



MİMARİ SİSTEMLER KATALOĞU
ARCHITECTURAL SYSTEMS CATALOGUE

SÜRME, KAPI VE PENCERE SİSTEMLERİ
SLIDING, DOOR AND WINDOW SYSTEMS

LS55 | S32+ | S32 | W55+ | W55 | W65+ | W75+ | FW77+ | FW60

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İSTİKRAR-GÜVEN-KALİTE STABILITY-TRUST-QUALITY

FİRMA PROFİLİ / COMPANY PROFILE

1983 yılında ilk kapı pencere doğrama atölyesi ile kurulan Zahit Alüminyum, Türkiye'nin prestijli bir üretim tesisidir. 90'lı yıllarda şirketleşme süreçleri ile birlikte alt yapı yatırımlarına hız vermiş, üretim noktasında sektörün ilkleri olmayı başarmış bir firmadır. 1998 yılında ekstrüzyon prosesi ile ilk profilleri üretmiş ve 2000'li yılların başında üretim kapasitesini artırmak ve daha kaliteli ürünler üretmek için yeni üretim hatları ve yüzey işlem hatlarını devreye almıştır. Şu an beş binin üzerinde olan ürün çeşitliliği ile Enerji, İnşaat, Otomotiv, Savunma Sanayi, Elektrik-Elektronik, Medikal, Mobilya ve Reklam Sektörlerinde faaliyet göstermektedir.

Adana Organize Sanayi bölgesinde, 40.000 m² kapalı olmak üzere toplam 60.000m² alanda, yıllık 25.000 ton biyet döküm, 20.000 ton (6 adet) kapasiteli alüminyum ekstrüzyon profil hattı, 1.500.000m² kapasiteli B-1/B-2/A2 alüminyum kompozit panel tesisi, 7.500 ton üretim kapasiteli dikey elektrostatik boyama hattı, 700 ton kapasiteli ahşap kaplama hattı, 12.000 ton kapasiteli eloksal yüzey kaplama hattına sahiptir. Entegre yönetim sistemi ile uluslararası kalite standartlarında üretim yapmakta, istikrarlı satış politikası ile müşteri taleplerine hızlı ve ekonomik çözümler sunmaktadır. Zahit Alüminyum, ISO 9001, ISO 14001, ISO 45001, ISO 27001, ISO 50001 ve AFGM Onaylı Tedarikçi yönetim sistemlerine sahiptir. TSE, CE, ROHS, REACH, QUALANOD ve QUALICOAT Seaside sertifikalarına sahip ürünler üretmektedir. Her yıl bünyesi içerisinde 5S tekniklerini uygulamakta ve proses iyileştirmeleri ile maliyet düşüşleri sağlamaktadır. Ayrıca üretmiş olduğu ürünler ile "Teknolojik Ürün (TÜR) Deneyim Belgesi" almaya hak kazanmıştır.

Ar-Ge Merkezi, dökümhane, kalıphane, ekstrüzyon pres hattı, eloksal yüzey işlem tesisi, elektrostatik toz boya tesisi, ahşap kaplama tesisi, mekanik işlem birimi, alüminyum kompozit panel üretim hattı ve kalite kontrol birimlerinin birbiri ile entegre çalışması Zahit Alüminyum'u sektörde herkesin bildiği ve güvendiği firma profili seviyesine getirmiştir. Alümince ve Vetrina markaları ile alüminyum profil grubunda mimari sistem profilleri, endüstriyel profiller, solar konstrüksiyon, kompozit paneller, A2 yanmaz kompozit panellerin üretimlerini gerçekleştirmektedir.



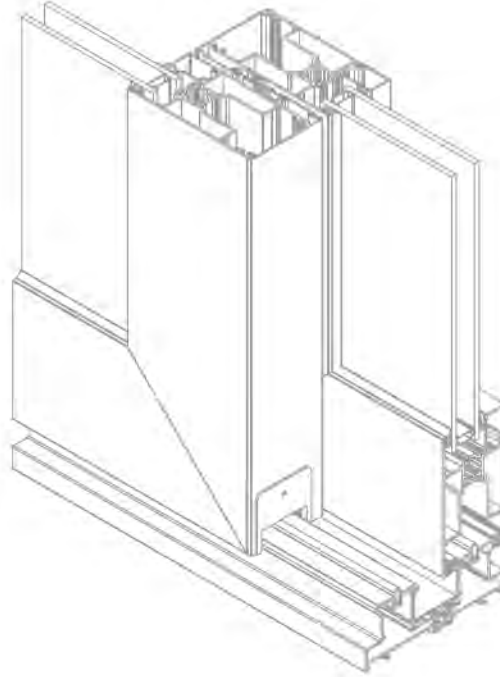
Founded in 1983 initially as an aluminum window and door frame production shop, Zahit Aluminum is a prestigious production plant in Turkey. The firm accelerated its infrastructure investments in 90s as part of its growth efforts, and has succeeded to become a pioneer with its production operations in the industry. The firm manufactured the first profiles using extrusion process in 1998, and commissioned new production lines and surface finishing lines in early 2000. Today, with a product variety over five thousand, the firm is operating in Energy, Automotive, Defense Industry, Electric-Electronics, Medical, Furniture and Advertisement fields.

The firm has total 60.000 m² facilities with 40.000m² indoor plant, an aluminum extrusion profile line with an annual capacity of 25.000 tons billet casting, 6 aluminum extrusion profile lines with an annual capacity of 20.000 tons, B-1/B-2/A2 aluminum composite panel plant with a capacity of 1.500.000m², vertical electrostatic dye line with a production capacity of 7.500 tons, wooden coating line with a capacity of 700 tons, eloxal (anodic oxidation) surface coating line with a capacity of 12.000 tons located at Adana Organized Industry Zone. The firm manufactures at international quality standards with an integrated management system, and offers quick and economical solutions for customer demand with a consistent sales policy. Zahit Aluminum holds ISO 9001, ISO 14001, ISO 45001, ISO 27001, ISO 50001 and AFGM Certified Supplier management SYSTEM. We are capable of manufacturing TSE, CE, ROHS, REACH, QUALANOD and QUALICOAT Seaside certified PRODUCT. We are implementing 5S method within the organization throughout the year, ensuring process improvement and cost reduction. Furthermore, the firm is awarded with "Technological Product (TÜR) Experience Certificate" for our PRODUCT.

Integrated operations of R&D Center, cast shop, molding shop, extrusion press line, eloxal surface finishing plant, electrostatic powder paint plant, wooden coating line, mechanical processing unit, aluminum composite panel production line and quality control departments leveraged Zahit Aluminum to a well-recognized and trusted company level. Architectural system profiles, industrial profiles, solar construction, composite panels, Class A2 inflammable composite panels are produced in aluminum profile group under brands of Aluminance and Vetrina.

[illegible]

LS55



YALITIMLI KALDIR-SÜR SİSTEM 300 KG SERİ (55) INSULATED LIFT-SLIDE SYSTEM 300 KG SERIES (55)	LS55	KASA	FRAME	100	LS55 SİSTEM 100 GRUP PR NO
		ORTA KAYIT	MULLION	200	
		KANAT	SASH	300	
		ADAPTÖR, BAGL. PR	ADAPTER	400	
		EPDM GRUP	EPDM GROUP	500	
		PVC GRUP	PVC GROUP	600	
		AÇILIM GRUP	OPENING GROUP	700	
		YALITIM GRUP	INSULATED GROUP	800	

PROFİL ET KALINLIĞI	PROFILE THICKNESS	1.6-1,8 mm
KASA YÜKSEKLİĞİ	FRAME HEIGHT	45 mm
KANAT YÜKSEKLİĞİ	SASH HEIGHT	55 mm
ISI BARIYERİ	THERMAL ISULATION BAR	14,8 mm
CAM KALINLIĞI	GLASS THICKNESS	4-38 mm

ALAŞIM ÖZELLİKLERİ
ALLOY PROPERTIES

ÜRETİM VE MEKANİK STANDARTLAR
PRODUCTION AND MECHANICAL STANDARDS

EN AW 6060 (AlMgSi0,5 F22)
EN AW 6063 (AlMg0,7Si F22)

EN 12020-2 EN 755-9 EN 755-2



Köşe takoz profili
Corner cleat profile



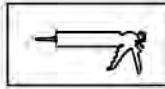
Köşe bağlantı
Corner connection



Köşe onbaşı
Corner cleat



Yatay sayfa
Page horizontal



Silikon
Silicone



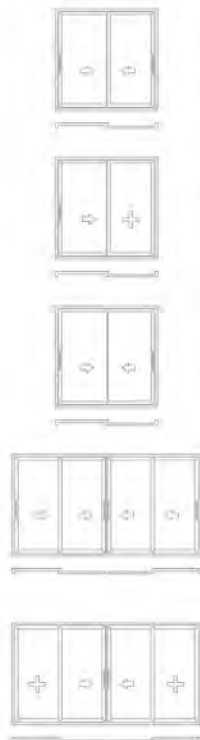
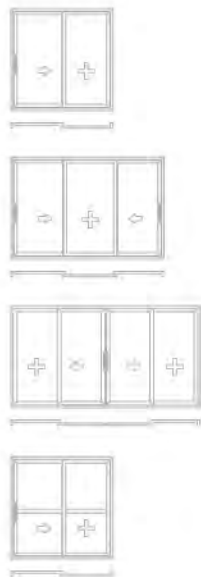
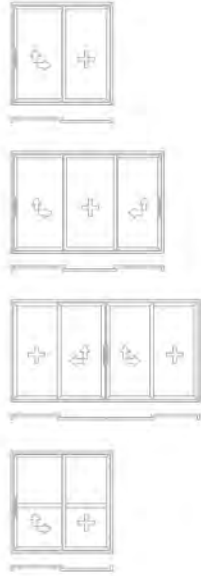
Dikkat
Attention

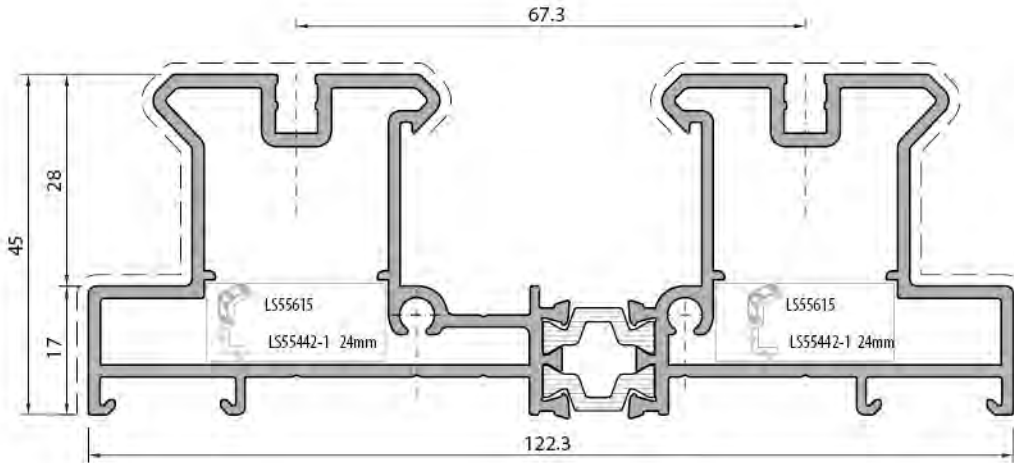
KALDIR-SÜR AÇILIM TİPLERİ / LIFT-SLIDE OPENING TYPES

1 - ray 1 - rail

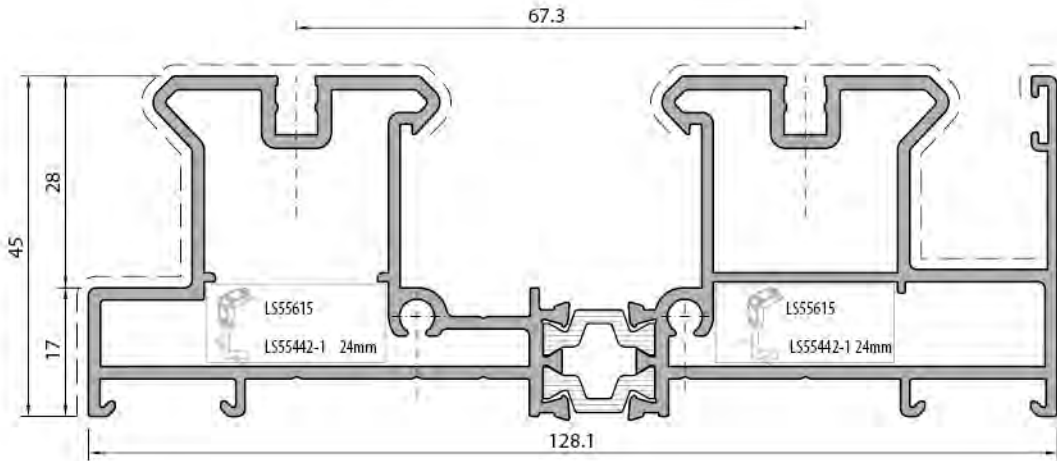
2 - ray 2 - rail

3 - ray 3 - rail

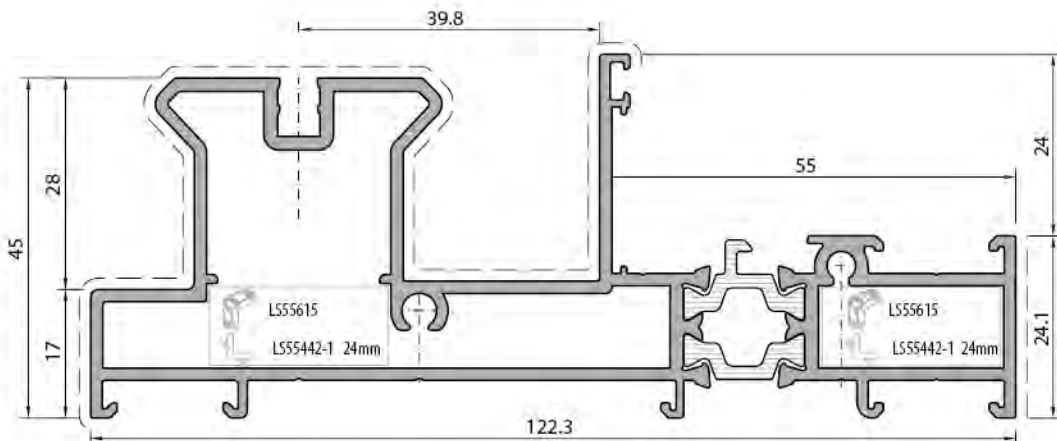




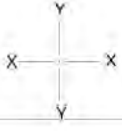
İki Raylı Profil Two rail profile	
LS55101	
Weight	: 2,311 kg/m
I _x	: 108,51 cm ⁴
I _y	: 18,93 cm ⁴
W _x	: 17,69 cm ³
W _y	: 8,06 cm ³



İki Raylı Profil Two rail profile	
LS55102	
Weight	: 2,543 kg/m
I _x	: 137,29 cm ⁴
I _y	: 19,93 cm ⁴
W _x	: 20,52 cm ³
W _y	: 8,51 cm ³

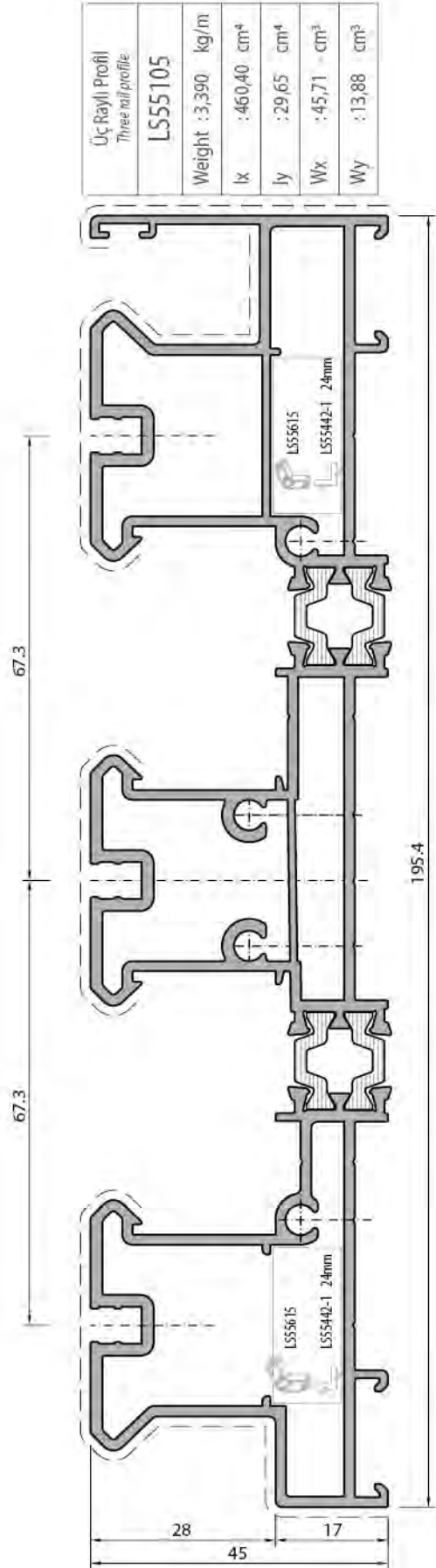
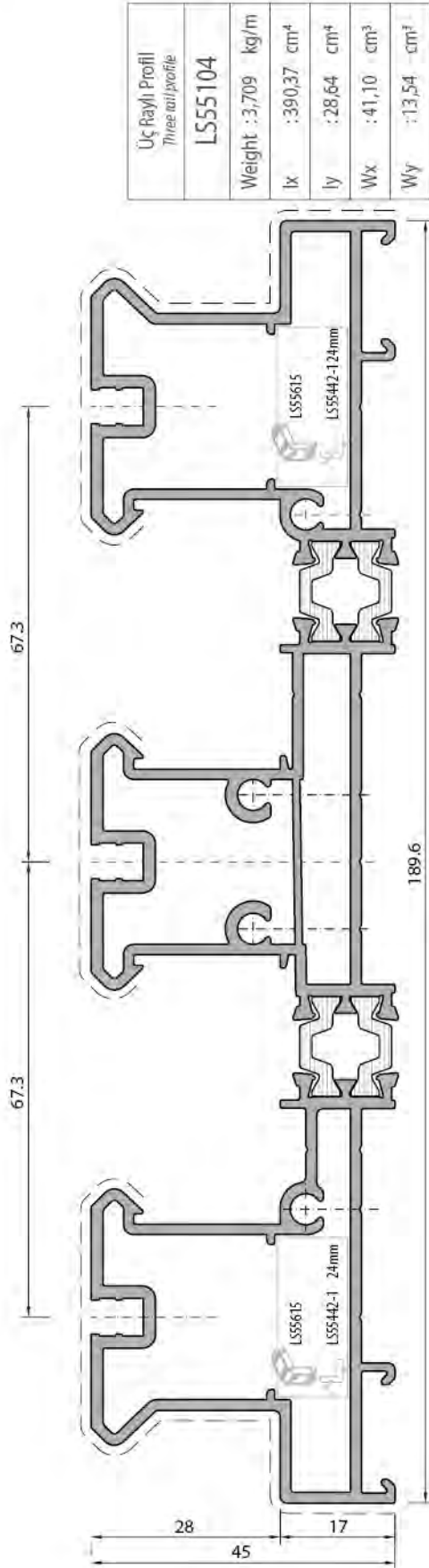


Tek Raylı Profil-Sabit Mono rail profile-fixed	
LS55103	
Weight	: 2,146 kg/m
I _x	: 99,52 cm ⁴
I _y	: 12,32 cm ⁴
W _x	: 15,55 cm ³
W _y	: 4,23 cm ³



LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

Pencere Geçiş Profili / window adapter profile

LS55106

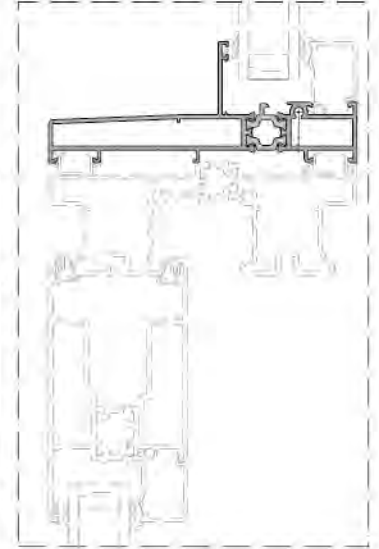
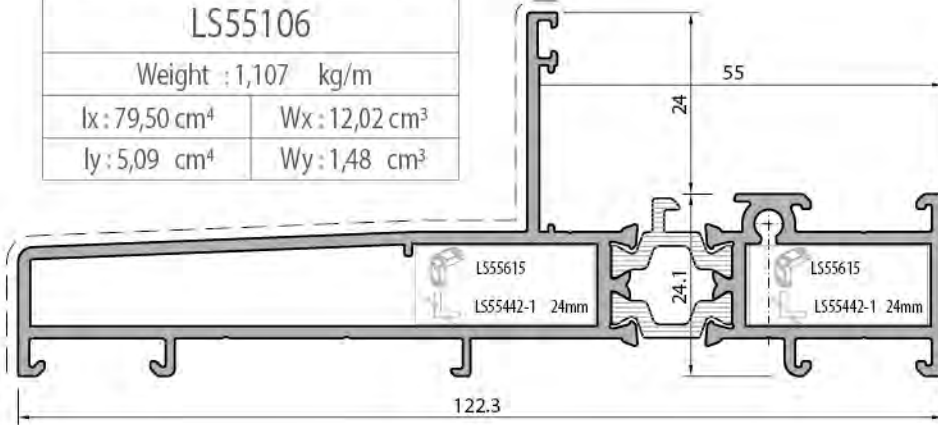
Weight : 1,107 kg/m

$I_x : 79,50 \text{ cm}^4$

$W_x : 12,02 \text{ cm}^3$

$I_y : 5,09 \text{ cm}^4$

$W_y : 1,48 \text{ cm}^3$



Sabit Pencere Geçiş Profili
Fixed window adapter profile

LS55107

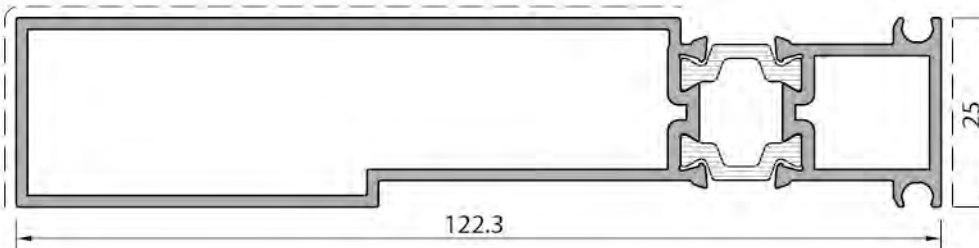
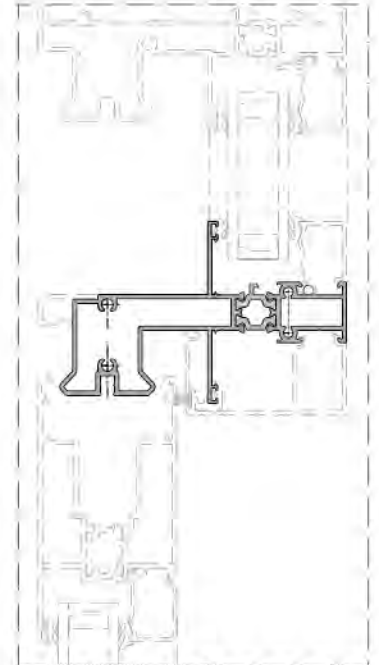
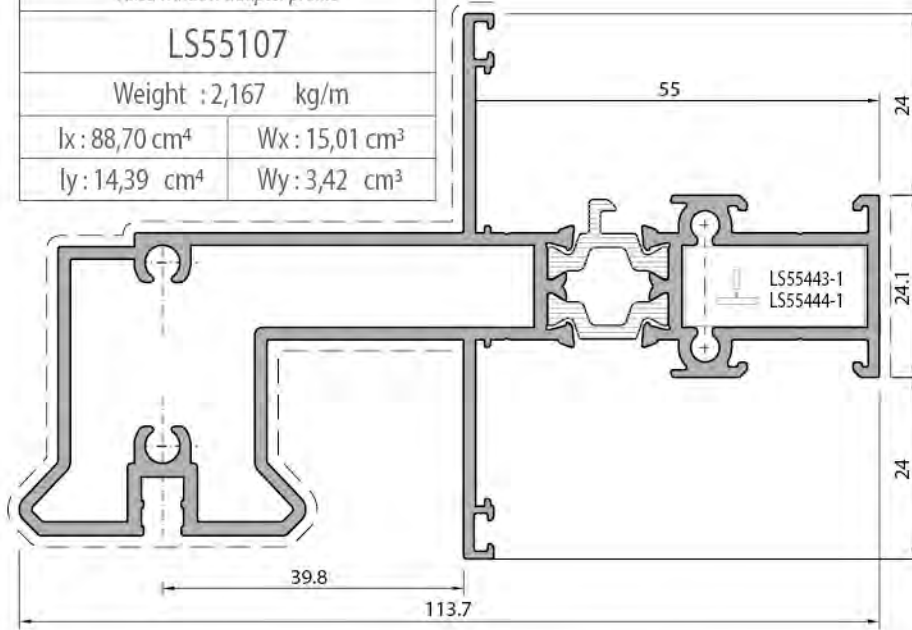
Weight : 2,167 kg/m

$I_x : 88,70 \text{ cm}^4$

$W_x : 15,01 \text{ cm}^3$

$I_y : 14,39 \text{ cm}^4$

$W_y : 3,42 \text{ cm}^3$



Birleşim Profili / Connection profile

W55+15.414

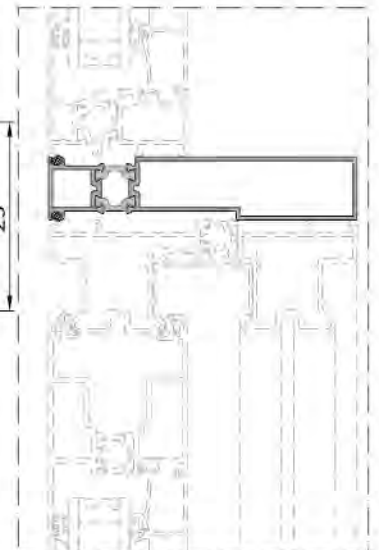
Weight : 1,490 kg/m

$I_x : 78,86 \text{ cm}^4$

$W_x : 11,96 \text{ cm}^3$

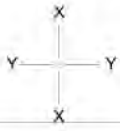
$I_y : 4,38 \text{ cm}^4$

$W_y : 3,39 \text{ cm}^3$



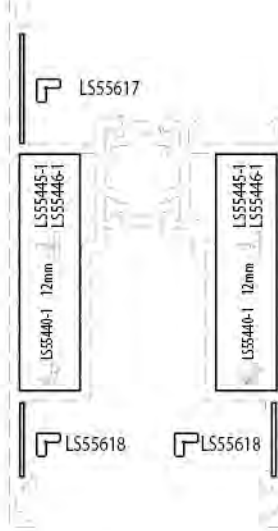
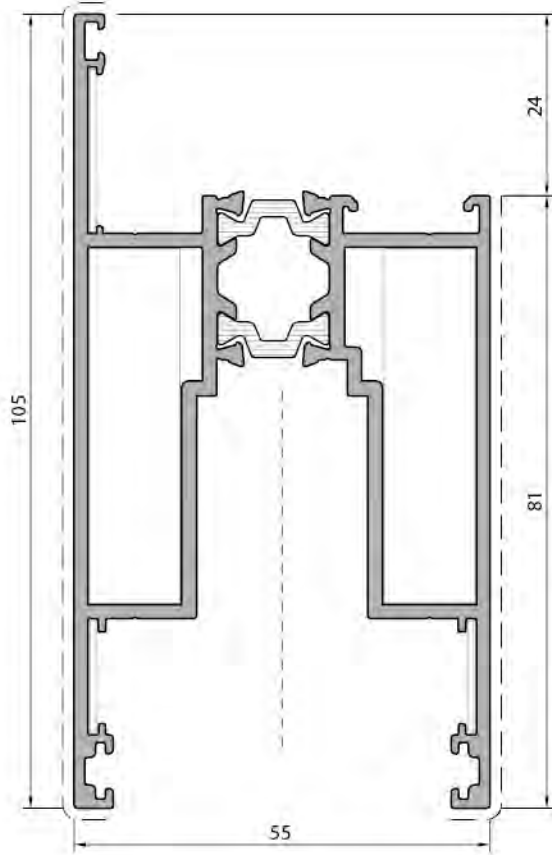
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.

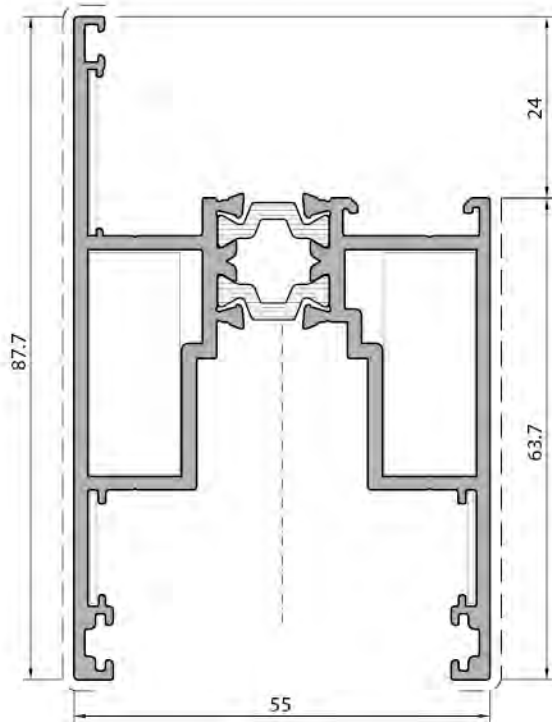


LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

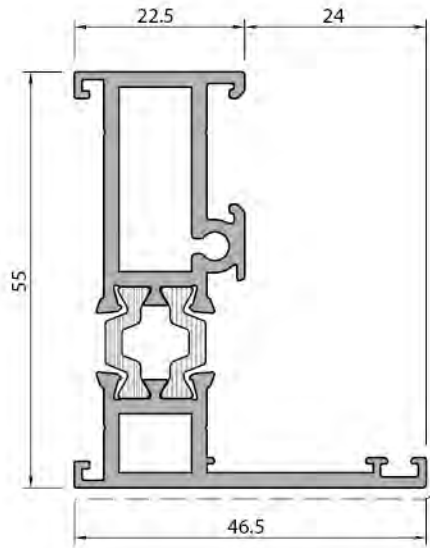


Kaldır-Sür Açılım Kanat Pr. <i>Lift-slide opening sash profile</i>	(300 kg)
LS55301	
Weight : 2,063 kg/m	
I _x : 31,64 cm ⁴	
I _y : 50,42 cm ⁴	
W _x : 10,82 cm ³	
W _y : 9,22 cm ³	

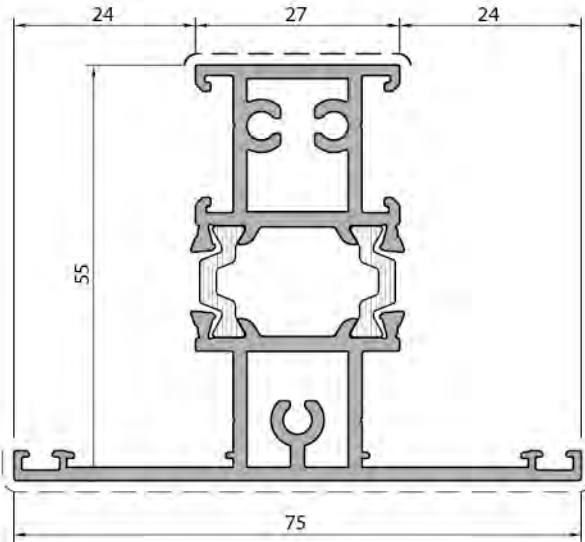
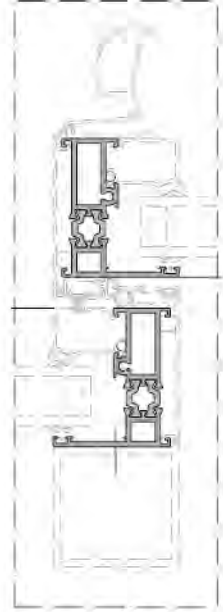


Kaldır-Sür Açılım Kanat Pr. <i>Lift-slide opening sash profile</i>	(150 kg)
Klasik Sürme Açılım Kanat Pr. <i>Classical sliding opening sash profile</i>	(100 kg)
LS55302	
Weight : 1,822 kg/m	
I _x : 26,27 cm ⁴	
I _y : 21,81 cm ⁴	
W _x : 8,89 cm ³	
W _y : 4,70 cm ³	

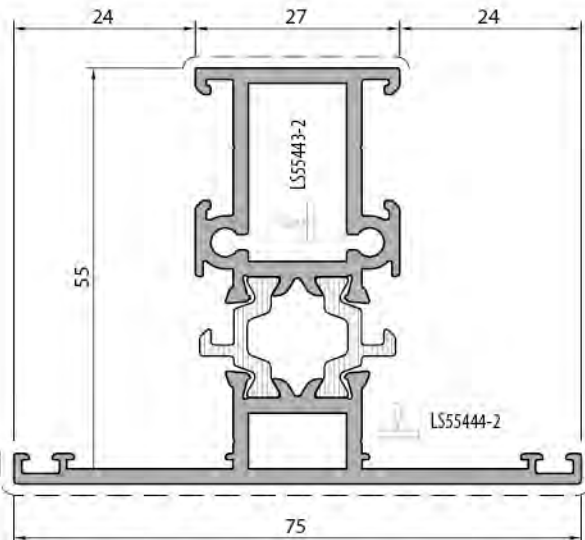
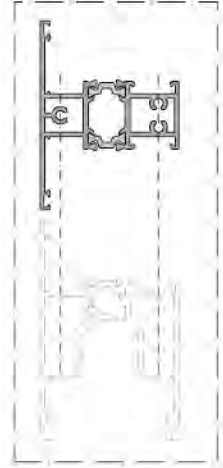
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Kanat Profili <i>Sash profile</i>	
LS55303	
Weight	: 1,171 kg/m
Ix	: 14,14 cm ⁴
Iy	: 3,33 cm ⁴
Wx	: 4,55 cm ³
Wy	: 21,04 cm ³

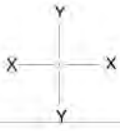


Orta Kayıt Profil <i>Mullion profile</i>	
LS55201	
Weight	: 1,541 kg/m
Ix	: 19,72 cm ⁴
Iy	: 9,64 cm ⁴
Wx	: 6,11 cm ³
Wy	: 2,57 cm ³



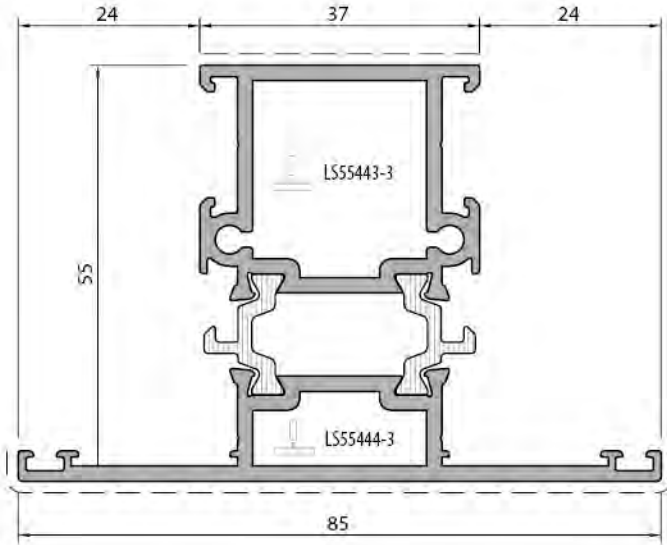
Orta Kayıt Profil <i>Mullion profile</i>	
LS55202	
Weight	: 1,341 kg/m
Ix	: 18,52 cm ⁴
Iy	: 9,84 cm ⁴
Wx	: 5,60 cm ³
Wy	: 82,62 cm ³





LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Orta Kayıt Profili
Mullion profile

LS55203

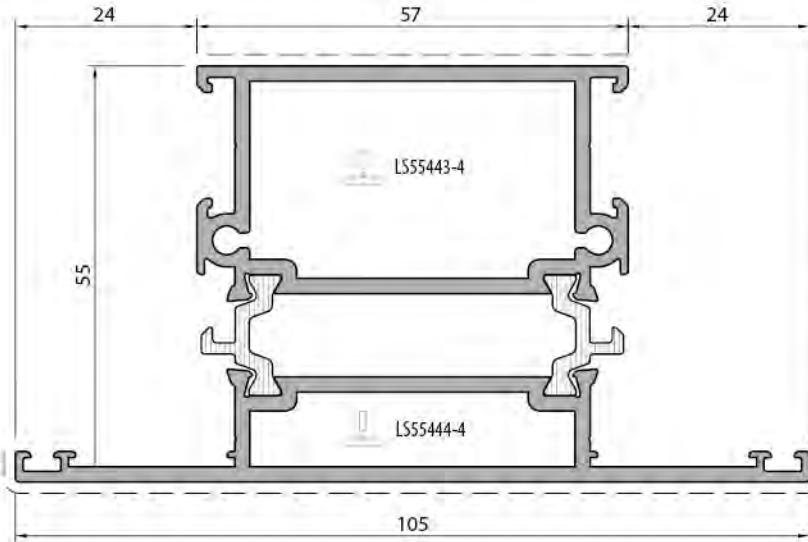
Weight : 1,722 kg/m

I_x : 21,64 cm⁴

I_y : 16,61 cm⁴

W_x : 6,59 cm³

W_y : 3,90 cm³



Orta Kayıt Profili
Mullion profile

LS55204

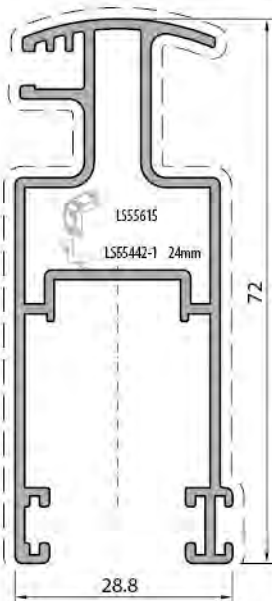
Weight : 2,154 kg/m

I_x : 27,90 cm⁴

I_y : 39,31 cm⁴

W_x : 8,57 cm³

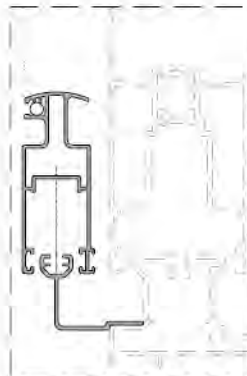
W_y : 7,49 cm³



Sineklik Kanat Profili
Flyscreen sash profile

LS55401

Weight : 0,894 kg/m

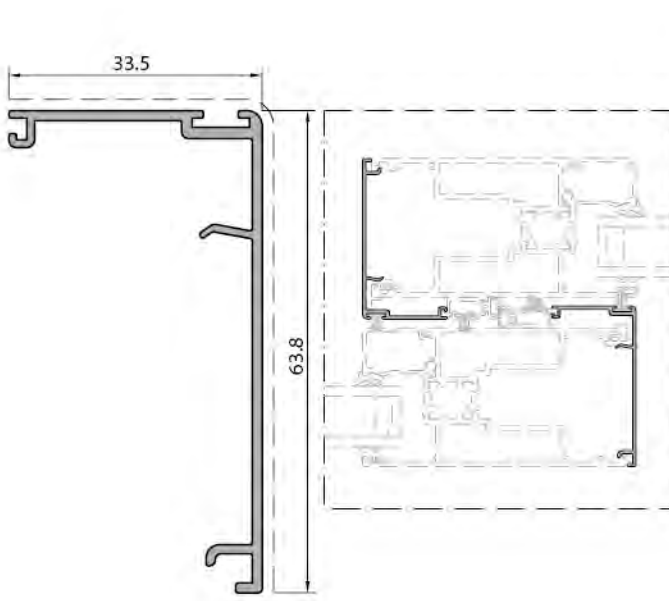


Sineklik Ray Profili
Flyscreen rail profile

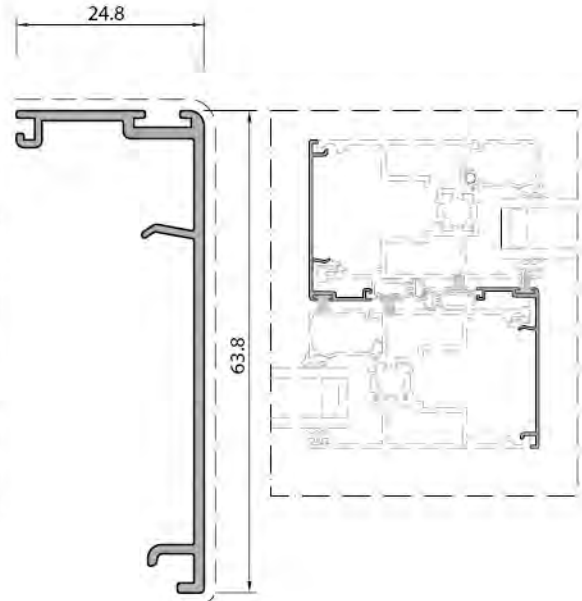
LS55402

Weight : 0,338 kg/m

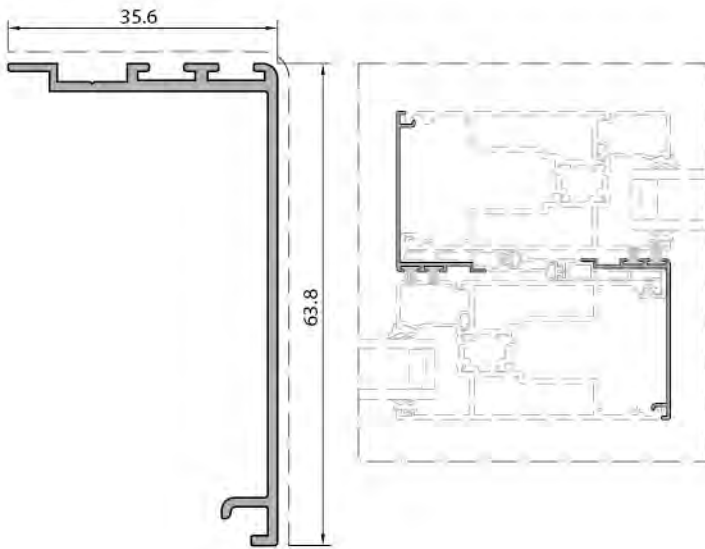
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
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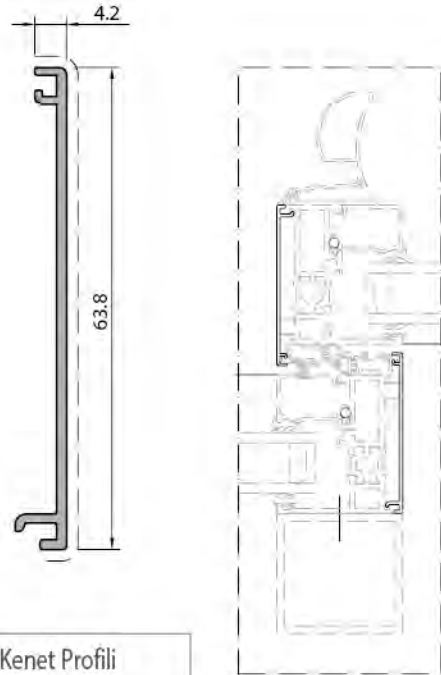
Kenet Profili (300 kg) Clamp profile
LS55403
Weight : 0,421 kg/m



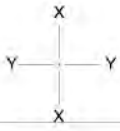
Kenet Profili (150 kg) Clamp profile
LS55404
Weight : 0,392 kg/m



Kenet Profili (300 kg) Clamp profile
LS55425
Weight : 0,422 kg/m

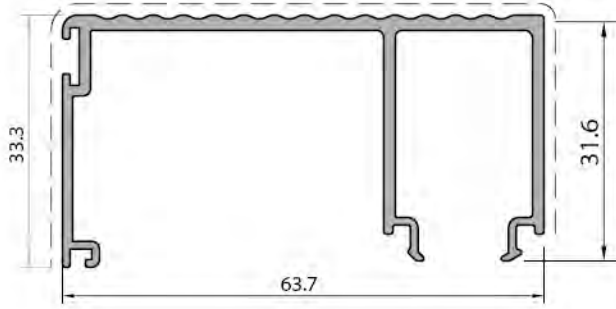


Kenet Profili Clamp profile
LS55405
Weight : 0,267 kg/m



LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

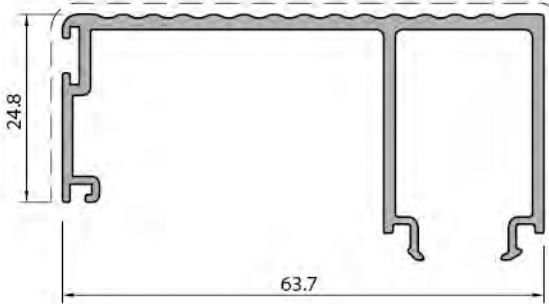
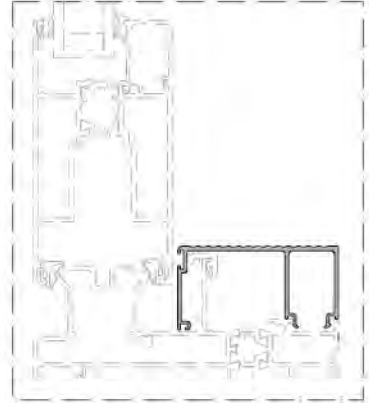
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kenet Profili
Clamp profile

LS55406

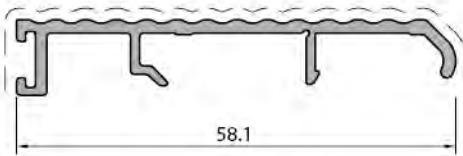
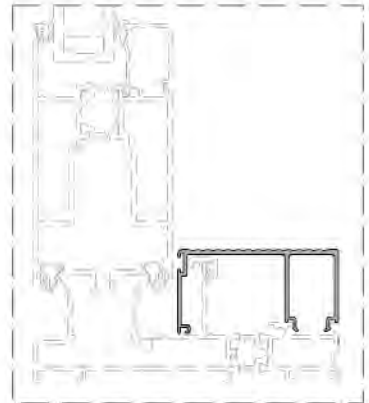
Weight : 0,710 kg/m



Kenet Profili
Clamp profile

LS55407

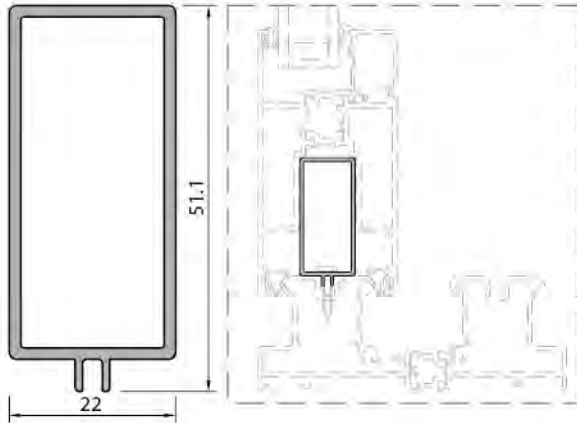
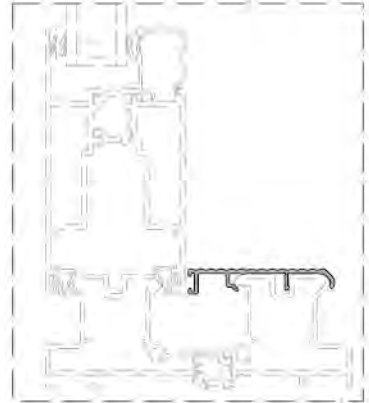
Weight : 0,680 kg/m



Kenet Profili
Clamp profile

LS55417

Weight : 0,365 kg/m

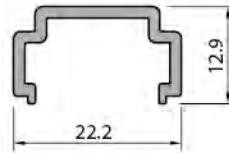


Kanat Sabitleme Profili
Sash fixing profile

LS55408

Weight : 0,554 kg/m

LS55408-1 100 mm

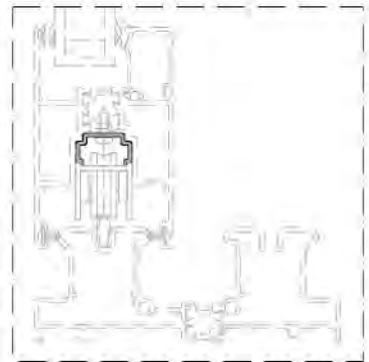


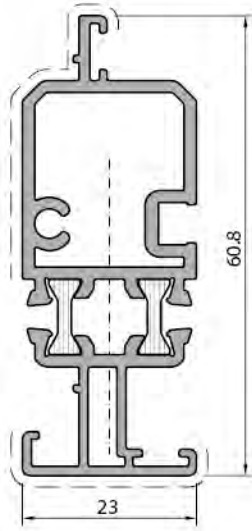
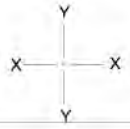
Klasik Sürme Adaptör Pr.
Classic sliding adapter profile

LS55409

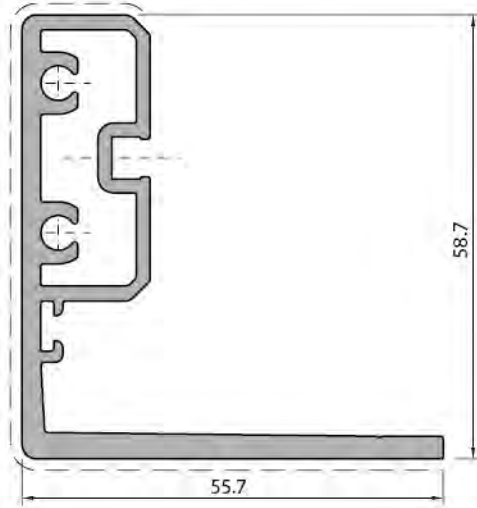
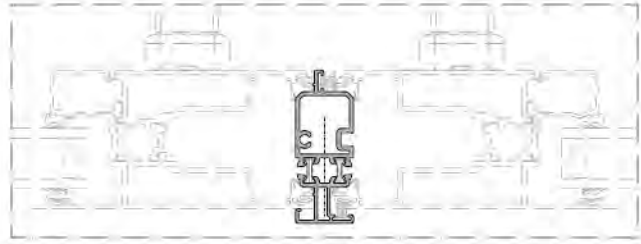
Weight : 0,148 kg/m

LS55409-1 200 mm

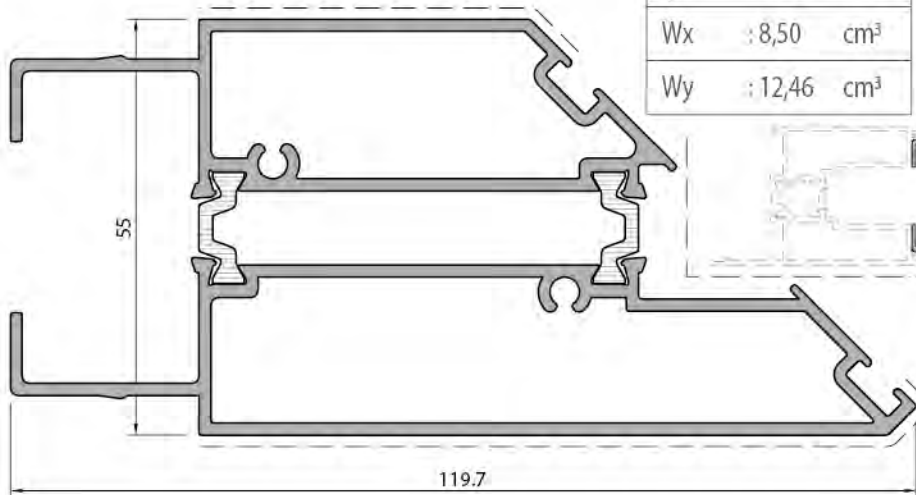
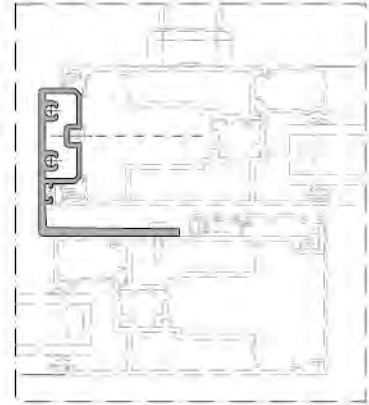




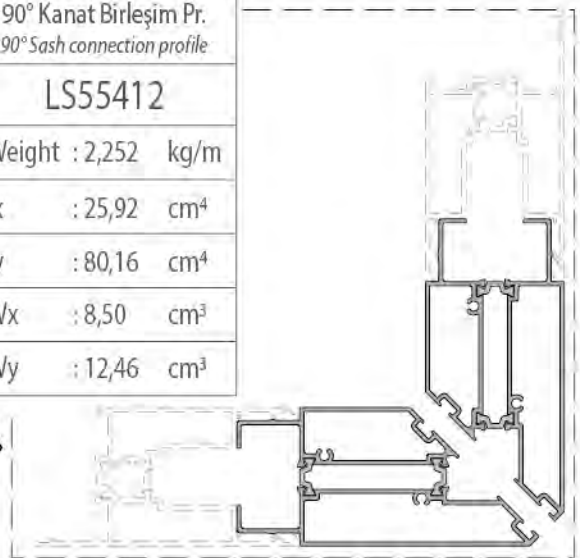
Kanat Adaptör Profili <i>Sash adapter profile</i>
LS55410
Weight : 0,926 kg/m

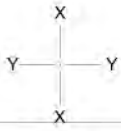


Sabit Kanat Kenet Profili <i>Fixed sash clamp profile</i>
LS55411
Weight : 1,356 kg/m



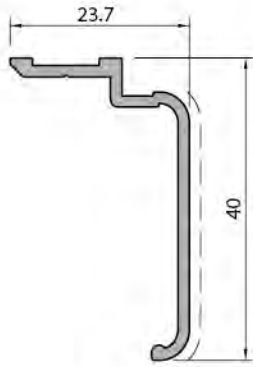
90° Kanat Birleşim Pr. <i>90° Sash connection profile</i>
LS55412
Weight : 2,252 kg/m
Ix : 25,92 cm ⁴
Iy : 80,16 cm ⁴
Wx : 8,50 cm ³
Wy : 12,46 cm ³





LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

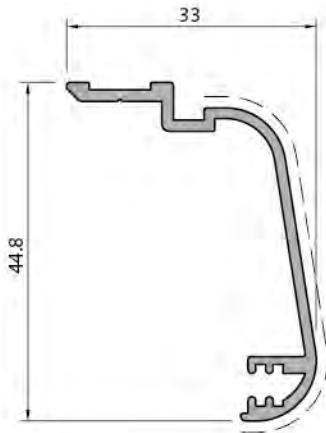
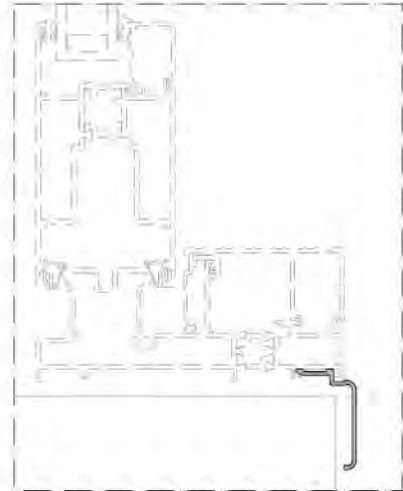
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Pervaz Profili
Additional profile

LS55413

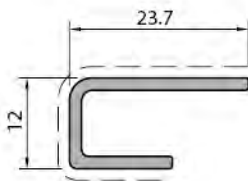
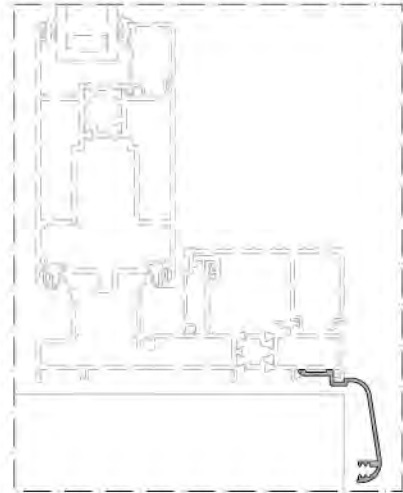
Weight : 0,266 kg/m



Pervaz Profili
Additional profile

LS55414

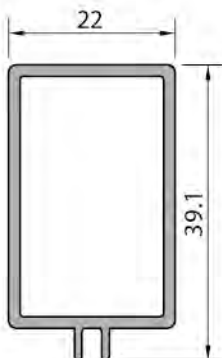
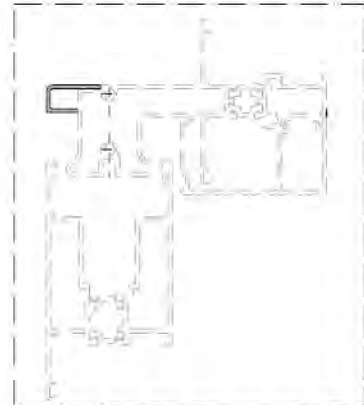
Weight : 0,355 kg/m



Ek Profili
Additional profile

LS55415

Weight : 0,195 kg/m

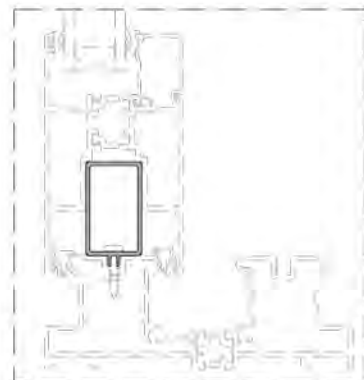


Kanat Sabitleme Profili
Sash fixing profile

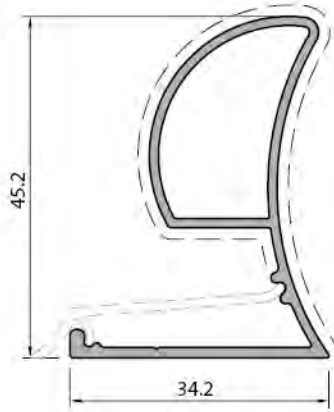
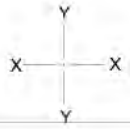
LS55416

Weight : 0,456 kg/m

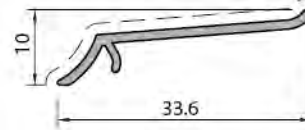
LS55416-1 100 mm



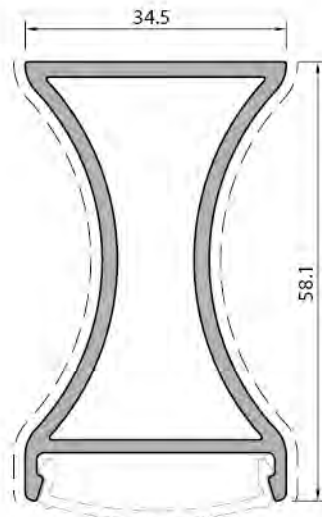
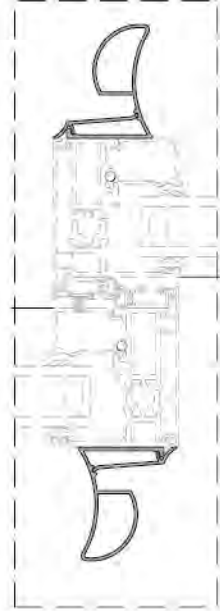
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.



Kanat Takviye Profili Sash reinforcement profile	
LS55420	
Weight :	0,496 kg/m
Ix :	4,37 cm ⁴
Iy :	1,27 cm ⁴
Wx :	2,32 cm ³
Wy :	0,61 cm ³

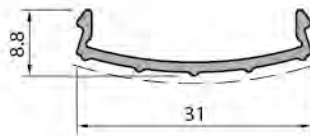
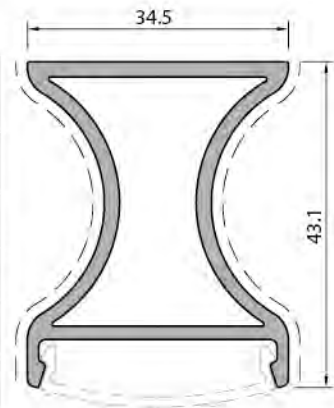


Kapak Profili Cover profile	
LS55421	
Weight :	0,129 kg/m



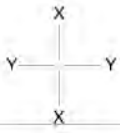
Kanat Takviye Profili Sash reinforcement profile	
LS55422	
Weight :	0,975 kg/m
Ix :	14,11 cm ⁴
Iy :	3,91 cm ⁴
Wx :	4,54 cm ³
Wy :	2,26 cm ³

Kanat Takviye Profili Sash reinforcement profile	
LS55423	
Weight :	0,821 kg/m
Ix :	6,45 cm ⁴
Iy :	3,39 cm ⁴
Wx :	2,62 cm ³
Wy :	1,96 cm ³



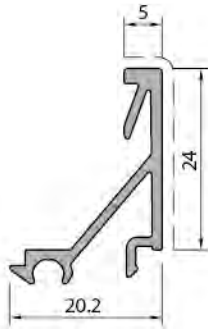
Kapak Profili Cover profile	
LS55424	
Weight :	0,148 kg/m



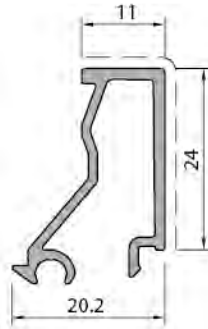


LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

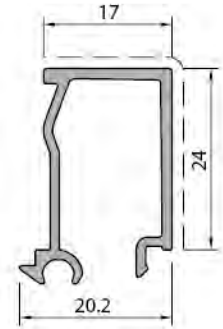
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



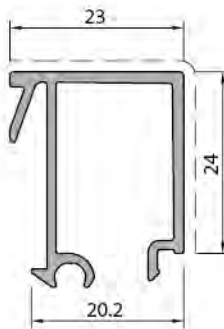
Cam Çıtası Profili Glazing bead profile
LS55430
Weight : 0,258 kg/m



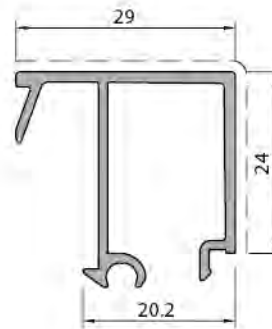
Cam Çıtası Profili Glazing bead profile
LS55431
Weight : 0,282 kg/m



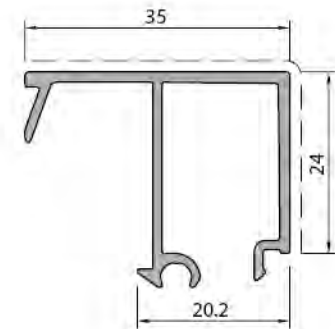
Cam Çıtası Profili Glazing bead profile
LS55432
Weight : 0,294 kg/m



Cam Çıtası Profili Glazing bead profile
LS55433
Weight : 0,341 kg/m

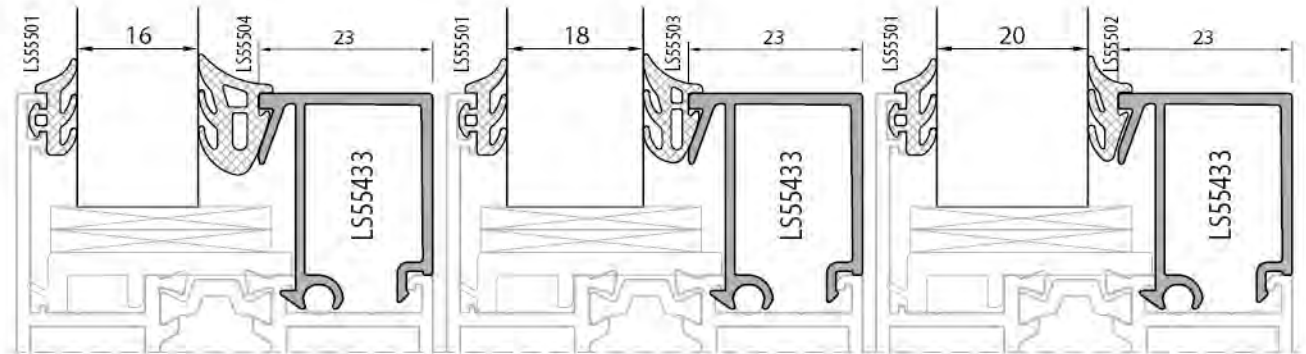
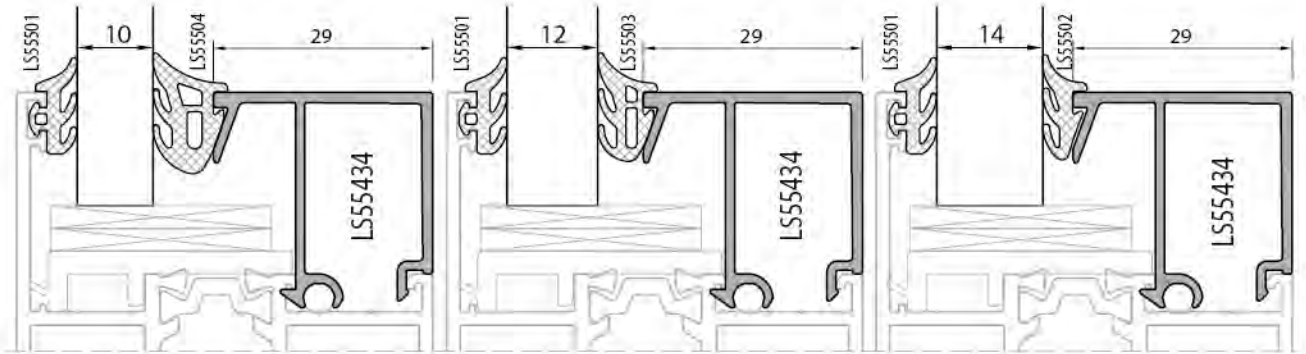
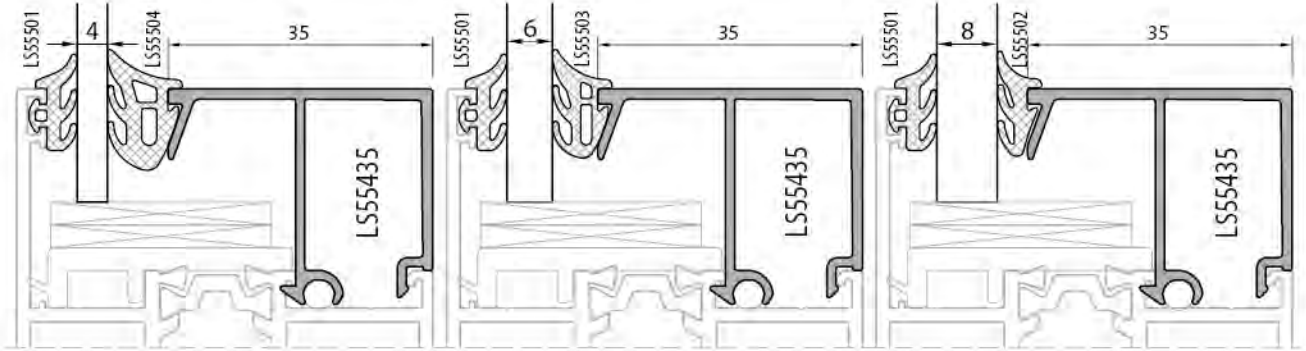


Cam Çıtası Profili Glazing bead profile
LS55434
Weight : 0,363 kg/m



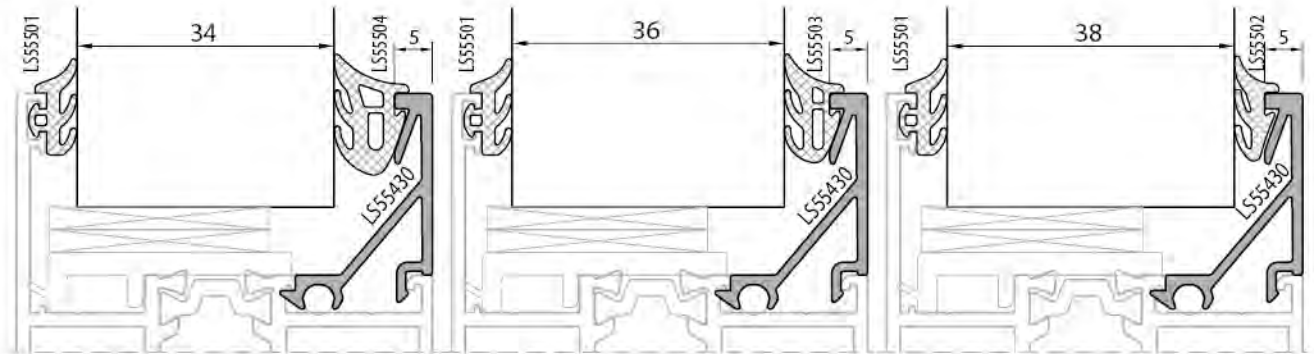
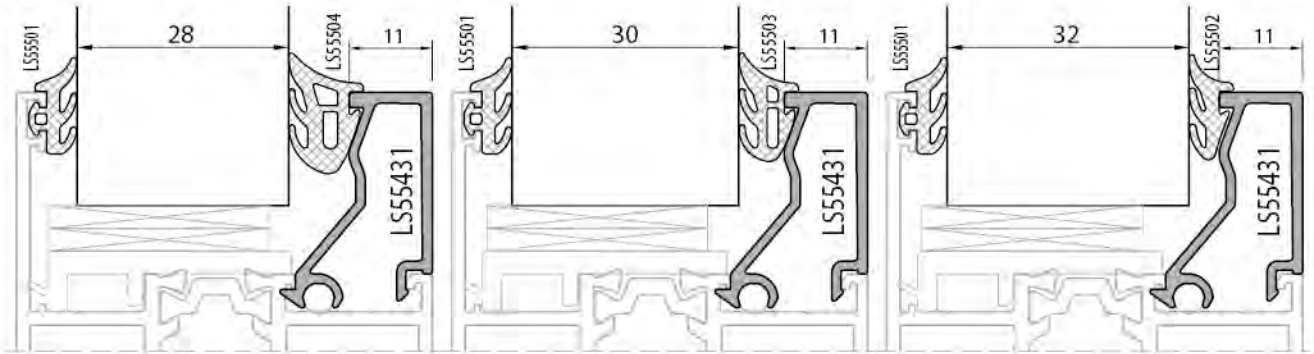
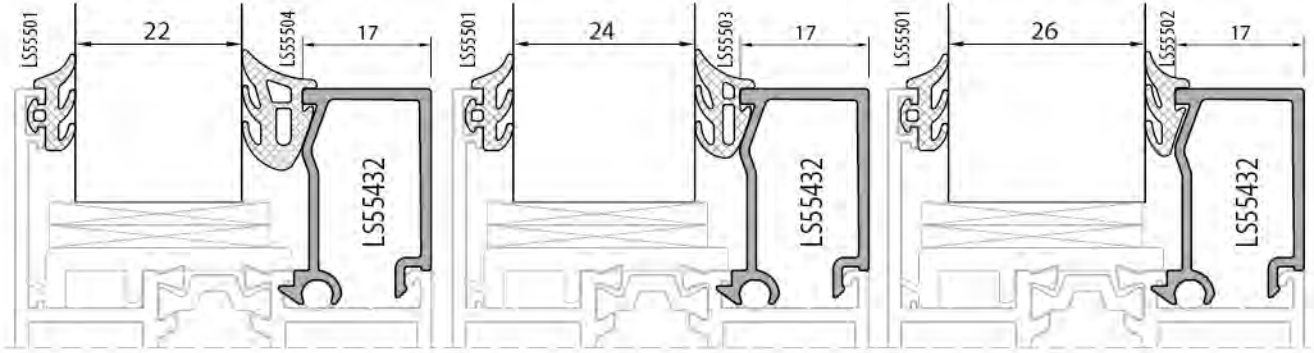
Cam Çıtası Profili Glazing bead profile
LS55435
Weight : 0,385 kg/m

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

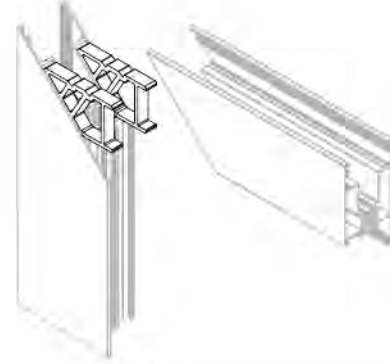
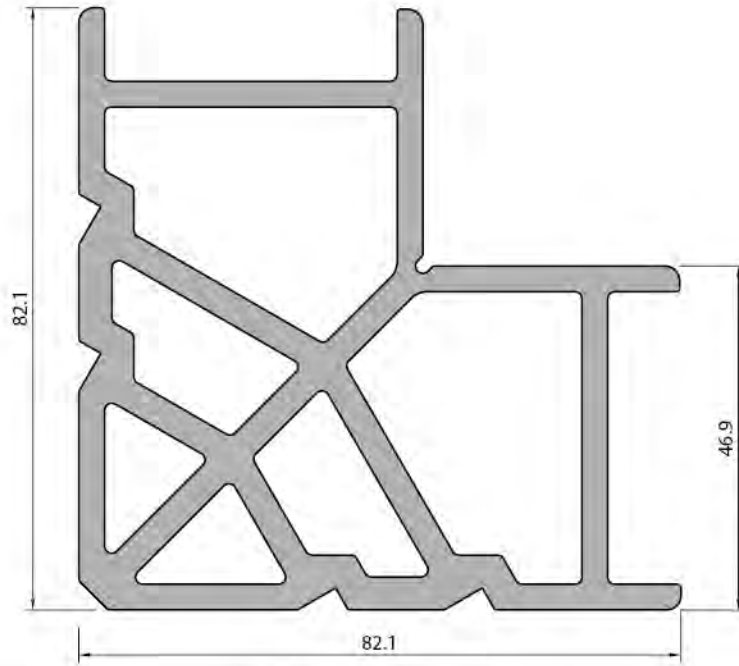


LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.

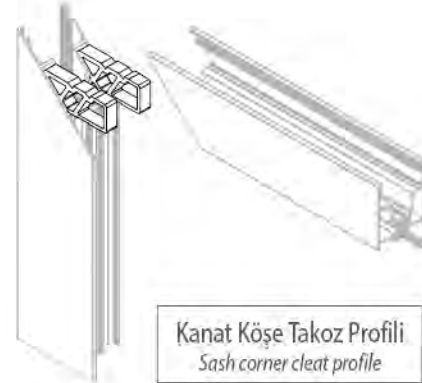
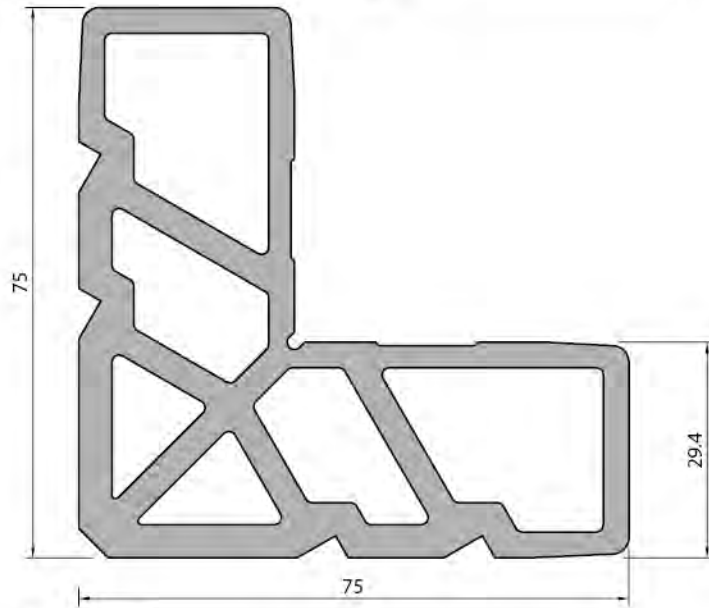


Kanat Köşe Takoz Profili
Sash corner cleat profile

LS55440

Weight : 4,879 kg/m

LS55440-12 mm

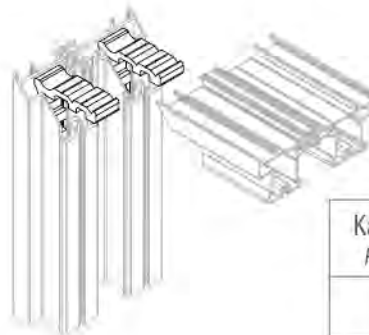
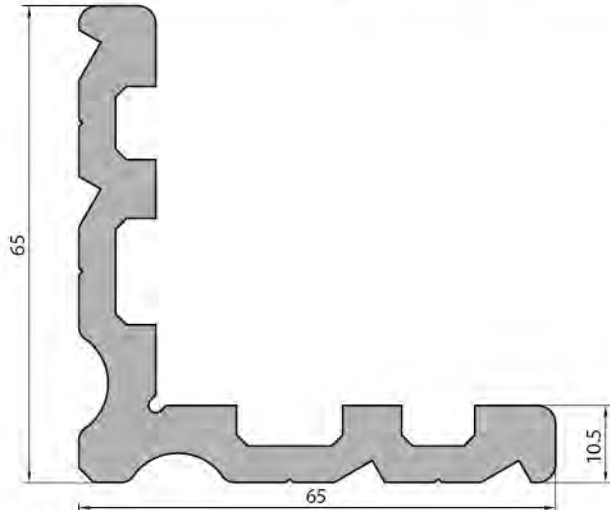


Kanat Köşe Takoz Profili
Sash corner cleat profile

LS55441

Weight : 4,280 kg/m

LS55441-12 mm



Kasa Köşe Takoz Profili
Frame corner cleat profile

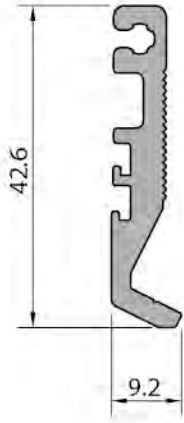
LS55442

Weight : 2,345 kg/m

LS55442-1 24 mm

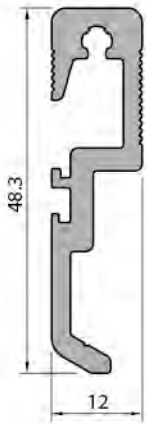
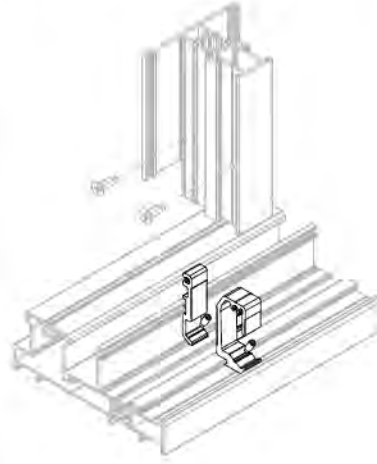
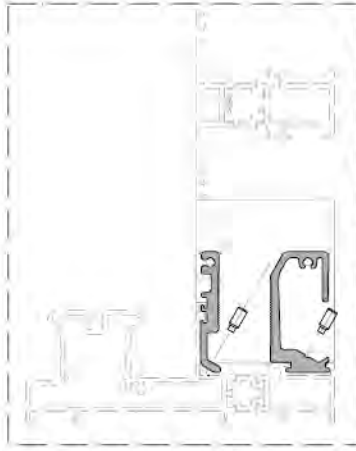
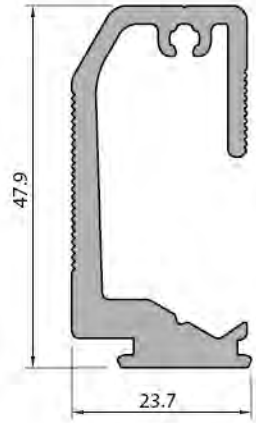
LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



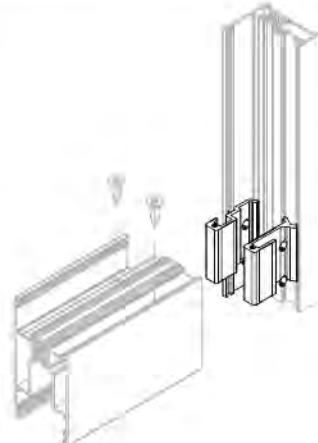
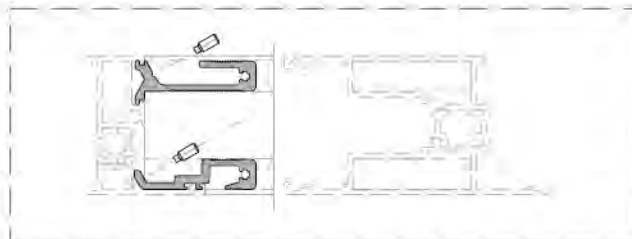
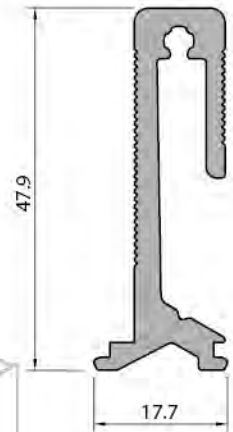
Orta Kayıt Bağlantı <i>Mullion connection</i>
LS55443
Weight : 0,517 kg/m
LS55443-1 10.5mm
LS55443-2 12,5mm
LS55443-3 22,5mm
LS55443-4 42,5mm

Orta Kayıt Bağlantı <i>Mullion connection</i>
LS55444
Weight : 0,974 kg/m
LS55444-1 10.5mm
LS55444-2 12,5mm
LS55444-3 22,5mm
LS55444-4 42,5mm

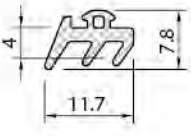
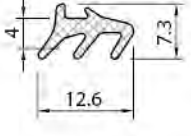
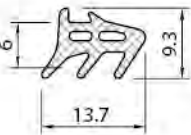
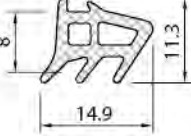
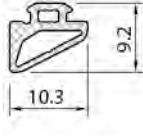
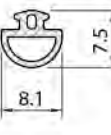
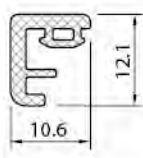


Kanat Köşe Takoz Profili <i>Sash corner cleat profile</i>
LS55445
Weight : 0,621 kg/m
LS55445-1 46,9 mm
LS55445-2 29,6 mm

Kanat Köşe Takoz Profili <i>Sash corner cleat profile</i>
LS55446
Weight : 0,757 kg/m
LS55446-1 46,9 mm
LS55446-2 29,6 mm

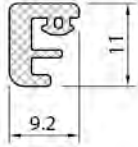
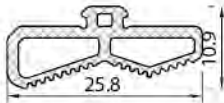
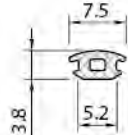
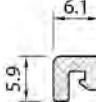
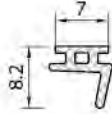
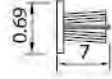
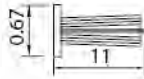


Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.

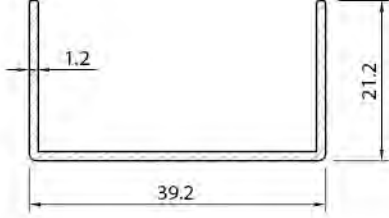
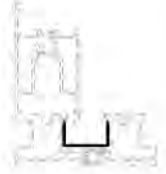
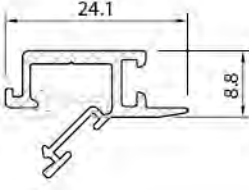
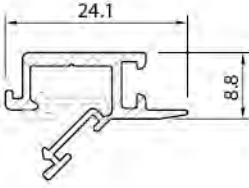
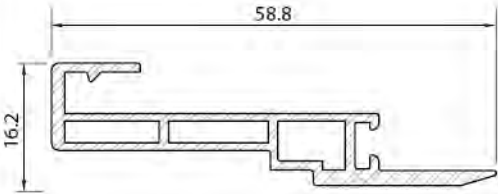
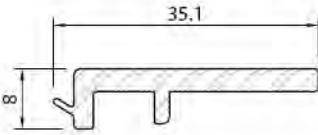
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55501		epdm cam dış fitil glazing gasket outside	55 gr/m	12 kg	220 m	
LS55502		epdm cam iç fitil glazing gasket inside	52 gr/m	12 kg	230 m	
LS55503		epdm cam iç fitil glazing gasket inside	80 gr/m	12 kg	150 m	
LS55504		epdm cam iç fitil glazing gasket inside	92 gr/m	12 kg	130 m	
LS55505		epdm fitil epdm gasket	55 gr/m	12 kg	220 m	
LS55506		epdm fitil epdm gasket	32 gr/m	12 kg	370 m	
LS55507		epdm fitil epdm gasket	92 gr/m	12 kg	130 m	

LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

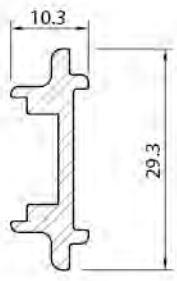
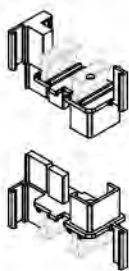
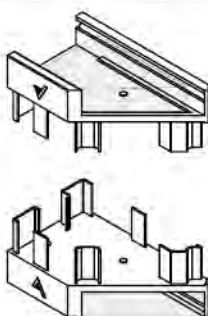
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
LS55508		epdm fitil epdm gasket	83 gr/m	12 kg	145 m	
LS55509		epdm fitil epdm gasket	120 gr/m	12 kg	100 m	
LS55510		epdm fitil epdm gasket	27 gr/m	12 kg	440 m	
LS55511		epdm fitil epdm gasket	33 gr/m	12 kg	360 m	
LS55512		epdm fitil epdm gasket	34 gr/m	12 kg	315 m	
LS55520		perdeli fırça fitil webbed brush gasket	-	-	450 m/pk	
LS55521		perdeli fırça fitil webbed brush gasket	-	-	250 m/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

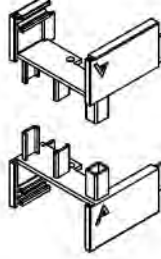
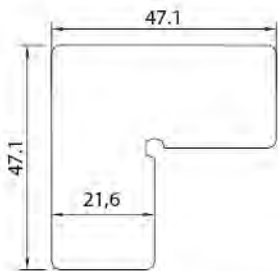
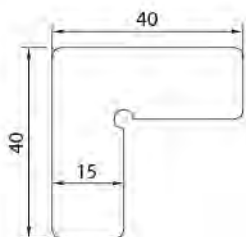
Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55601		kanal pvc profili channel pvc profile	6,0 m 20 pcs/pk	
LS55602		kenet pvc profil (eloksallı profil için) clamp pvc profile (for anodized profile)	3,0 m 20 pcs/pk	
LS55602-1		kenet pvc profil (boyalı profil için) clamp pvc profile (for painted profile)	3,0 m 20 pcs/pk	
LS55621		kenet pvc profil clamp pvc profile	3,0 m 20 pcs/pk	
LS55603		pvc cam destek takoz pvc glazing support cleat	3,0 m 20 pcs/pk	
LS55604		kanat klavuz pvc profil sash guide pvc profile	3,0 m 20 pcs/pk	

LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

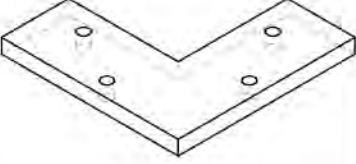
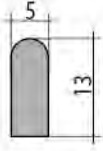
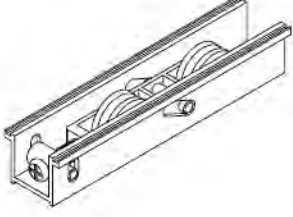
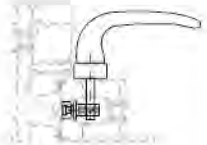
Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55605		kanat klavuz pvc profil sash guide pvc profile	3,0 m 20 pcs/pk	
LS55606		ispanyolet pvc yuva profili espagnolette pvc slot profile	3,0 m 20 pcs/pk	
LS55610		kenet kapak clamp cover	100 pcs/pk	
LS55611		çift kanat birleşim adaptörü double sash connecting adapter	20 pcs/pk	
LS55612		kanat dik birleşim adaptörü sash vertical connecting adapter	20 pcs/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

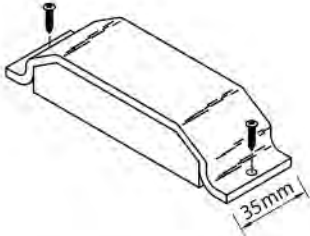
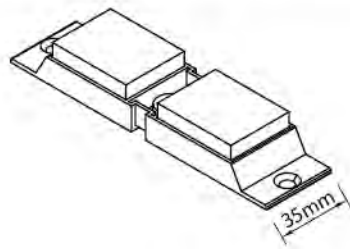
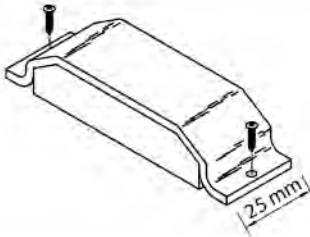
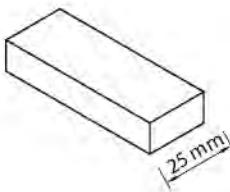
Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
LS55613		ince kanat dik birleşim adaptörü thin sash vertical connecting adapter	20 pcs/pk	
LS55614		su tahliye kapağı water drainage cover	200 pcs/pk	
LS55615		kasa köşe bağlantı frame corner connection	150 pcs/pk	
LS55616		paslanmaz çelik ray profili stainless steel rail profile	6,5 m 10 pcs/pk	
LS55617		köşe onbaşı corner cleat	200 pcs/pk	
LS55618		köşe onbaşı corner cleat	200 pcs/pk	

LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

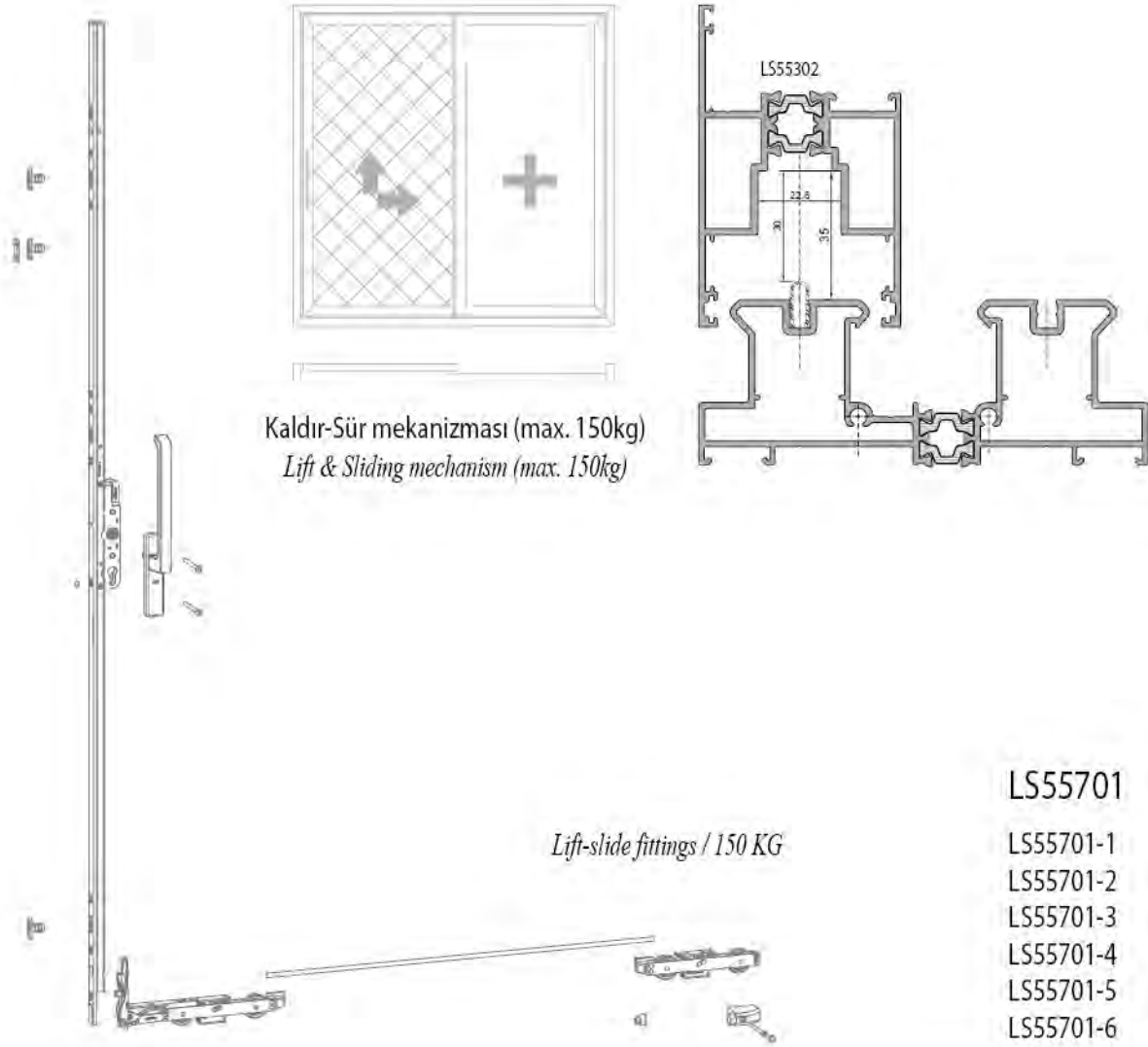
Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
LS55619		kasa profili 90° birleşim frame profile 90° join	12 pcs/pk	
LS55620		alüminyum ray profili aluminium rail profile	6,0 m 1 kg	
S32+701		klasik sürme rulman classical sliding roller	50 pcs/pk	
LS55710	 LS55710-1 160'lık ispanyolet LS55710-2 180'lık ispanyolet LS55710-3 200'lük ispanyolet	klasik sürme ispanyolet tij kilit takımı classical sliding lock set	1 set / pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. (Profil) İmalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55801		kanal üst izolasyon channel upper insulation	100 pcs/pk	
LS55802		kanal alt izolasyon channel bottom insulation	100 pcs/pk	
LS55803		kanal üst izolasyon channel upper insulation	100 pcs/pk	
LS55804		kanal alt izolasyon channel bottom insulation	100 pcs/pk	

LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



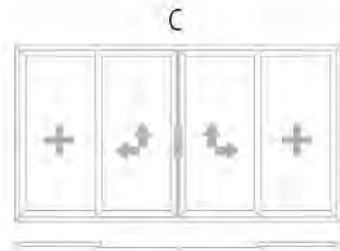
		kanat genişliği w:		
		720-1450	1451-1950	1951-2200
yükseklik h:	1800-2300 A	1	2	3
	1800-2300 C	4	5	6



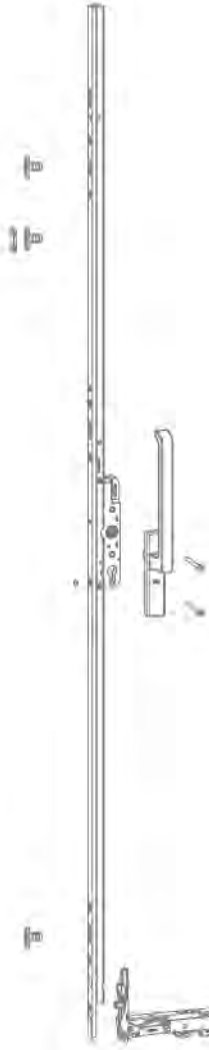
renk ayrıca bildirilmelidir
color should also be reported



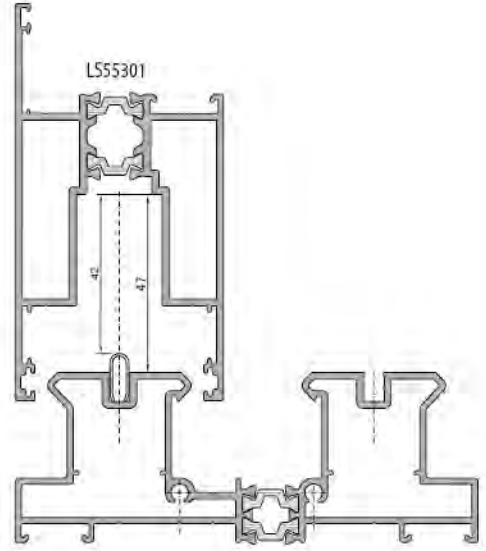
açılım tipleri dışında ve
max. ağırlıkları aşan
sürmeler için tarafımızdan
bilgi alınmalıdır
specific insights and knowledge
should be taken by us to take in
excess of the maximum weight



Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Kaldır-Sür mekanizması (max. 300kg)
Lift & Sliding mechanism (max. 300kg)



LS55702

LS55702-1	LS55702-9
LS55702-2	LS55702-10
LS55702-3	LS55702-11
LS55702-4	LS55702-12
LS55702-5	LS55702-13
LS55702-6	LS55702-14
LS55702-7	LS55702-15
LS55702-8	LS55702-16

Lift-slide fittings / 300 KG

kanat genişliği w:

		720-1450	1451-1950	1951-2200	2201-3300
yükseklik h:	1800-2300 A	1	2	3	4
	2301-2700 A	5	6	7	8
	1800-2300 C	9	10	11	12
	2301-2700 C	13	14	15	16

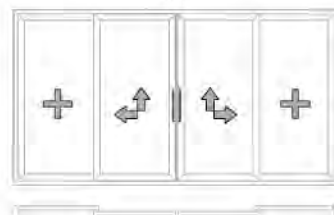
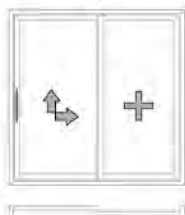


renk ayrıca bildirilmelidir
color should also be reported



açılım tipleri dışında ve
max. ağırlıkları aşan
sürmeler için tarafımızdan
bilgi alınmalıdır

specific insights and knowledge
should be taken by us to take in
excess of the maximum weight



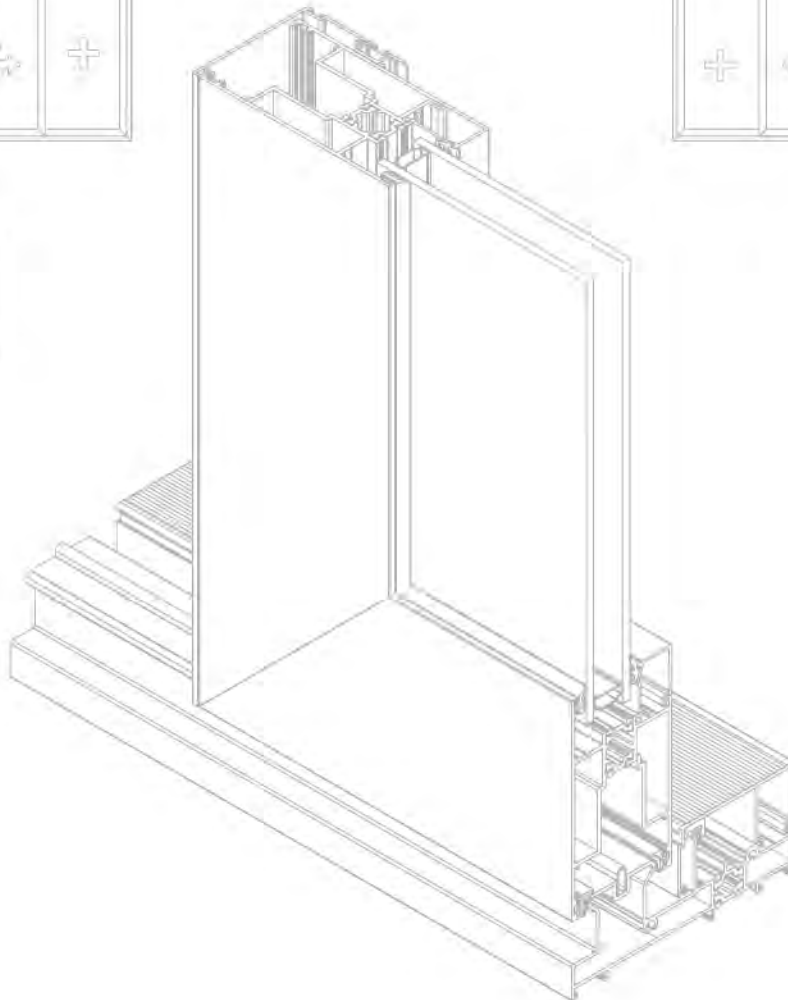
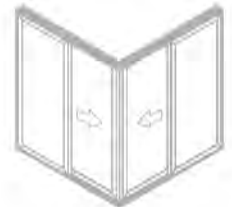
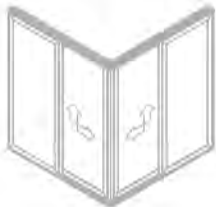
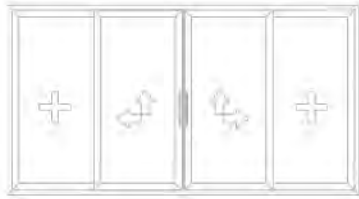
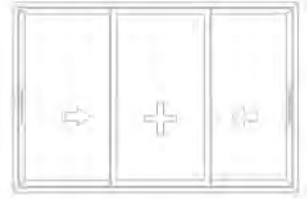
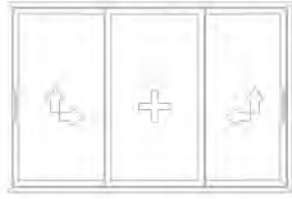
LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

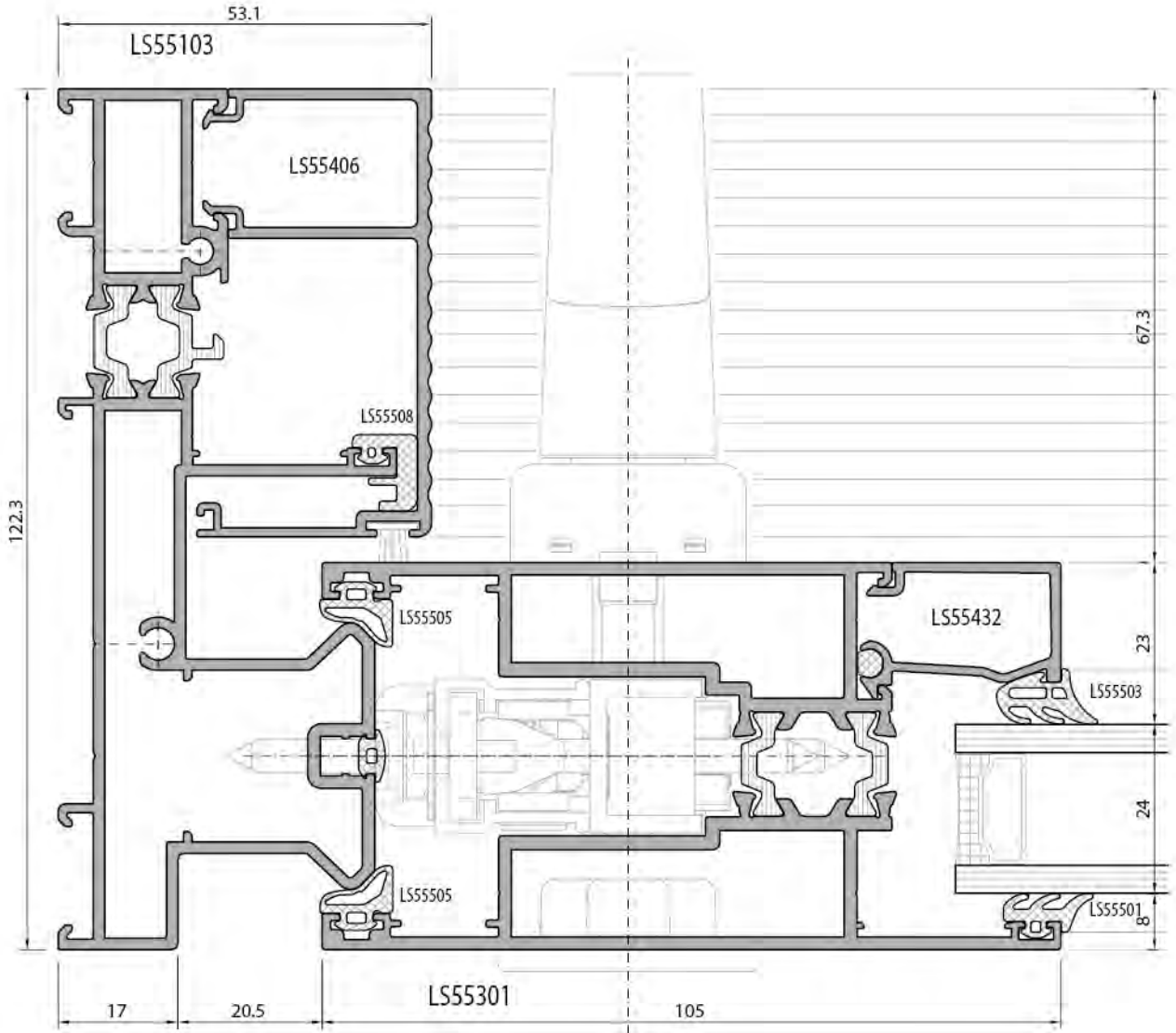
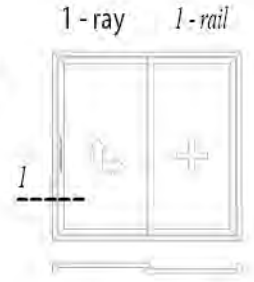
KALDIR-SÜR AÇILIM TİPLERİ 150kg - 300kg
LIFT-SLIDE OPENING TYPES

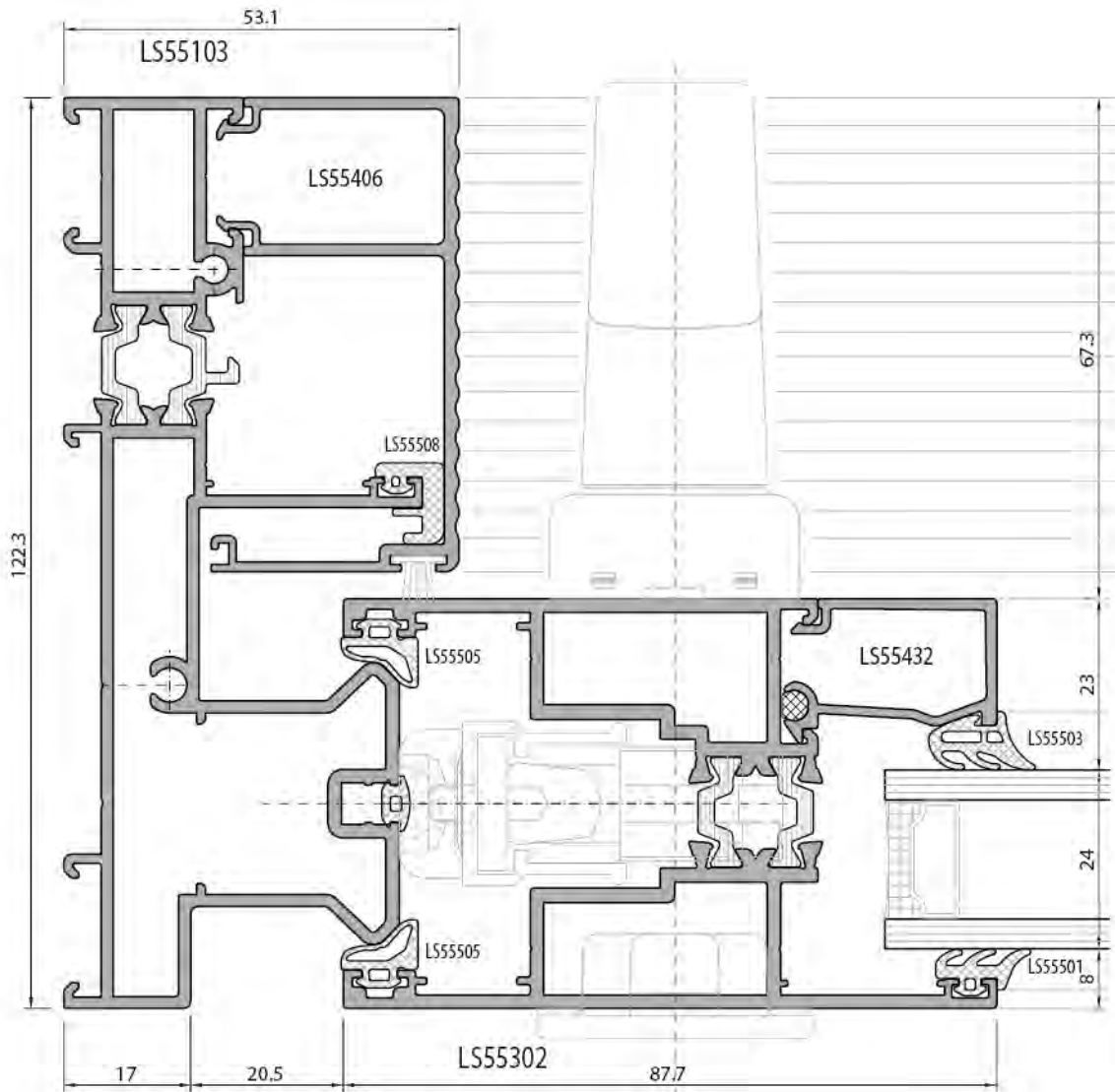
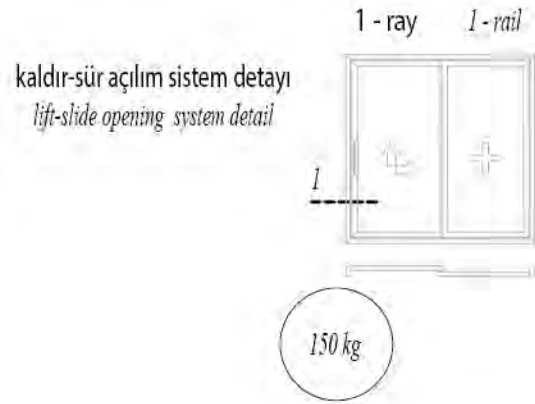
1 - RAY-SABİT PROFİL SİSTEMİ 1 - RAIL-FIXED PROFILE SYSTEM

KLASİK SÜRME AÇILIM TİPLERİ 100 kg
CLASSICAL SLIDING OPENING TYPES

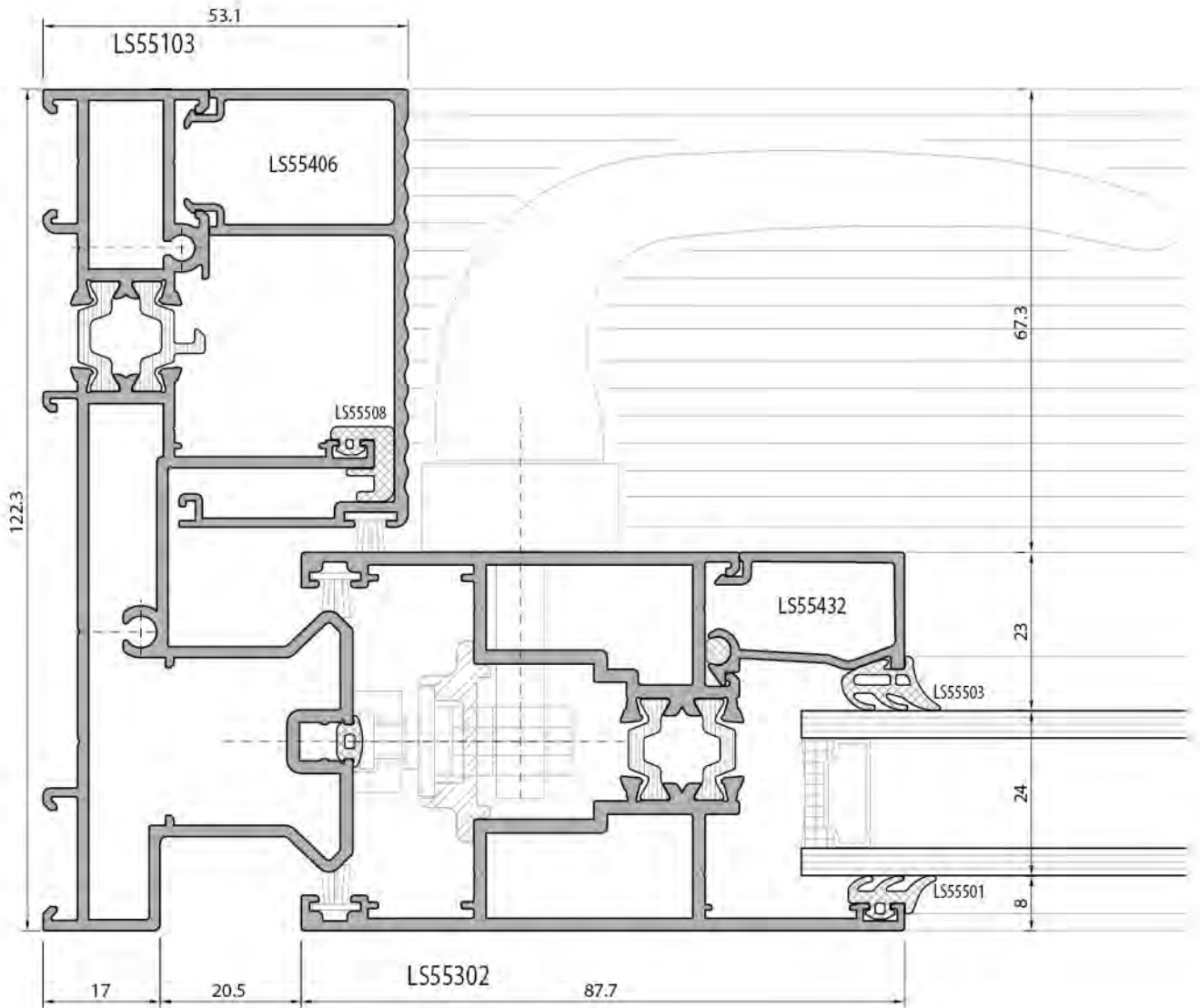
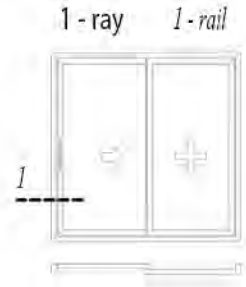


kaldır-sür açılım sistem detayı
lift-slide opening system detail



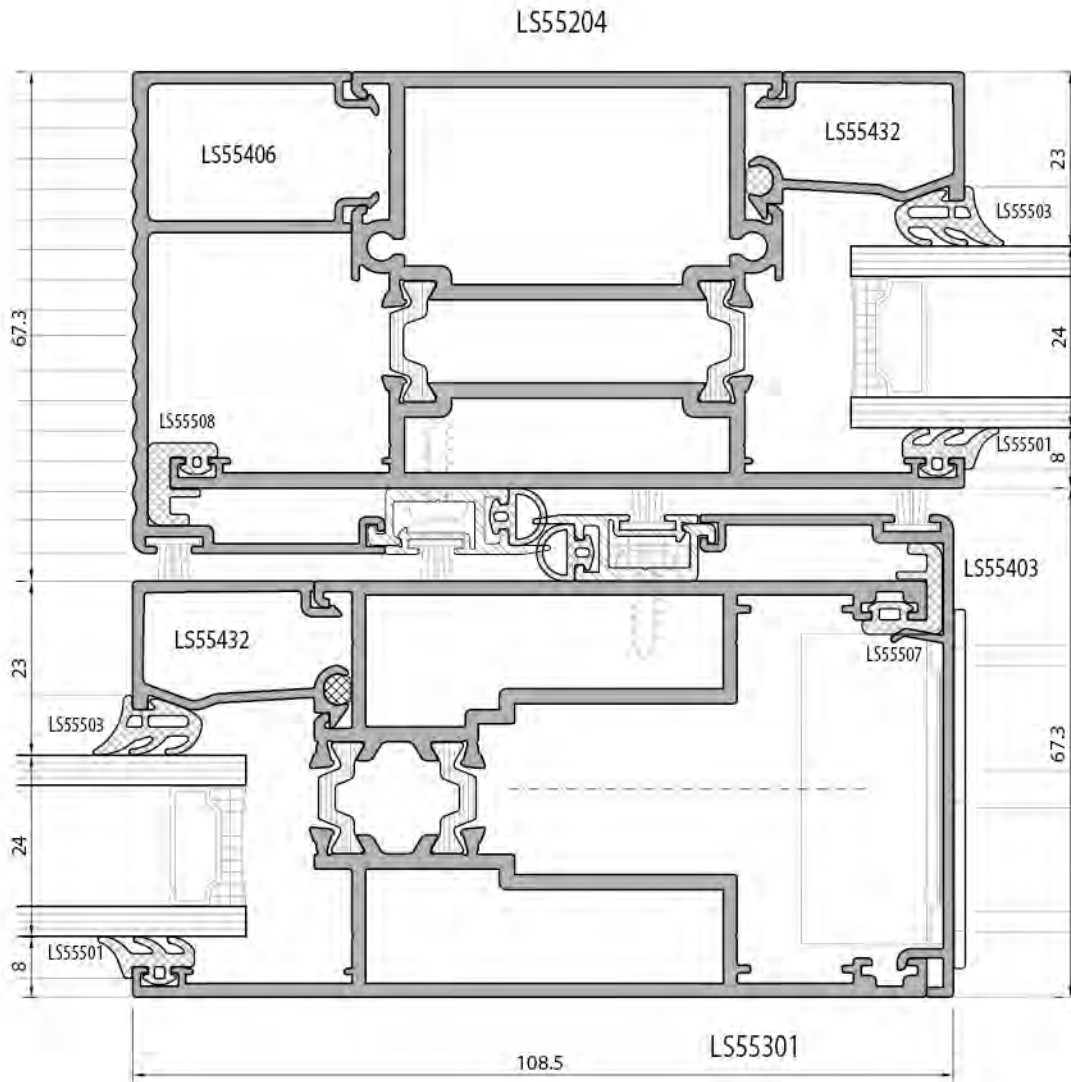
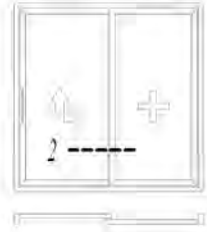


klasik sürme açılım sistem detayı
classical sliding opening system detail



kaldır-sür açılım sistem detayı
lift-slide opening system detail

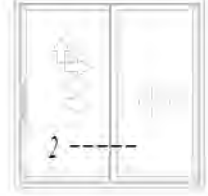
1 - ray 1 - rail



kaldır-sür açılım sistem detayı
lift-slide opening system detail

klasik sürme açılım sistem detayı
classical sliding opening system detail

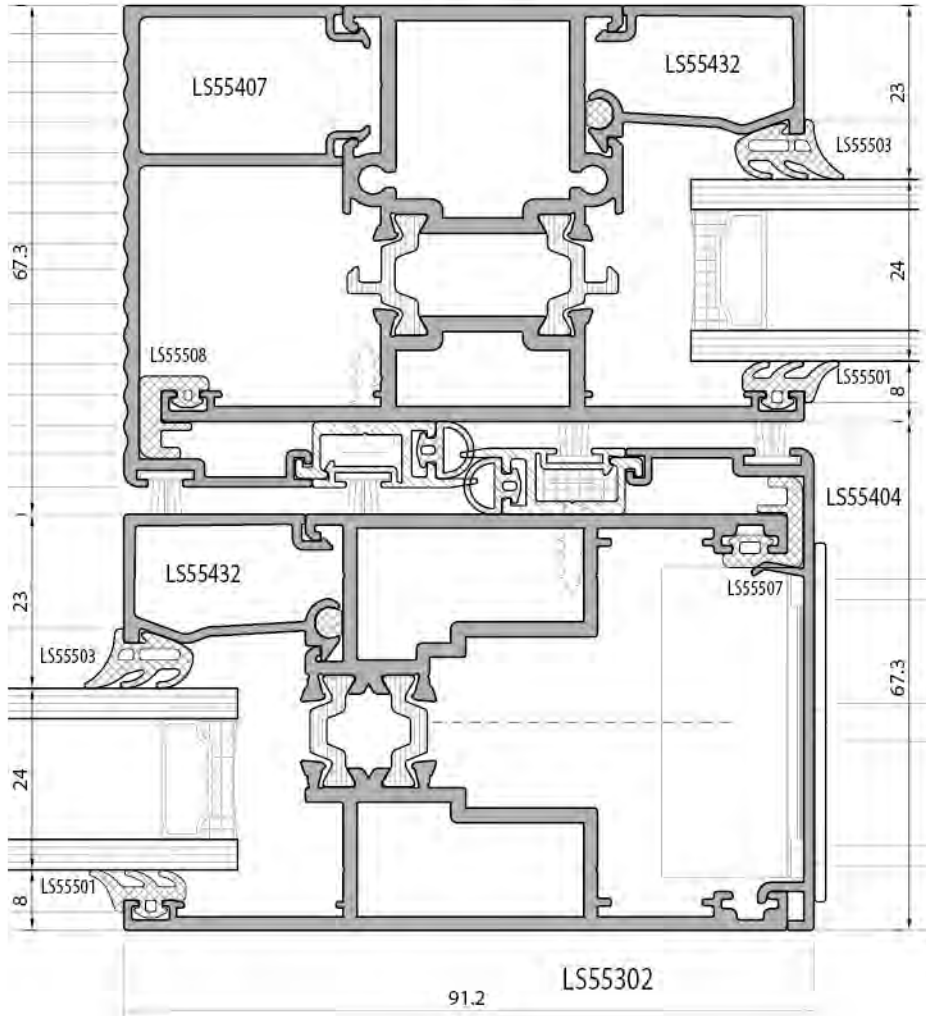
1 - ray 1 - rail

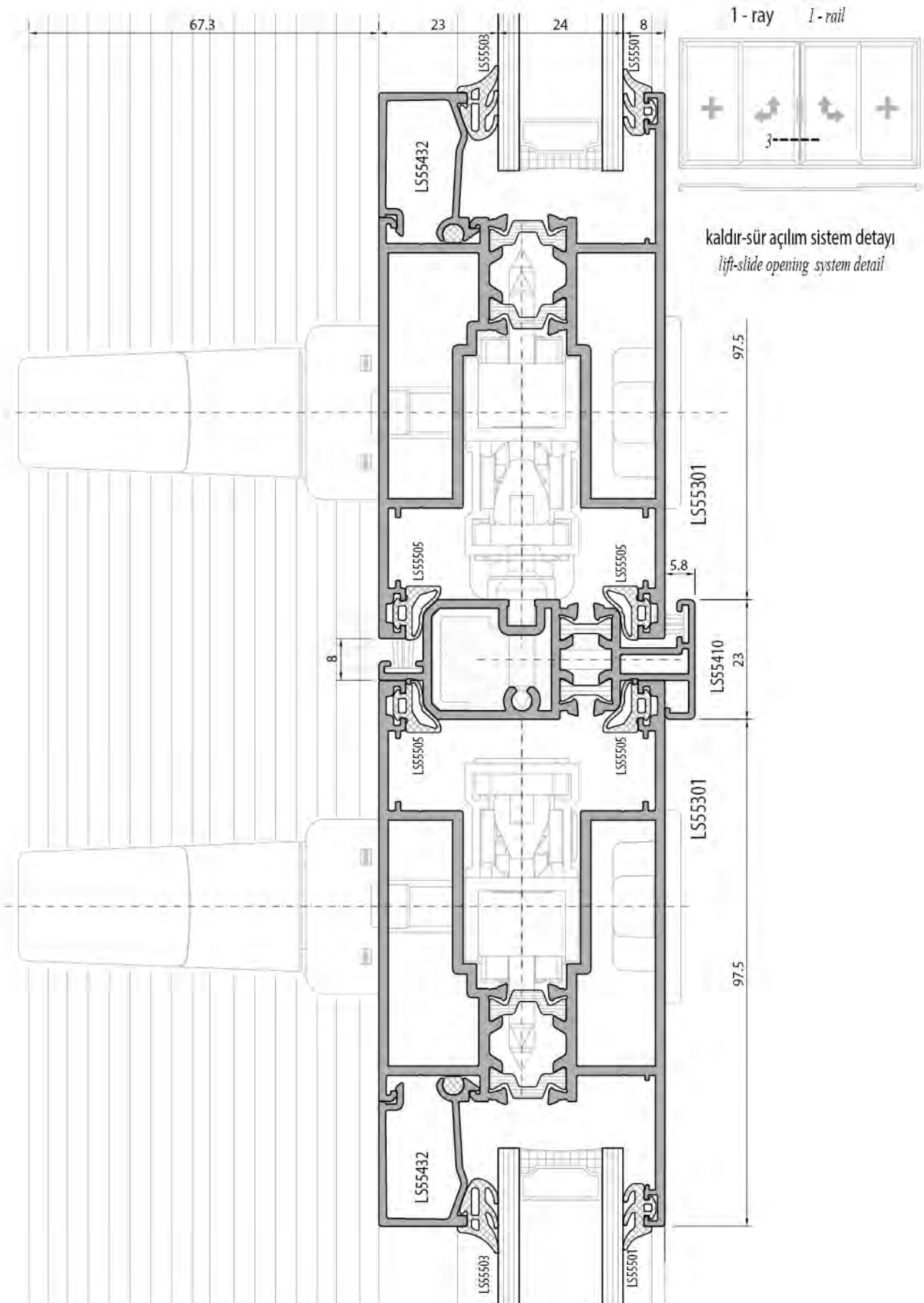


150 kg

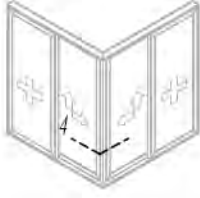
100 kg

LS55203

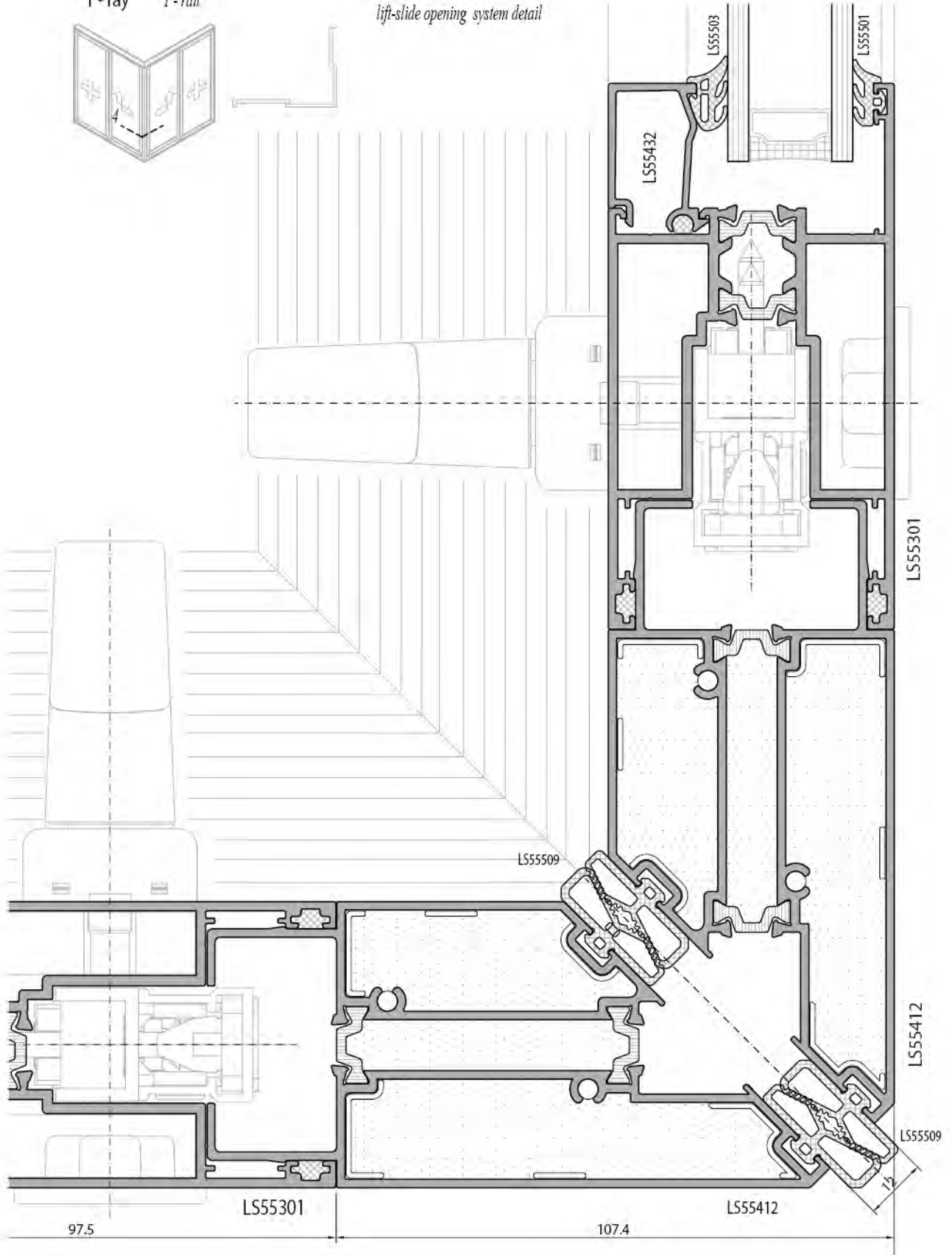




1 - ray 1 - rail

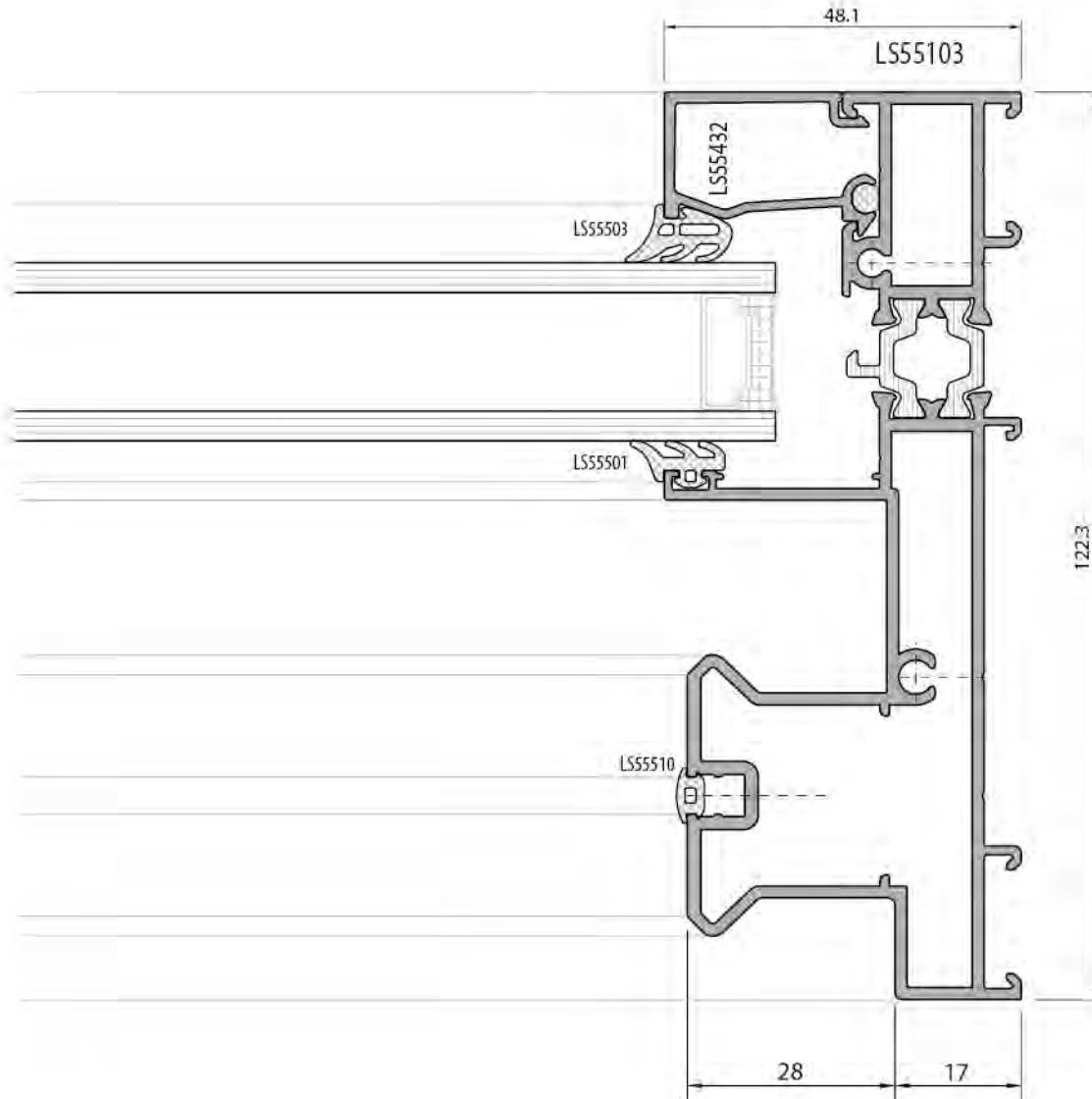


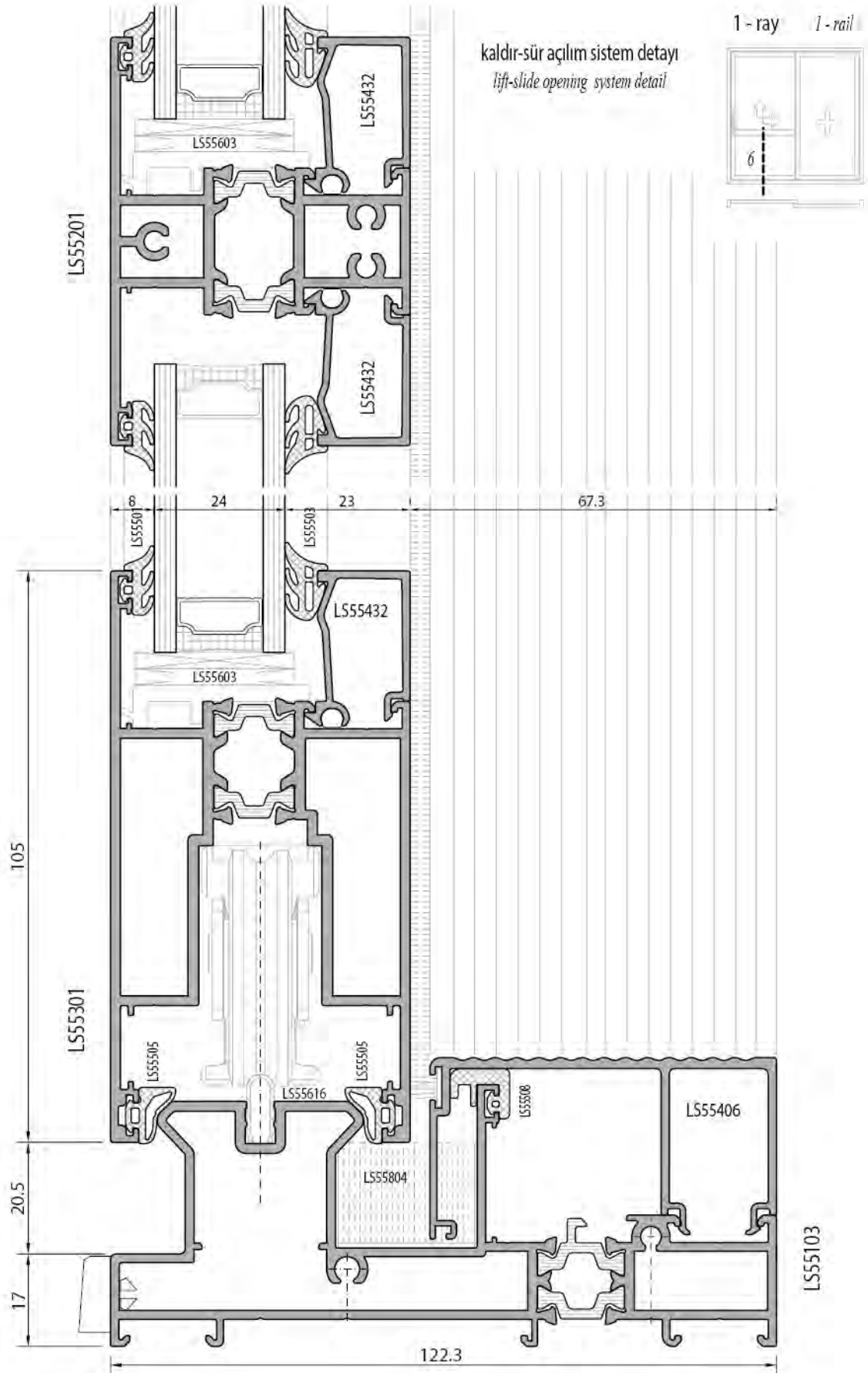
kaldır-sür açılım sistem detayı
lift-slide opening system detail

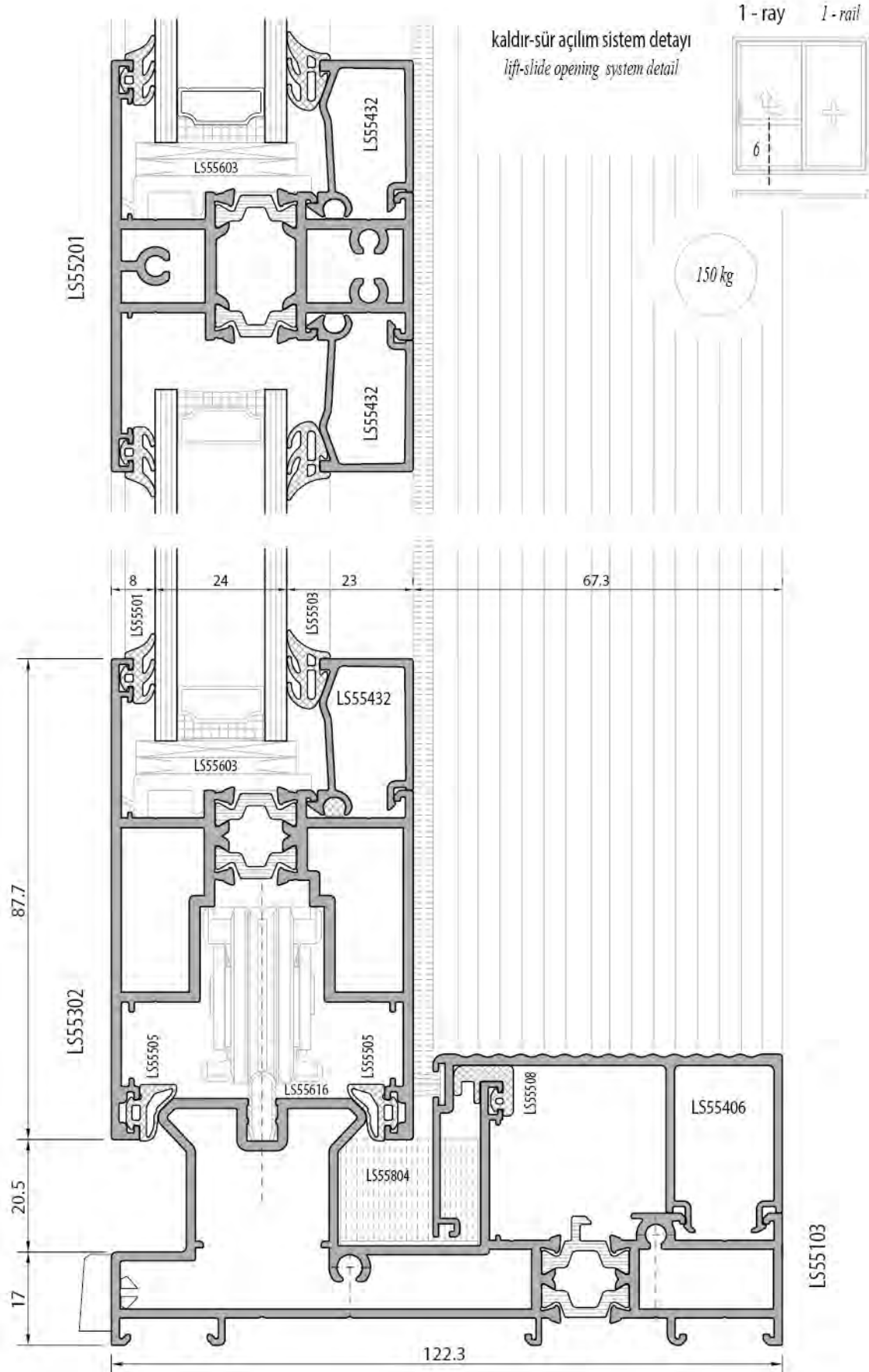


kaldır-sür açılım sistem detayı
lift-slide opening system detail

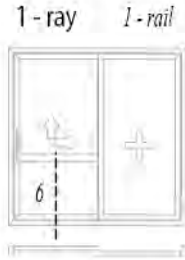
1 - ray 1 - rail



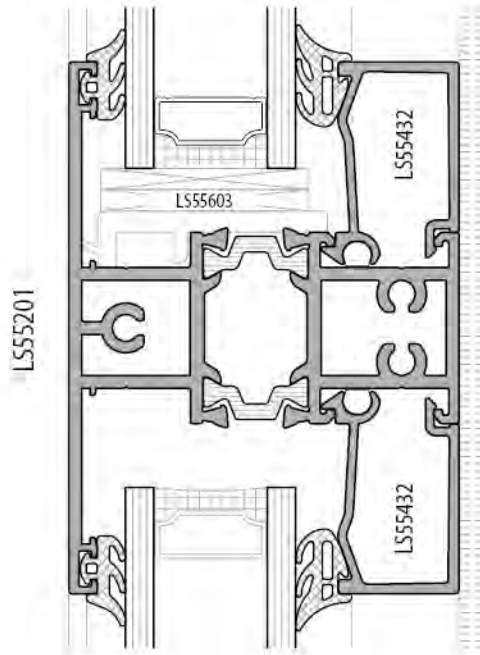




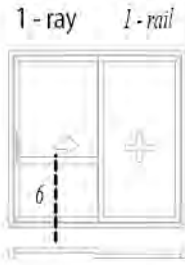
kaldır-sür açılım sistem detayı
lift-slide opening system detail



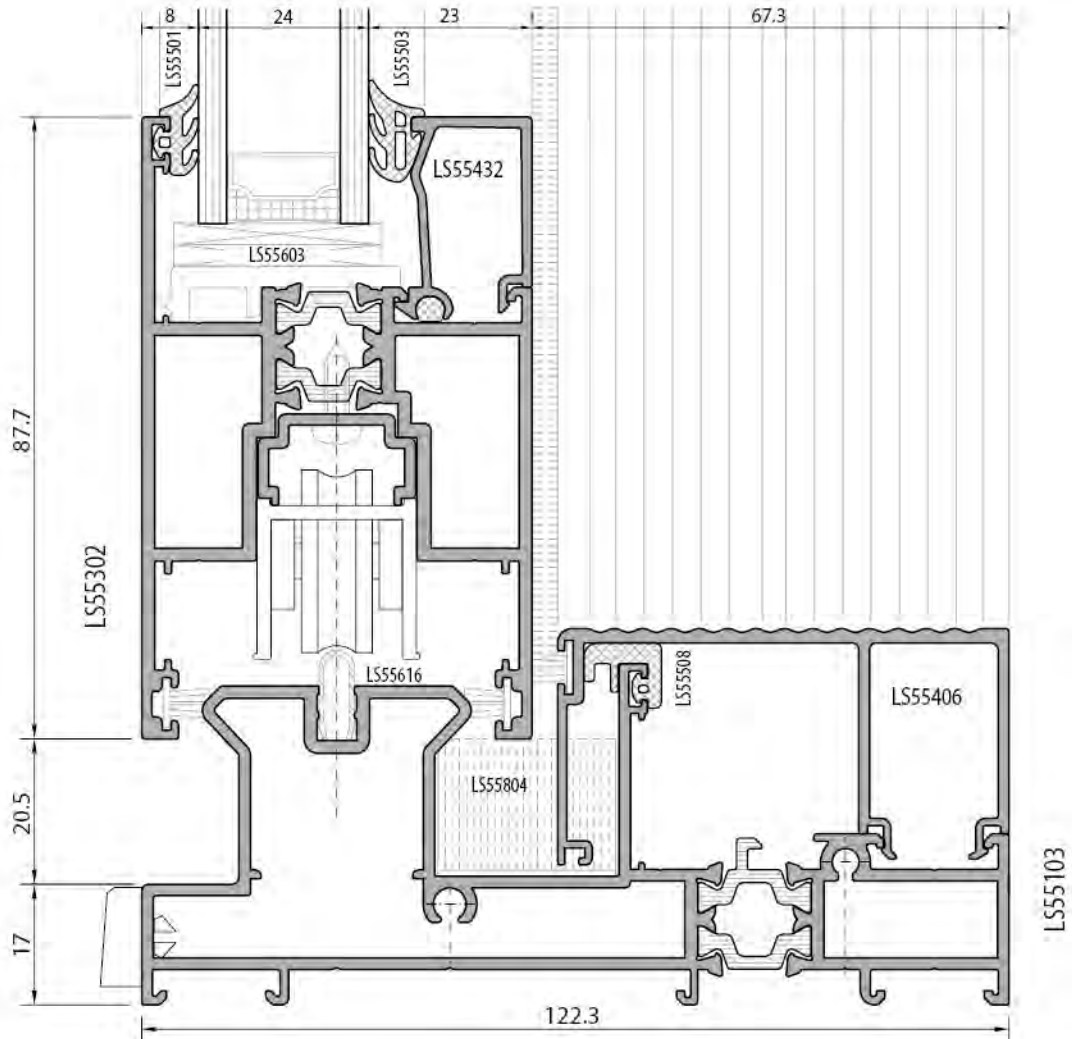
150 kg



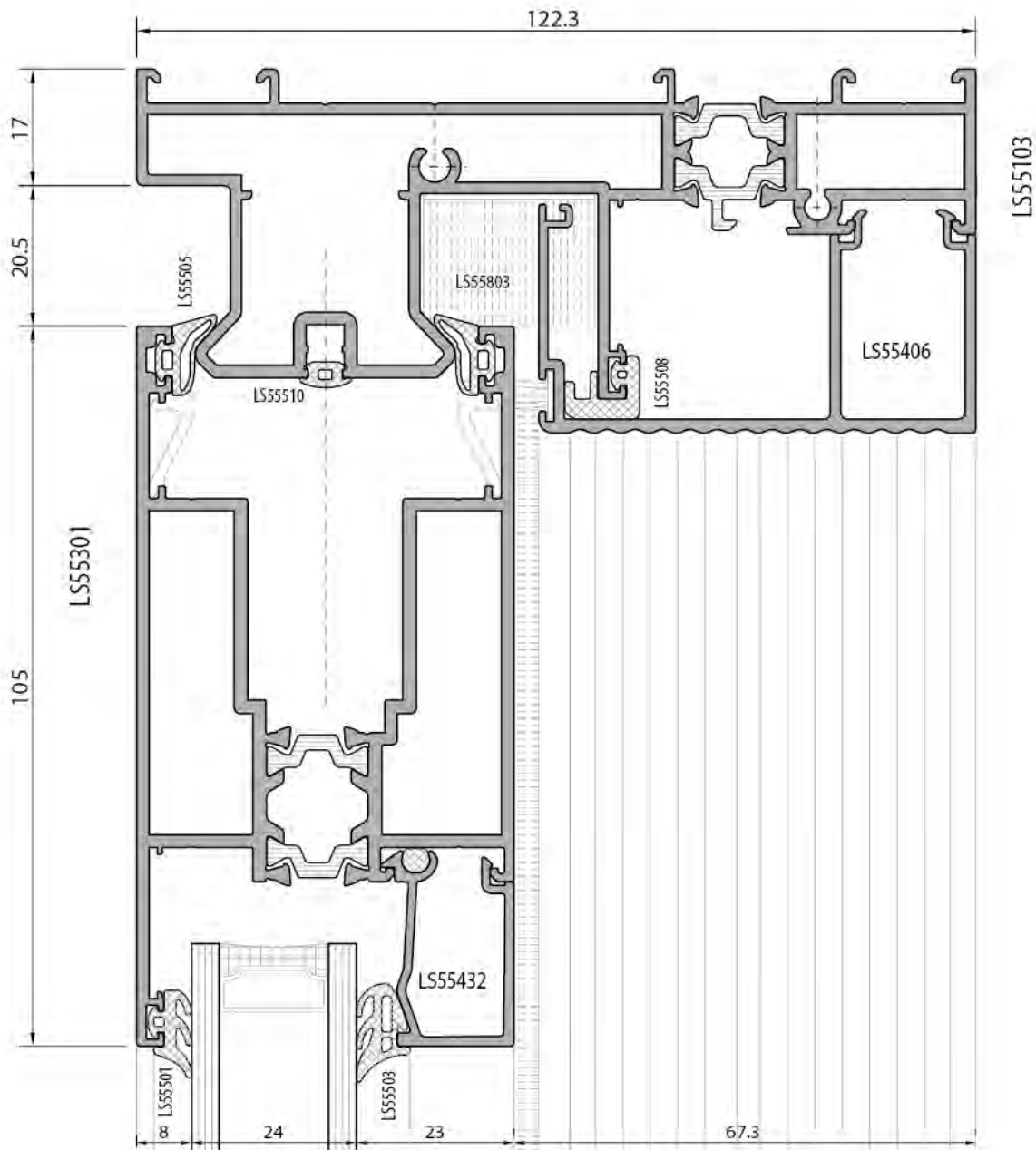
klasik sürme açılım sistem detayı
classical sliding opening system detail



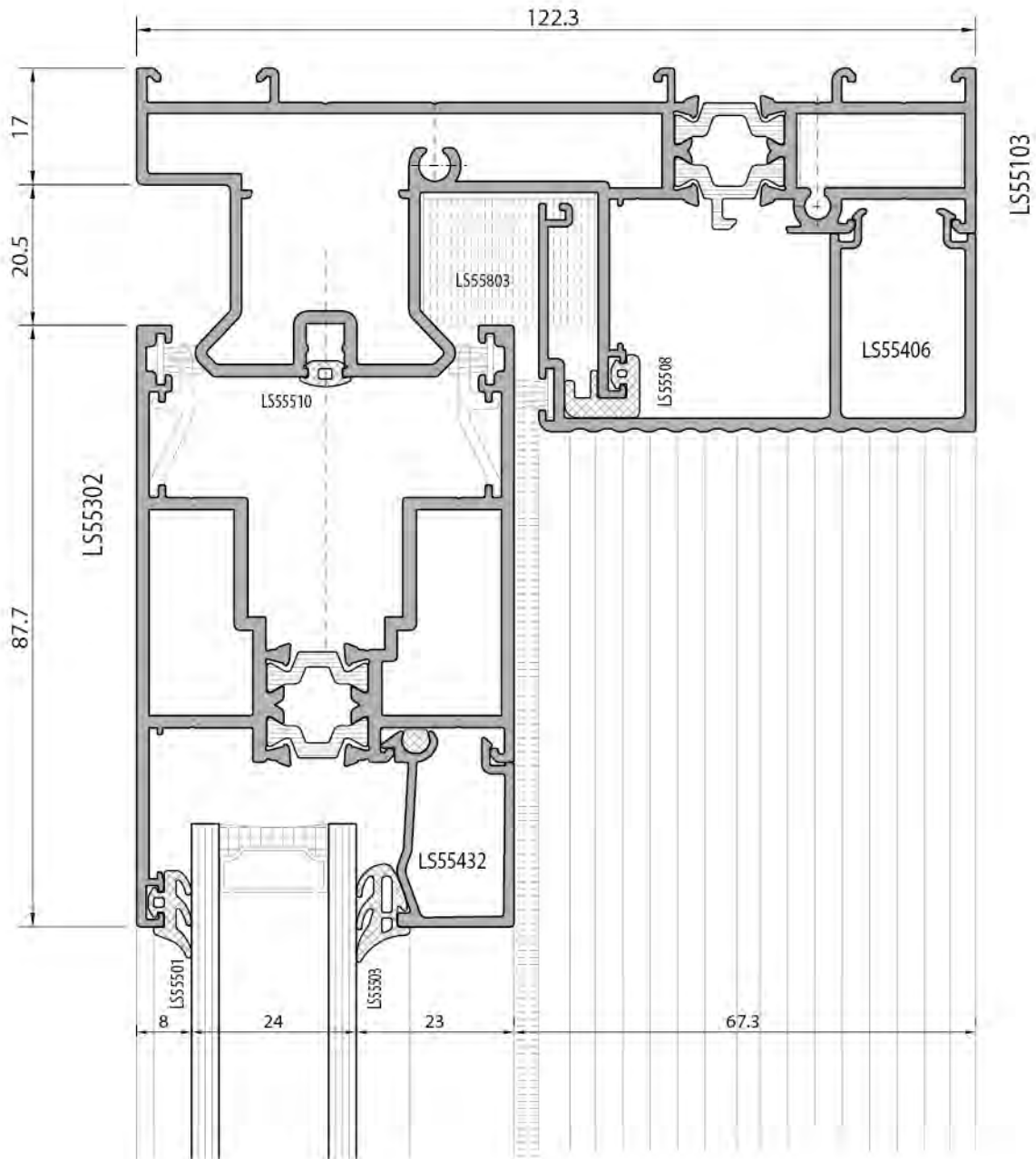
100 kg



kaldır-sür açılım sistem detayı
lift-slide opening system detail



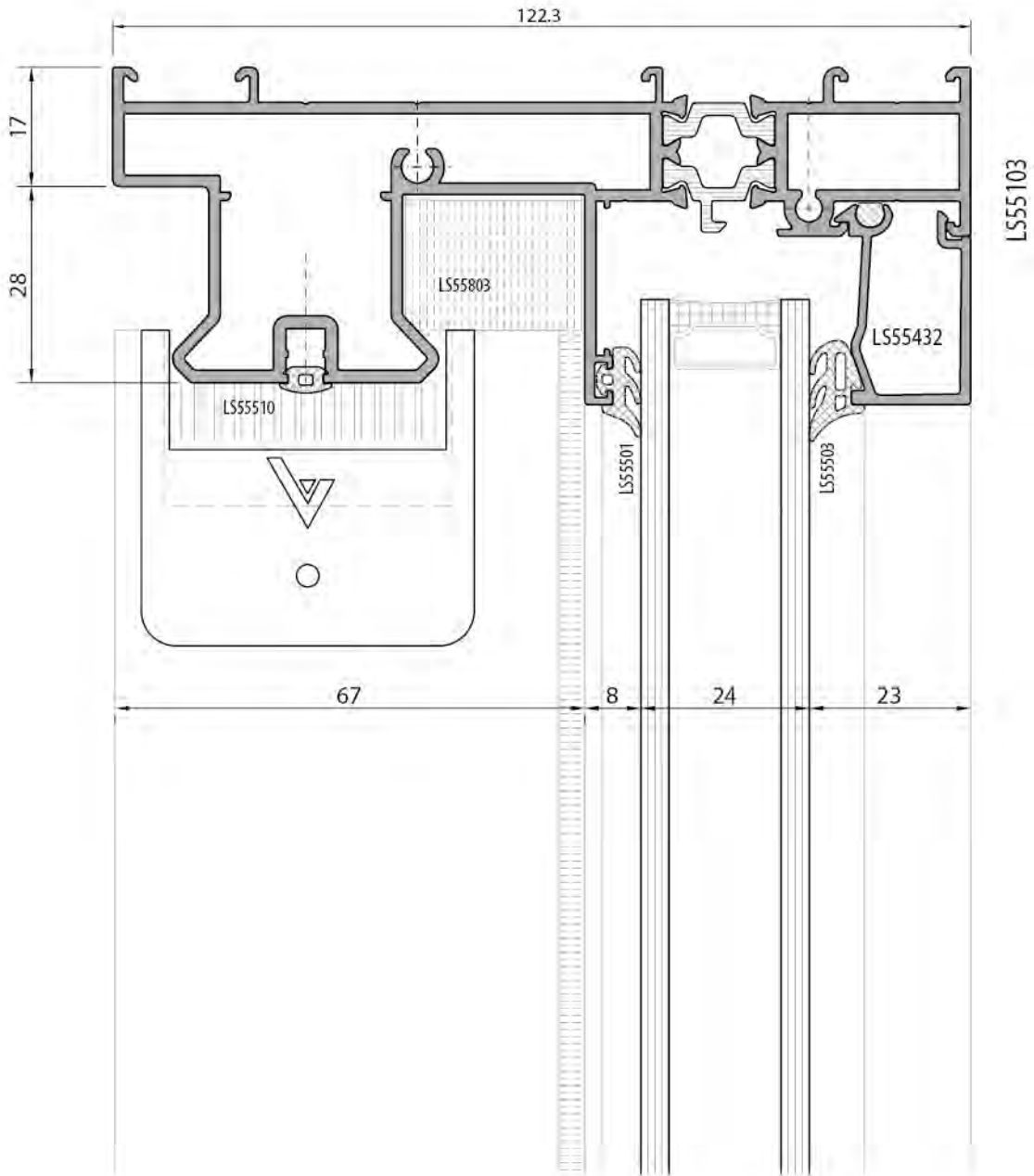
klasik sürme açılım sistem detayı
classical sliding opening system detail



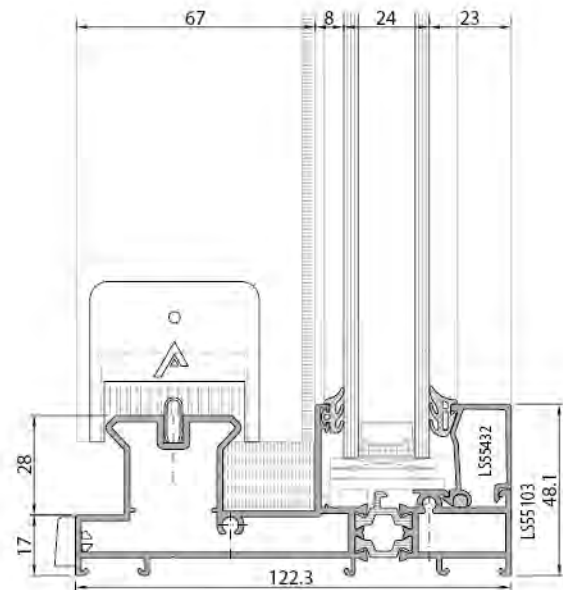
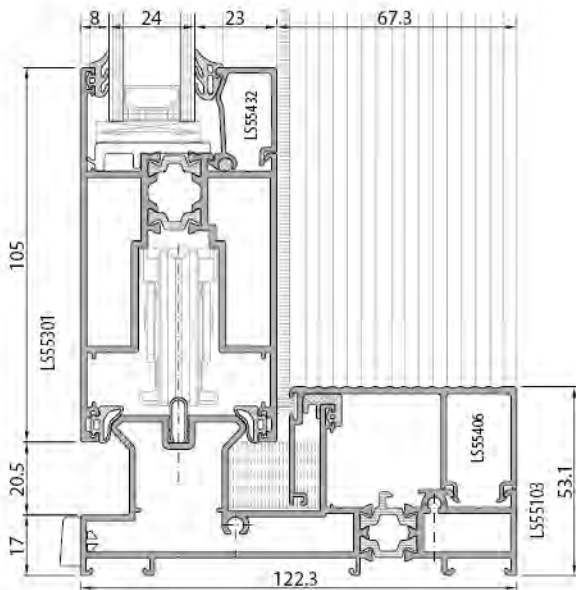
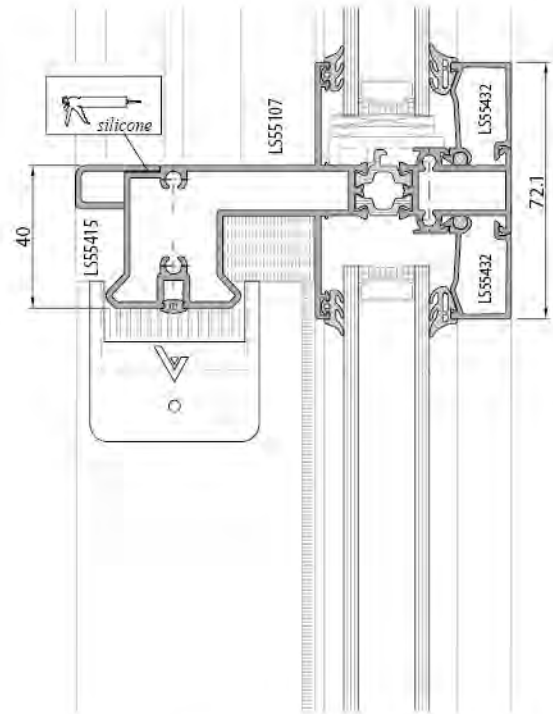
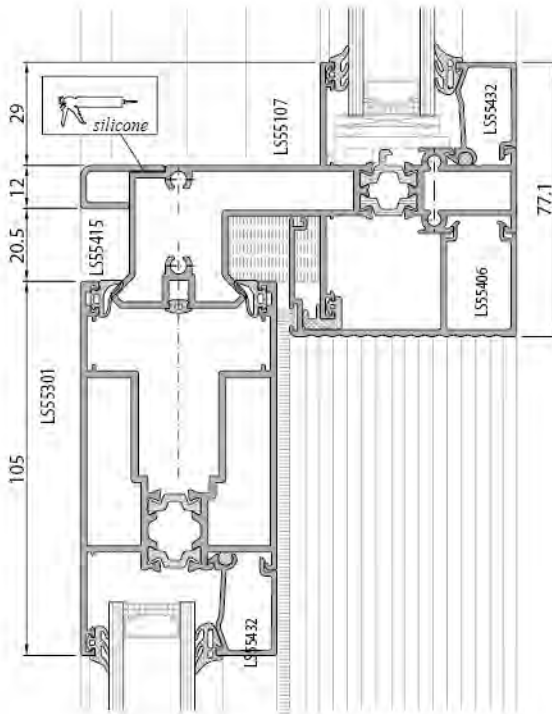
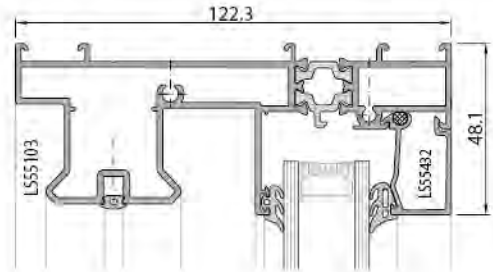
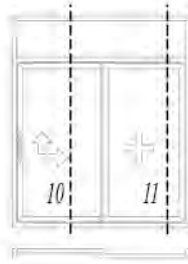
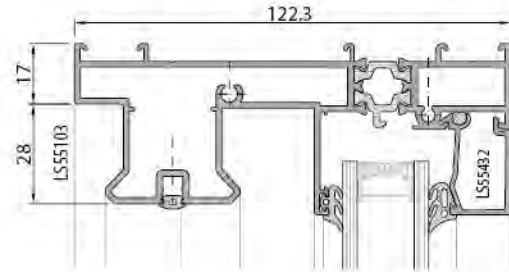
SİSTEM DETAYLARI / SYSTEM DETAILS

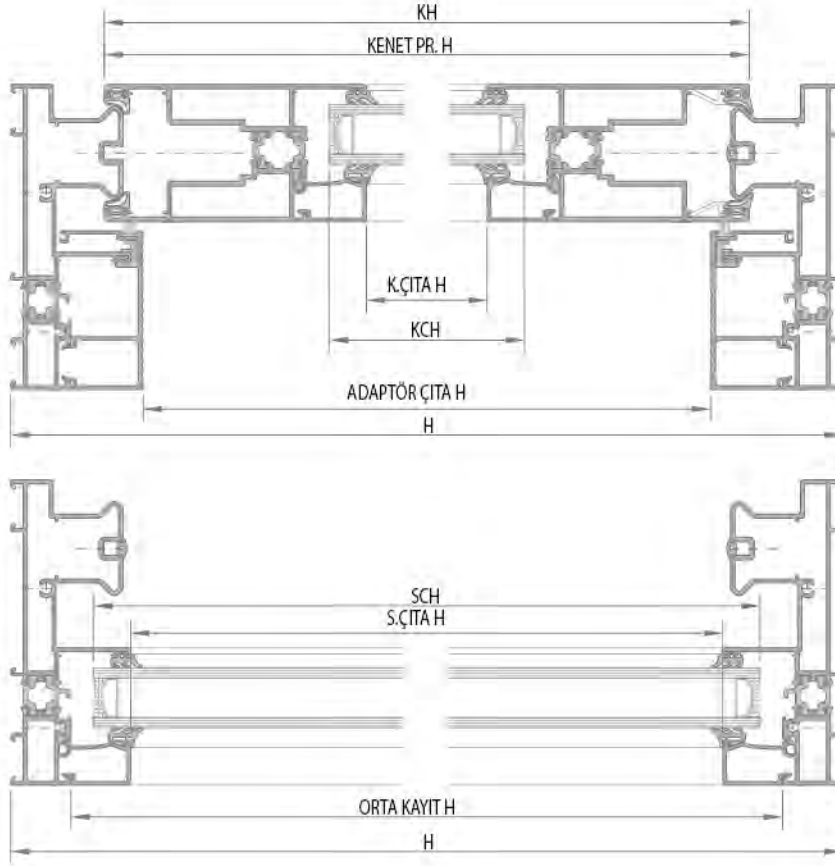


kaldır-sür açılım sistem detayı
lift-slide opening system detail



kaldır-sür açılım sistem detayı
lift-slide opening system detail





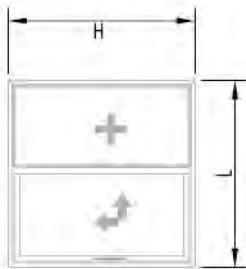
LS55702

Lift-slide fittings / 300 KG

KALDIR-SÜR AÇILIM

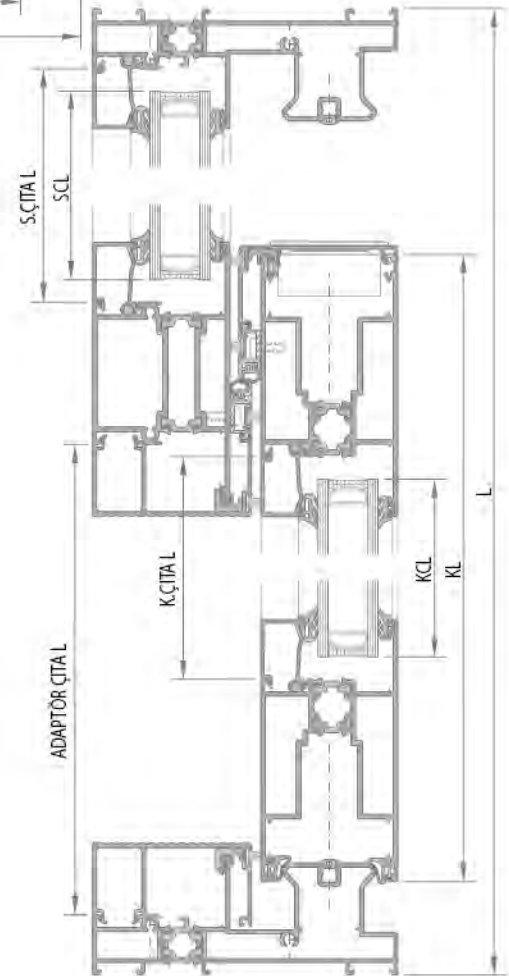
LIFT-SLIDE OPENING

I - ray I - rail

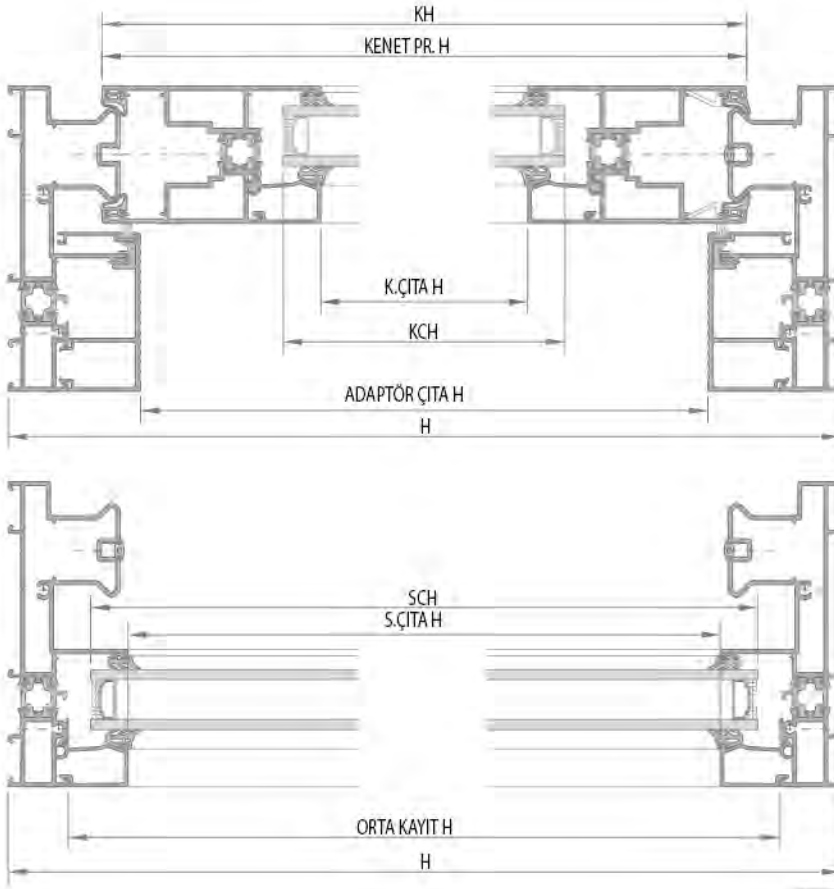


İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni	: L
Sürme Yüksekliği	: H
Kanat Eni	: KL L2 - 60
Kanat Yüksekliği	: KH H - 75
Kanat Cam Eni	: KCL L2 - 120
Kanat Cam Yık.	: KCH H - 255
Sabit Cam Eni	: SCL L2 - 120
Sabit Cam Yüksekliği	: SCH H - 66
Kanat Çita Eni	: KÇita L L2 - 102
Kanat Çita Yık.	: KÇita H H - 284
Sabit Çita Eni	: SÇita L L2 - 102
Sabit Çita Yık.	: SÇita H H - 96
Adaptör Çita Eni	: L2 - 3
Adaptör Çita H	: H - 106
Kenet Profili H	: H - 75
Orta Kayıt H	: H - 48



- Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.
- Hesaplama orta kayıt profili LS55204'e göre yapılmıştır.
The calculation was made on the mullion profile LS55204.

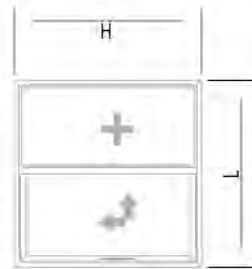


LS55701

Lift-slide fittings / 150 KG

KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

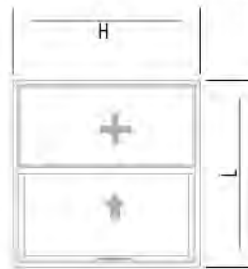
l - ray l - rail



KLASİK SÜRME AÇILIM

CLASSICAL SLIDING OPENING

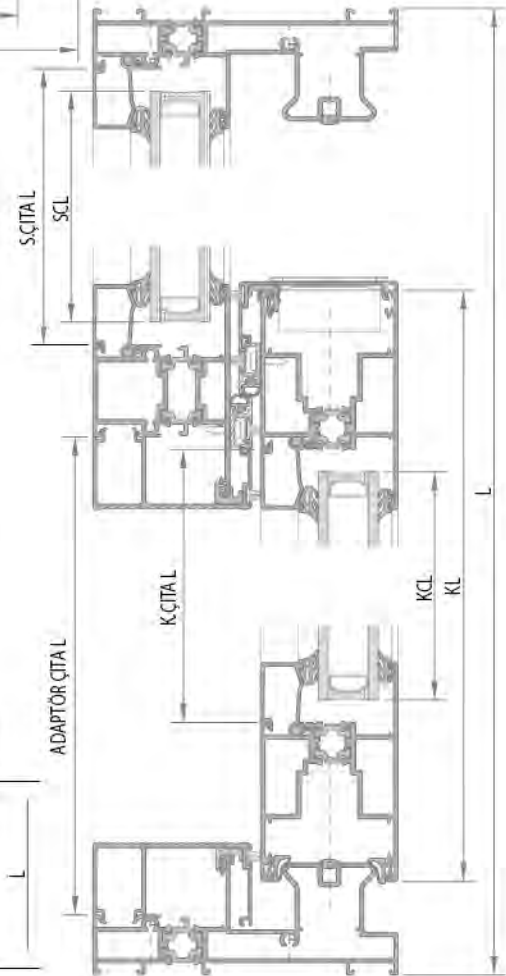
l - ray l - rail



İmalat ve Kesim Planı
Cutting Dimensions

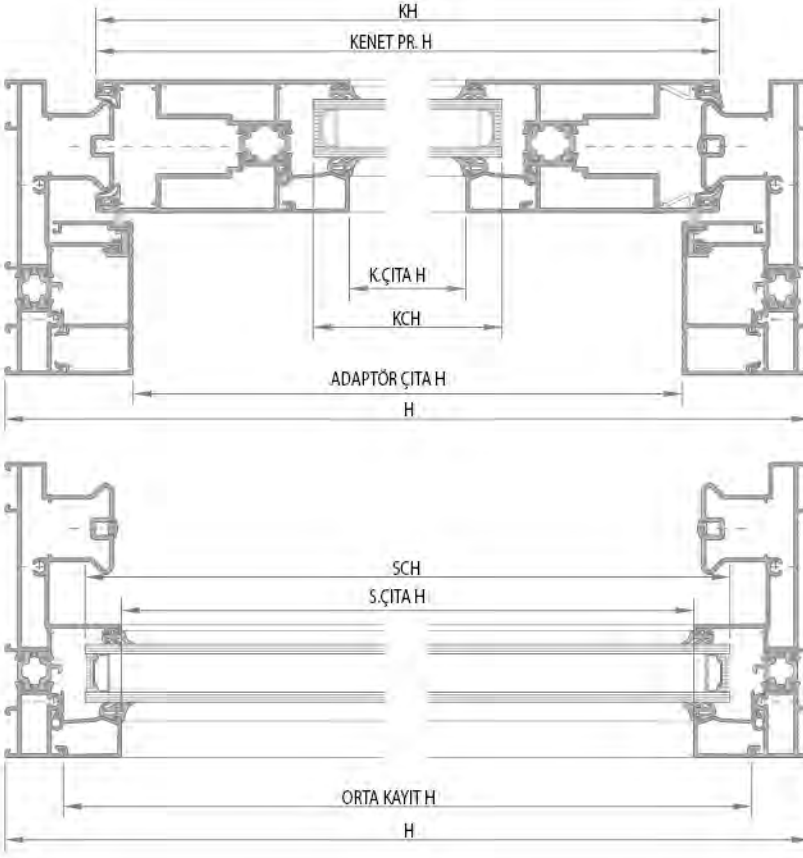
Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni	: KL L2 - 44
Kanat Yüksekliği	: KH H - 75
Kanat Cam Eni	: KCL L3 - 102
Kanat Cam Yüksekliği	: KCH H - 220
Sabit Cam Eni	: SCL L2 - 102
Sabit Cam Yüksekliği	: SCH H - 66
Kanat Çita Eni	: K.Çita L L2 - 84
Kanat Çita Yüksekliği	: K.Çita H H - 250
Sabit Çita Eni	: S.Çita L L2 - 84
Sabit Çita Yüksekliği	: S.Çita H H - 96
Adaptör Çita Eni	: L2 - 2
Adaptör Çita Yüksekliği	: H - 106
Kenet Profili H	: H - 75
Orta Kayıt H	: H - 48

100 kg



* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

* Hesaplama orta kayıt profili LS55204'e göre yapılmıştır.
The calculation was made on the mullion profile LS55204.



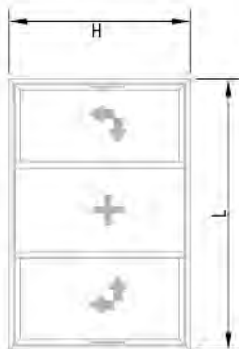
LS55702

Lift-slide fittings / 300 KG

KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING
1 - ray 1 - rail

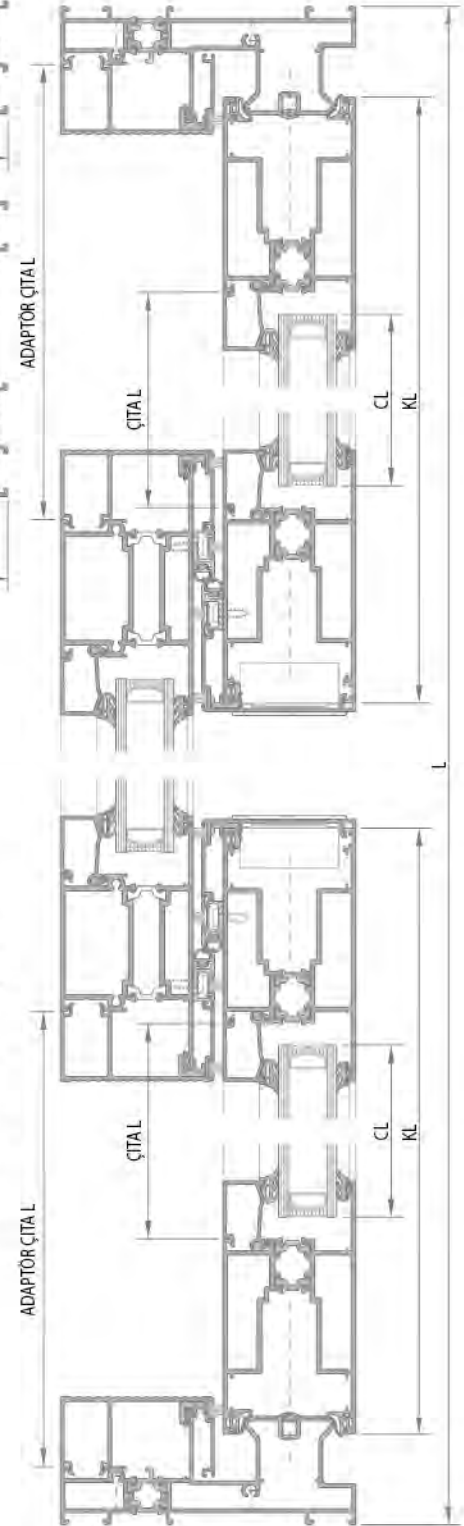
İnşaat ve Kesim Planı
Cutting Dimensions

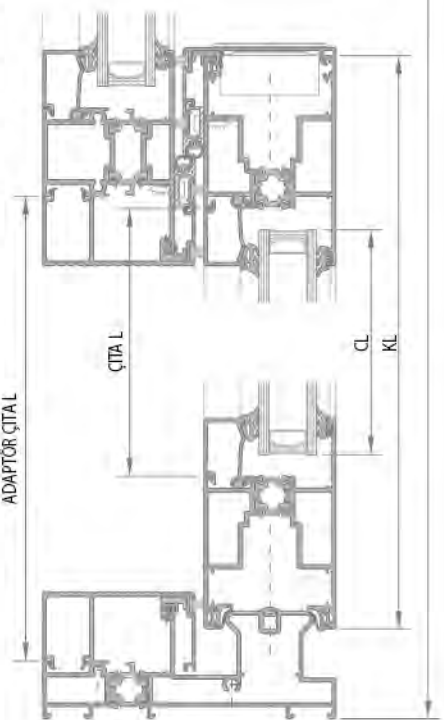
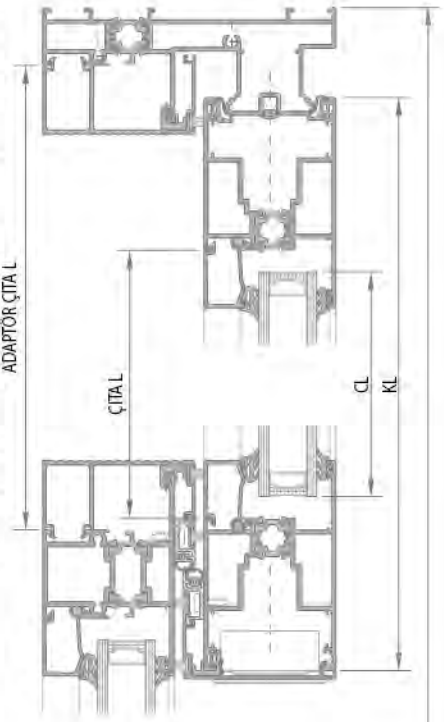
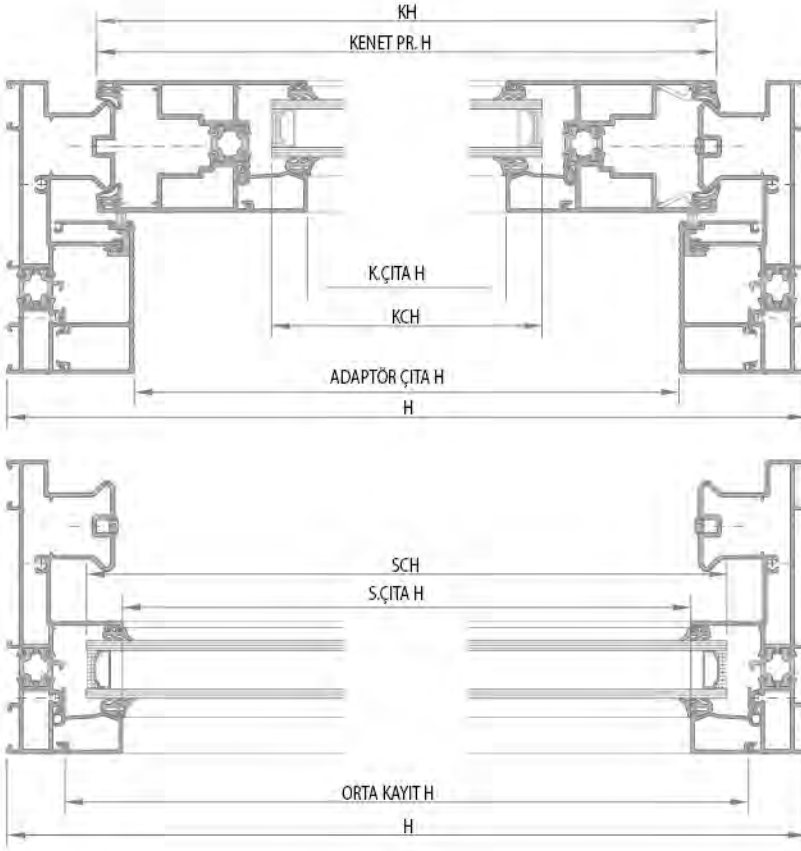
Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni	: KL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yük.	: KCH
Sabit Cam Eni	: SCL
Sabit Cam Yüksekliği	: SCH
Kanat Çita Eni	: K Çita L
Kanat Çita Yük.	: K Çita H
Sabit Çita Eni	: S Çita L
Sabit Çita Yük.	: S Çita H
Adaptör Çita Eni	: L3 - 21
Adaptör Çita H	: H - 106
Kenet Profili H	: H - 75
Orta Kayıt H	: H - 48



* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

* Hesaplama orta kayıt profili LS55204'e göre yapılmıştır.
The calculation was made on the middle profile LS55204.



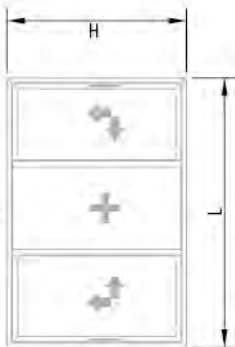


LS55701

Lift-slide fittings / 150 KG

KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

1 - ray 1 - rail

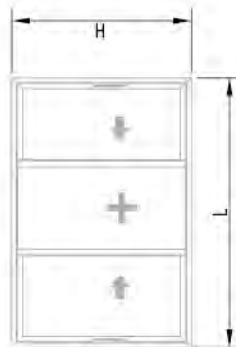


100 kg

KLASİK SÜRME AÇILIM

CLASSICAL SLIDING OPENING

1 - ray 1 - rail



İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni Kanat Yüksekliği	: KL : KH
Kanat Cam Eni Kanat Cam Yük	: KCL : KCH
Sabit Cam Eni Sabit Cam Yüksekliği	: SCH : SCH
Kanat Çita Eni Kanat Çita Yük	: K.Çita L : K.Çita H
Sabit Çita Eni Sabit Çita Yük	: S.Çita L : S.Çita H
Adaptör Çita Eni Adaptör Çita H	: L3 - 13 : H - 106
Kenet Profili H Orta Kayıt H	: H - 75 : H - 48

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

* Hesaplama orta kayıt profili LS55203'e göre yapılmıştır.
The calculation was made on the mullion profile LS55203.

KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

Lift-slide fittings / 300 KG

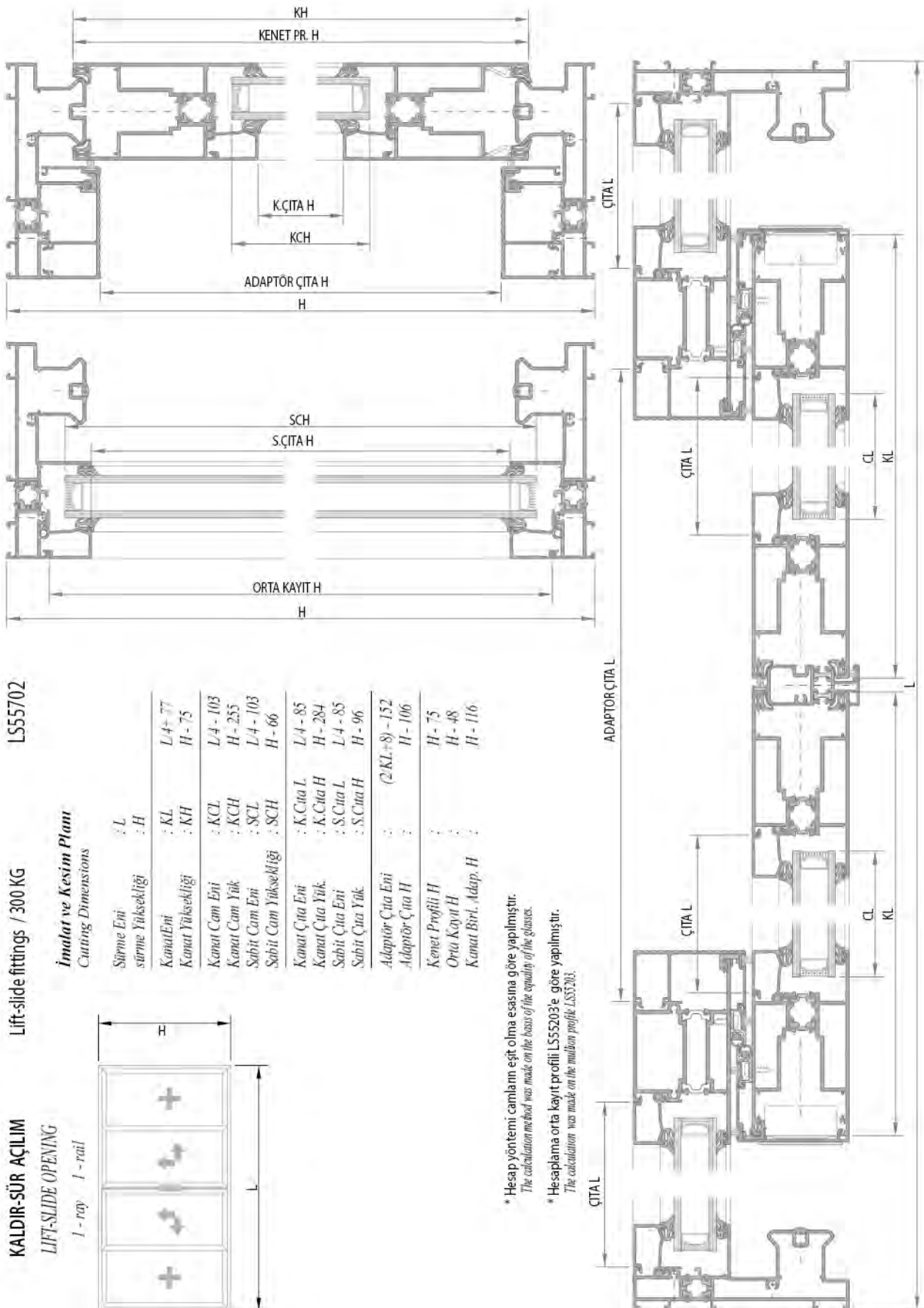
LS55702

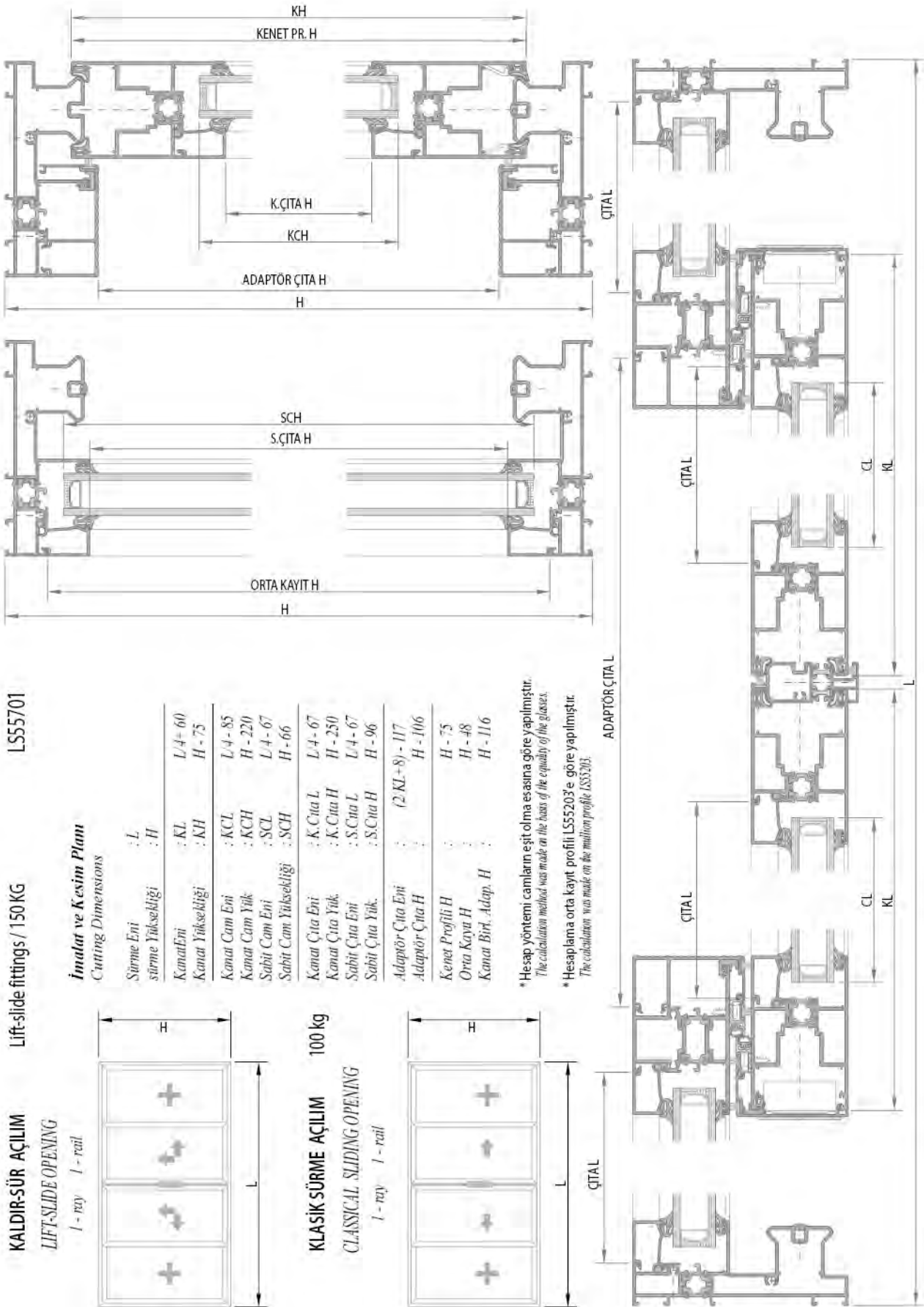
İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni	L
sürme Yüksekliği	H
KanalEni	: KL
Kanal Yüksekliği	: KH
Kanal Cam Eni	: KCL
Kanal Cam Yüksekliği	: KCH
Sabit Cam Eni	: SCH
Sabit Cam Yüksekliği	: SCH
Kanal Çita Eni	: KÇita L
Kanal Çita Yüksekliği	: KÇita H
Sabit Çita Eni	: SÇita L
Sabit Çita Yüksekliği	: SÇita H
Adaptör Çita Eni	: (2KL+8) - 152
Adaptör Çita Yüksekliği	: H - 106
Kenar Profil H	: H - 75
Orta Kayış H	: H - 48
Kanal Birl. Adap. H	: H - 116

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

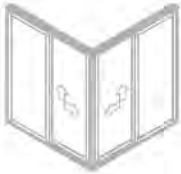
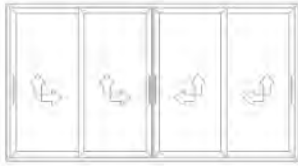
* Hesaplama orta kayıt profili LS55203'e göre yapılmıştır.
The calculation was made on the midspan profile LS55203.





KALDIR-SÜR AÇILIM İTİLERİ
LIFT-SLIDE OPENING TYPES

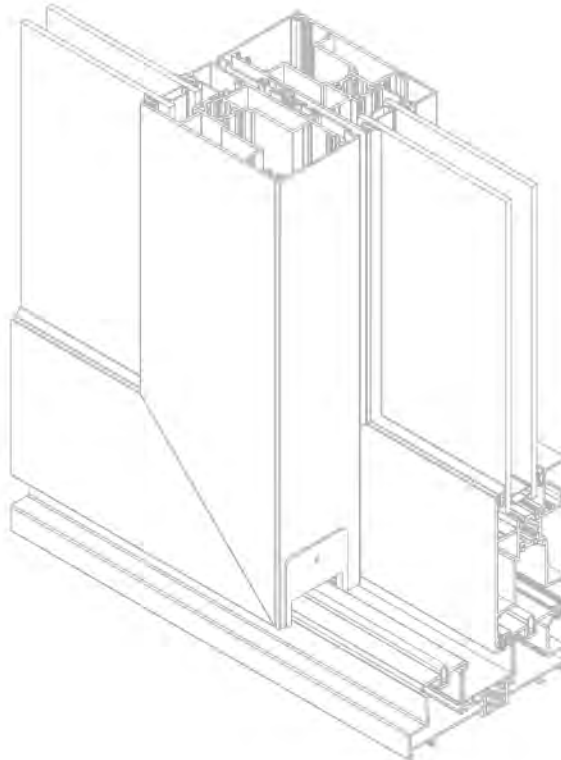
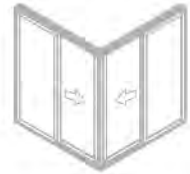
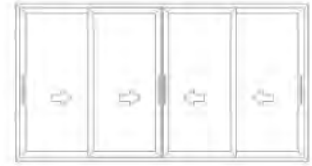
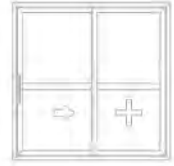
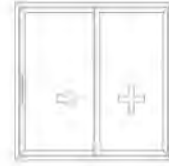
2 - ray 2 - rail



2 - RAY PROFİL SİSTEMİ
2 - RAIL PROFILE SYSTEM

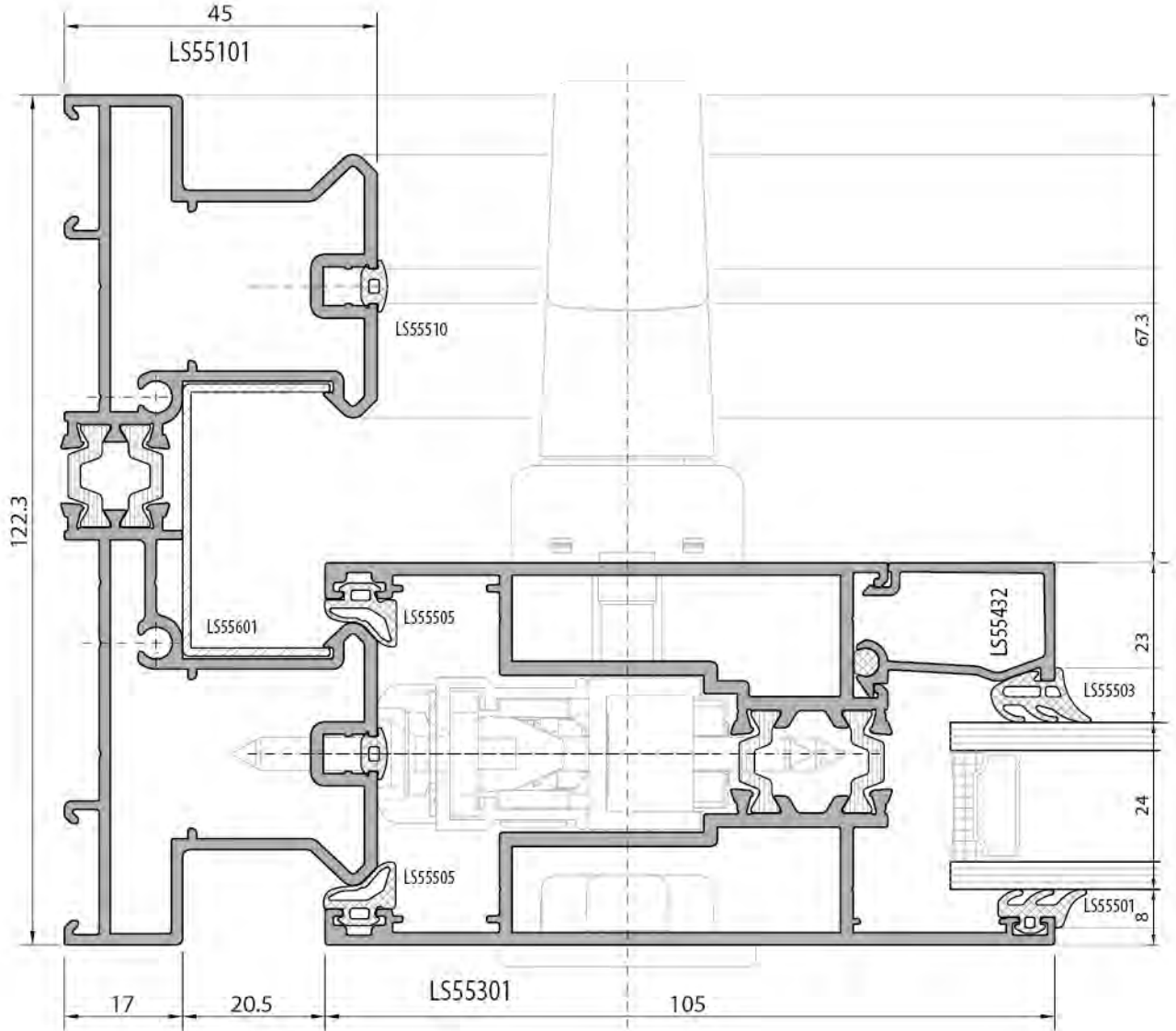
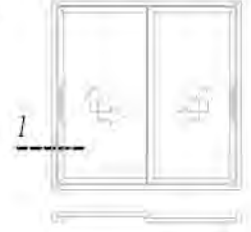
KLASİK SÜRME AÇILIM İTİLERİ
CLASSICAL SLIDING OPENING TYPES

2 - ray 2 - rail



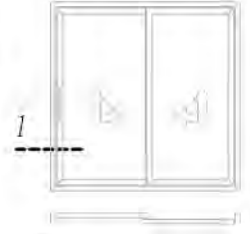
kaldır-sür açılım sistem detayı
lift-slide opening system detail

2 - ray 2 - rail

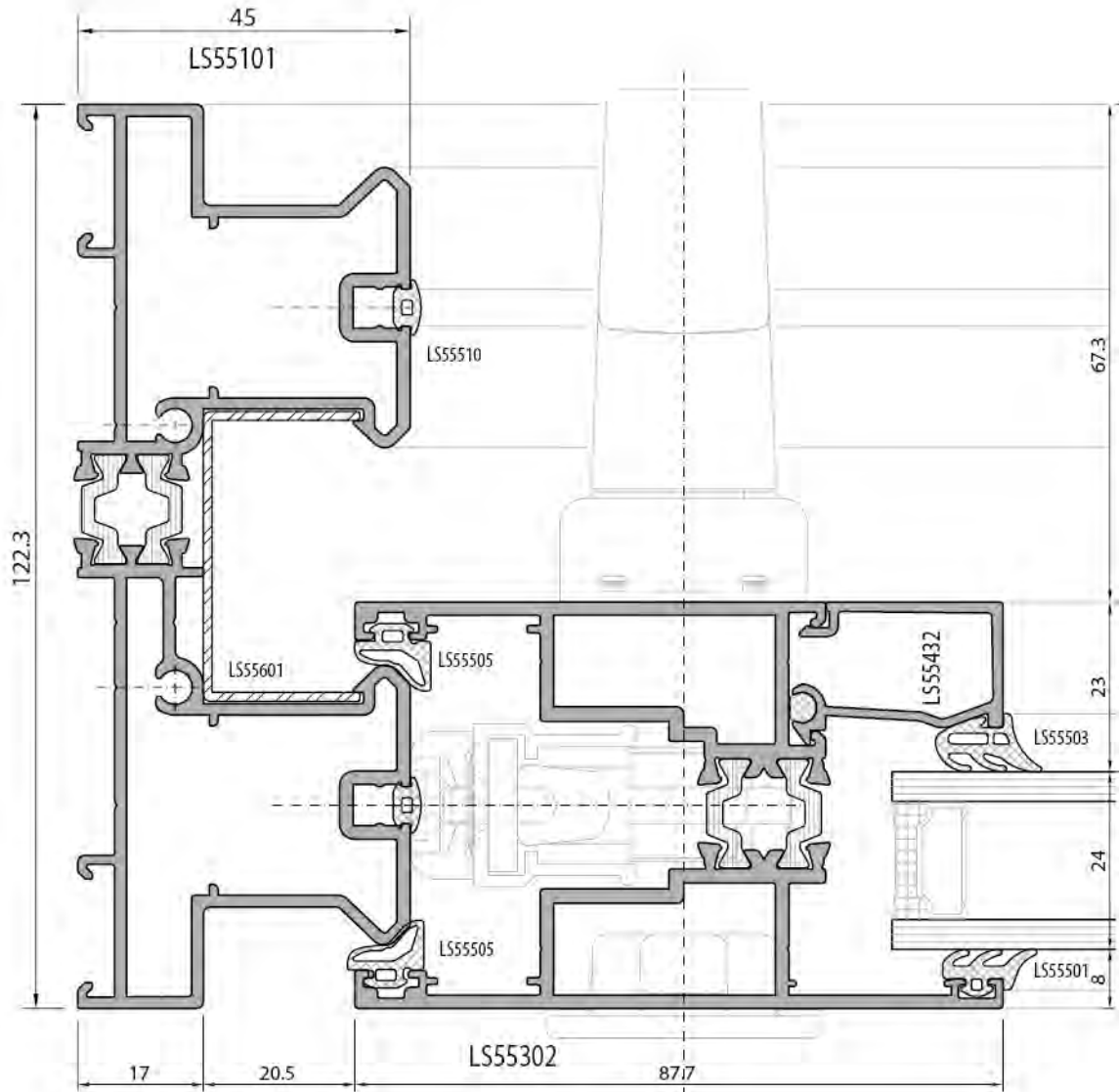


kaldır-sür açılım sistem detayı
lift-slide opening system detail

2 - ray 2 - rail



150 kg



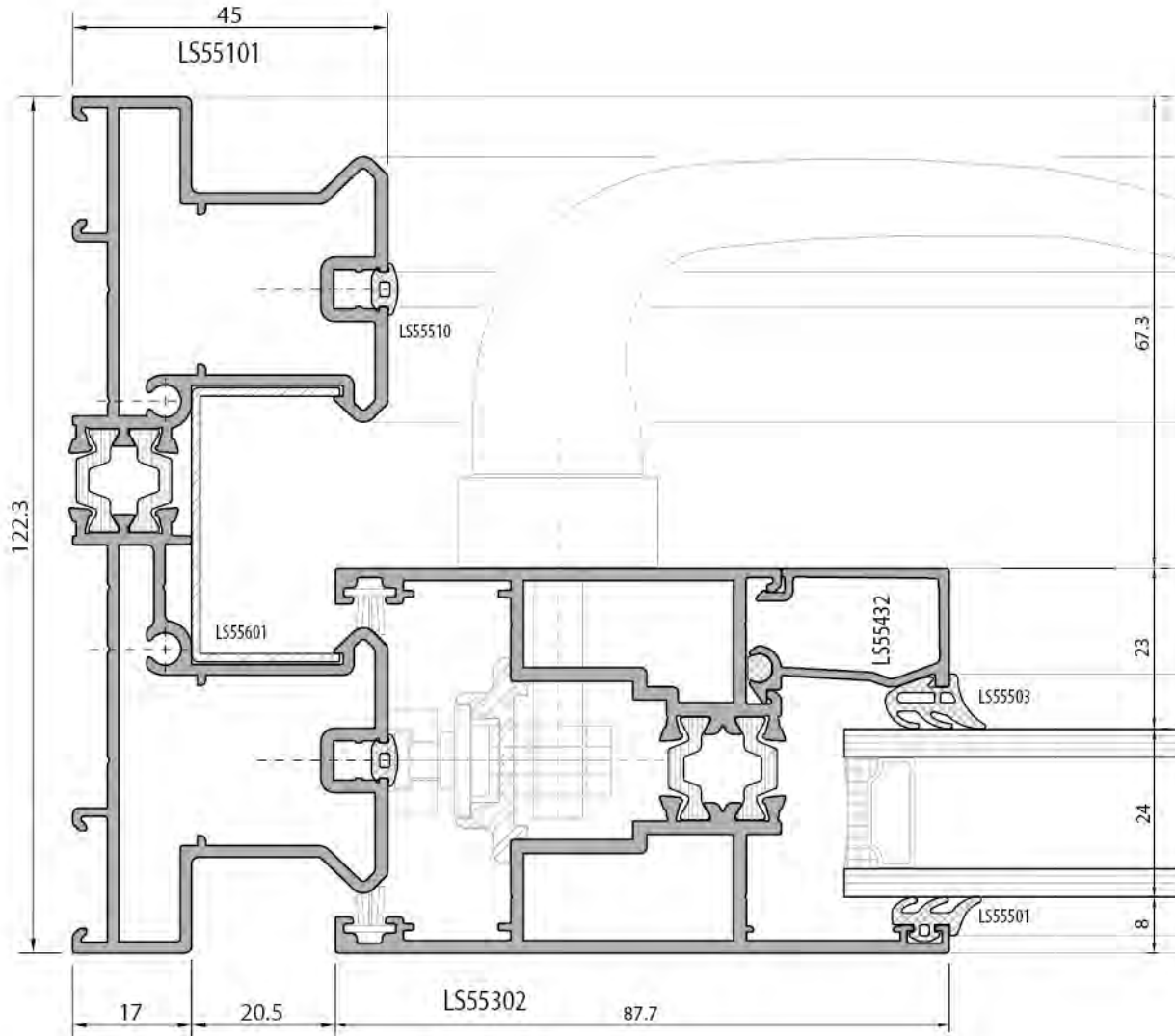
klasik sürme açılım sistem detayı
classical sliding opening system detail

2 - ray 2 - rail



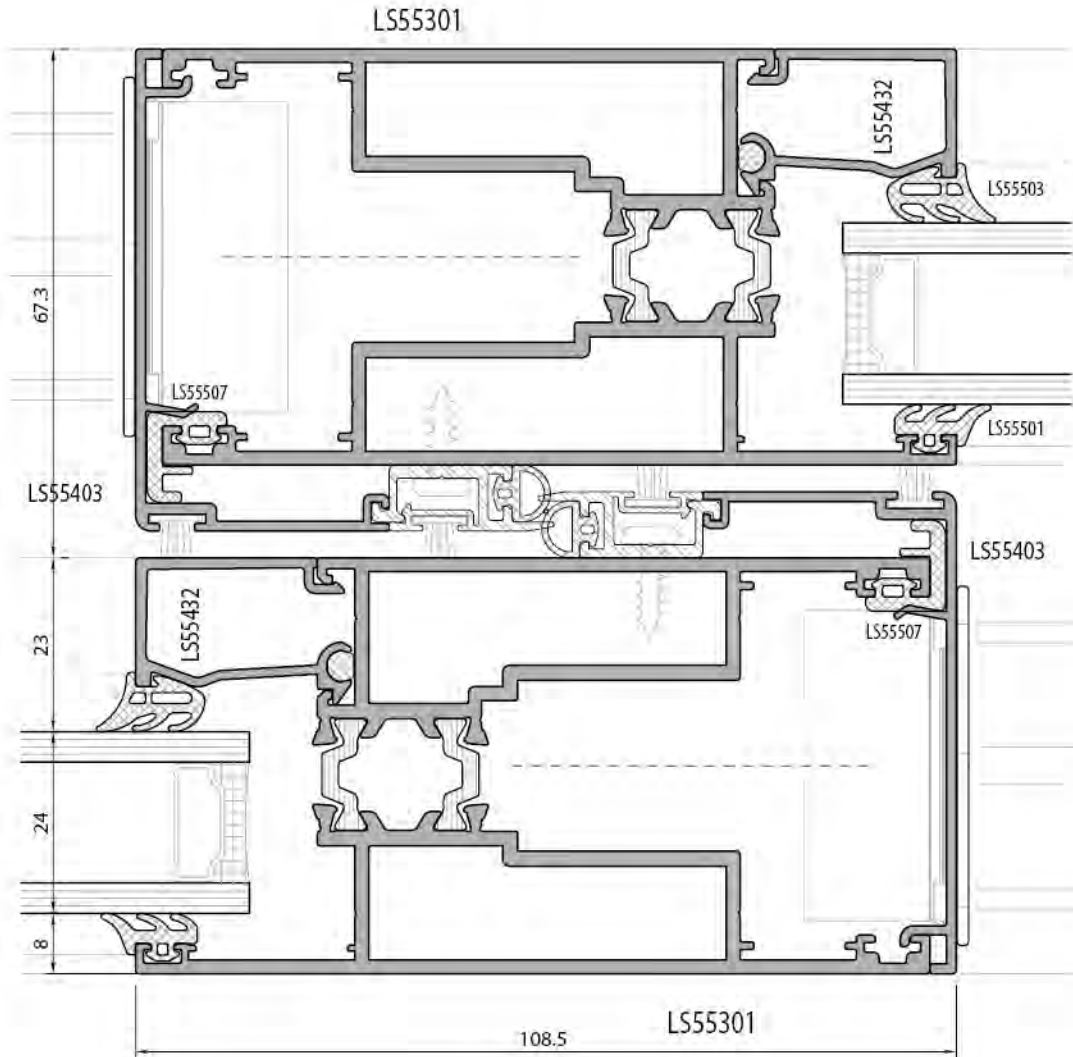
1

150 kg



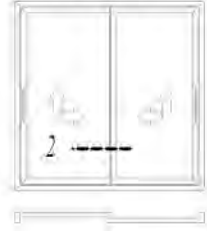
kaldır-sür açılım sistem detayı
lift-slide opening system detail

2 - ray 2 - rail

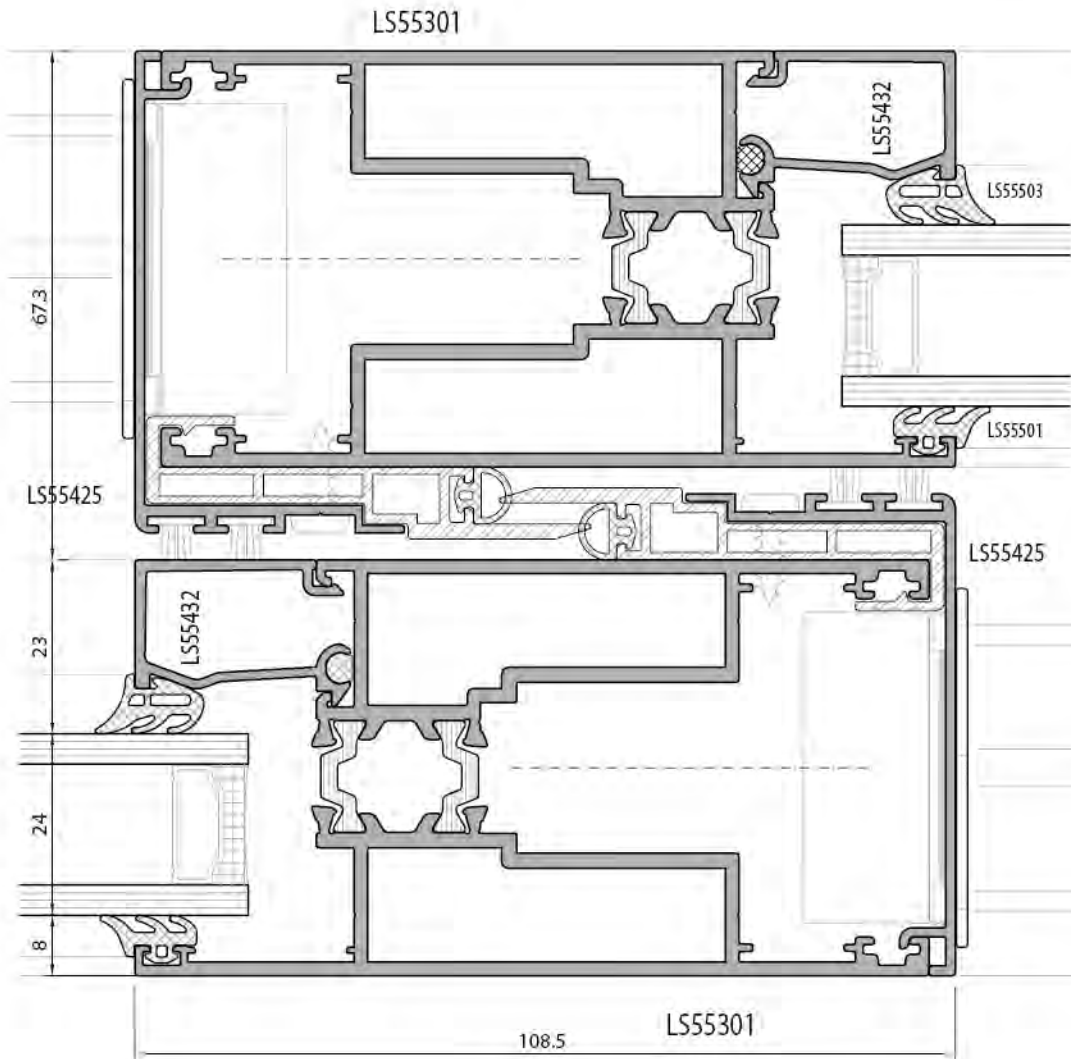


kaldır-sür açılım sistem detayı
lift-slide opening system detail

2 - ray 2 - rail



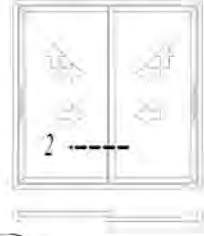
alternatif
alternative



kaldır-sür açılım sistem detayı
lift-slide opening system detail

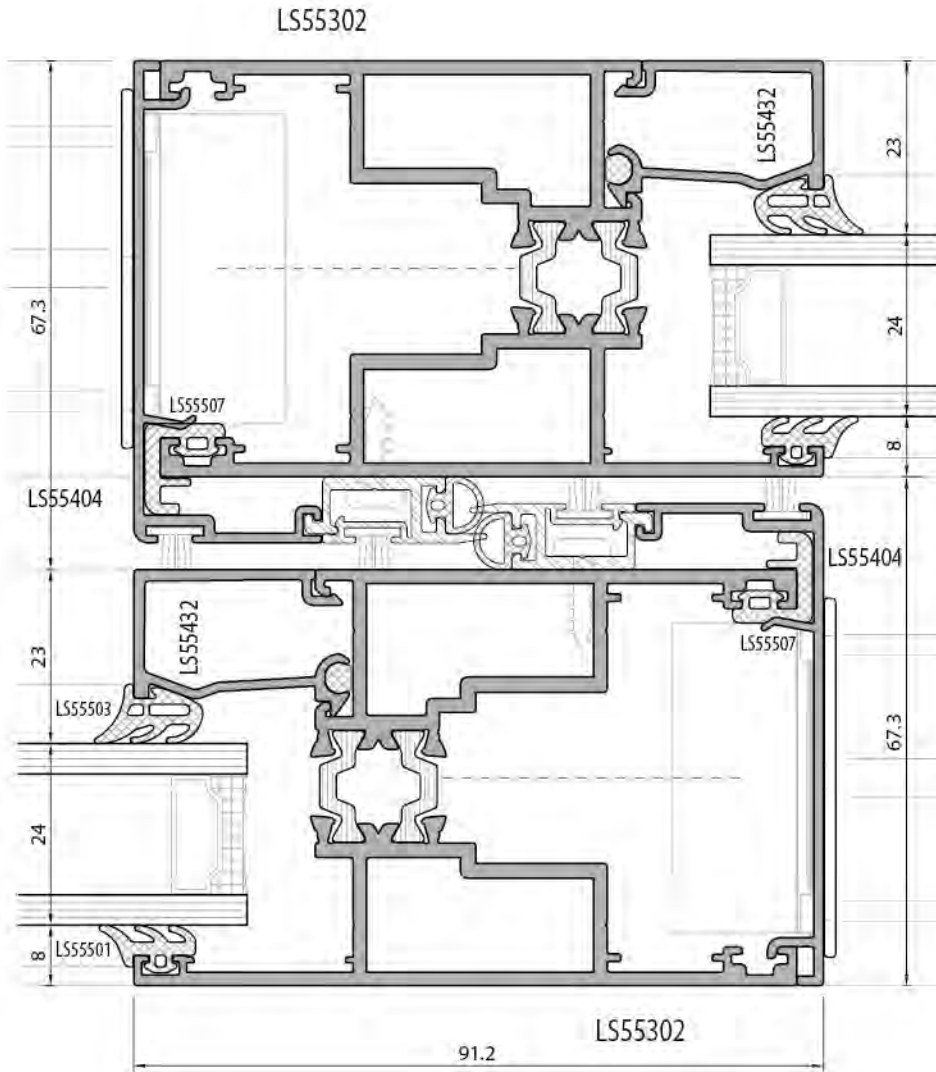
klasik sürme açılım sistem detayı
classical sliding opening system detail

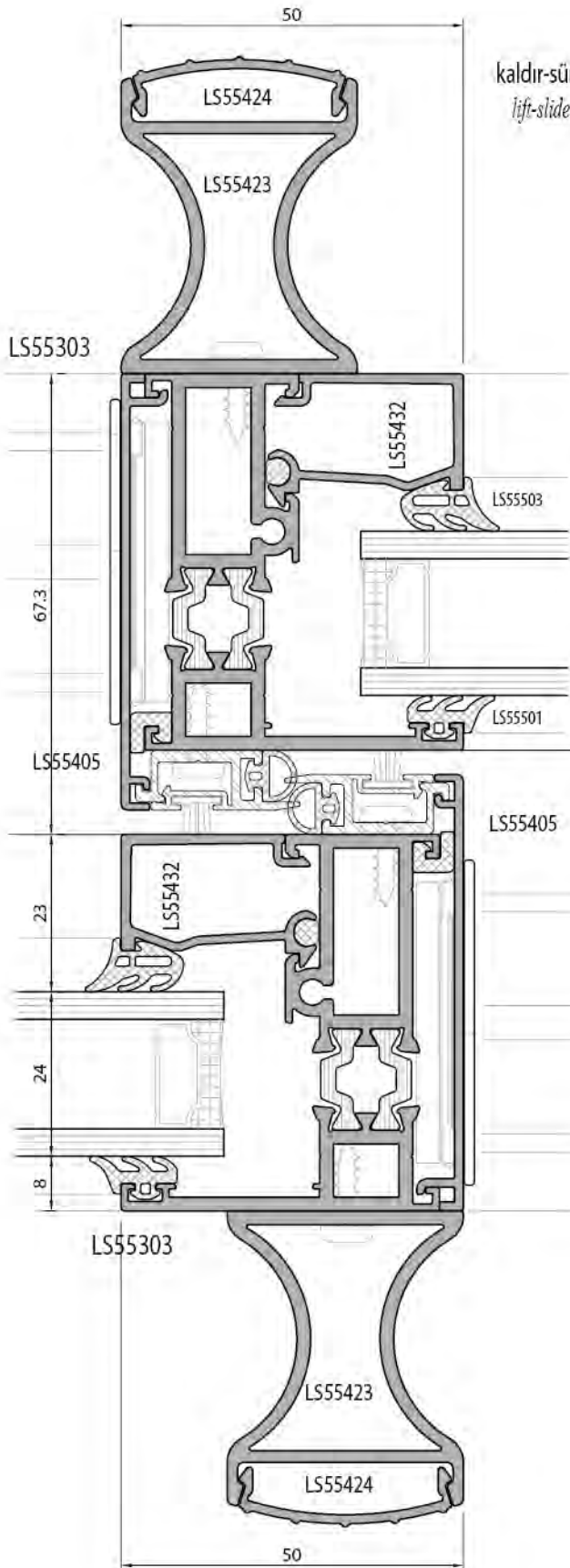
2 - ray 2 - rail



150 kg

100 kg

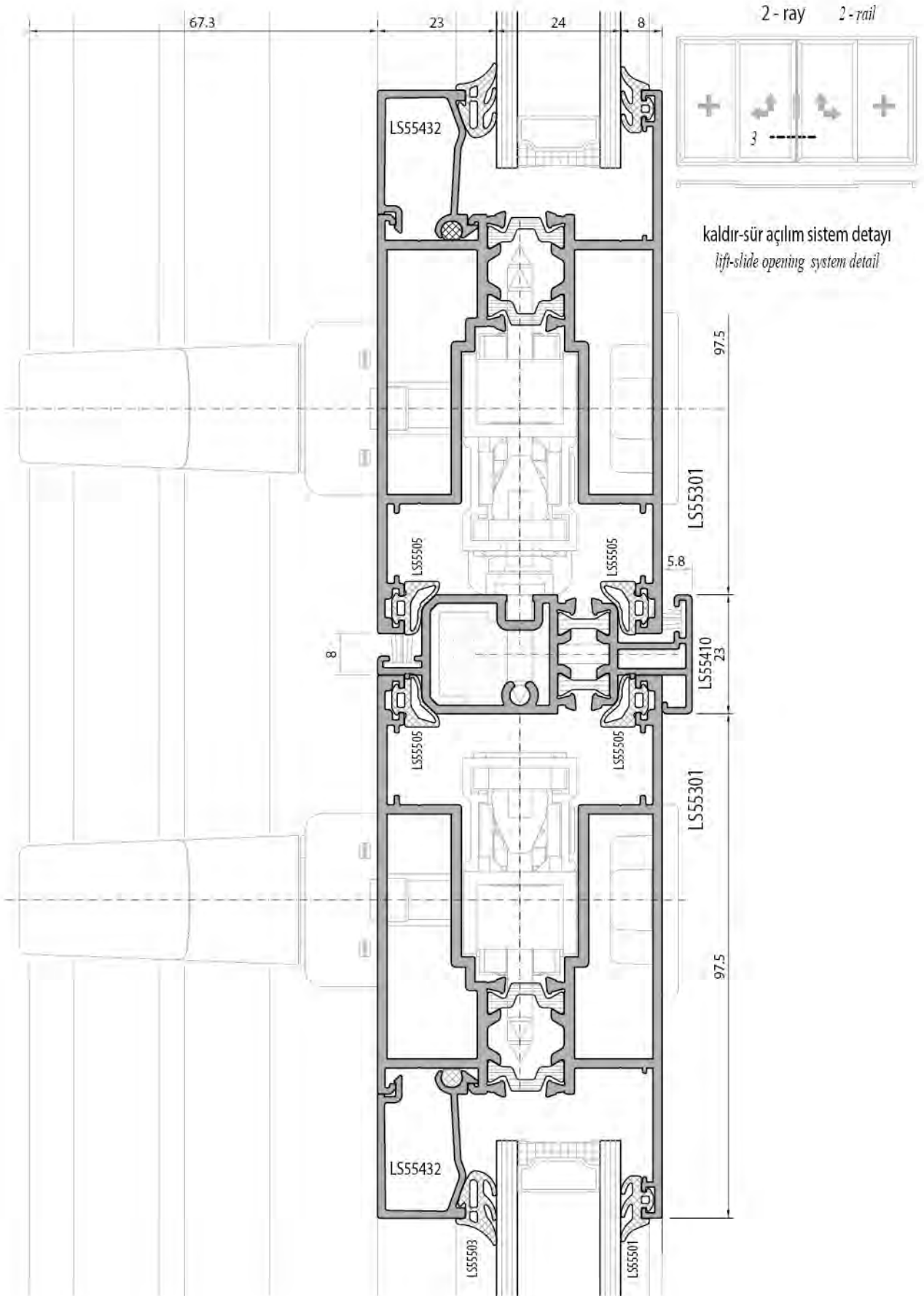


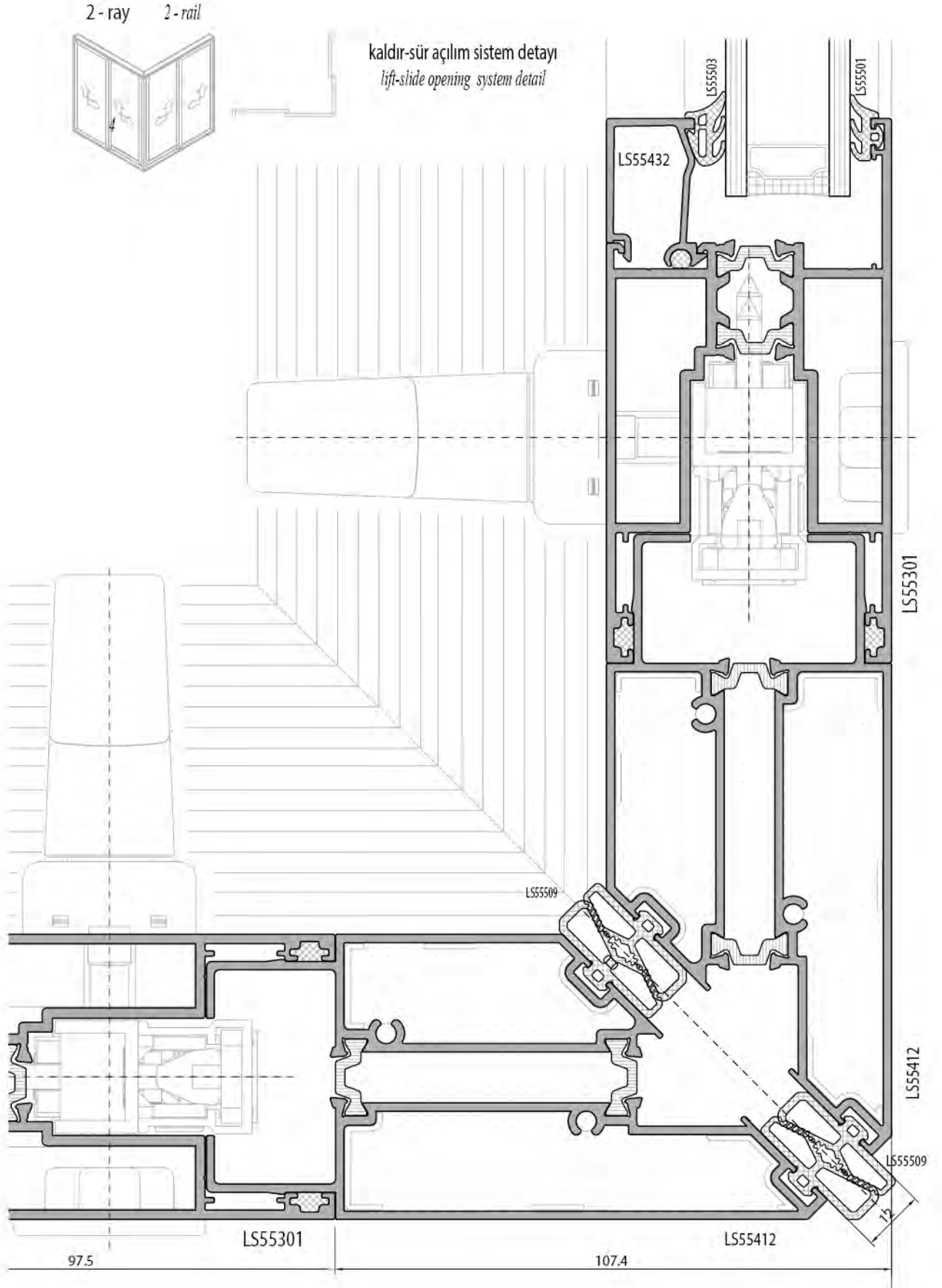


kaldır-sür açılım sistem detayı
lift-slide opening system detail

2 - ray 2 - rail

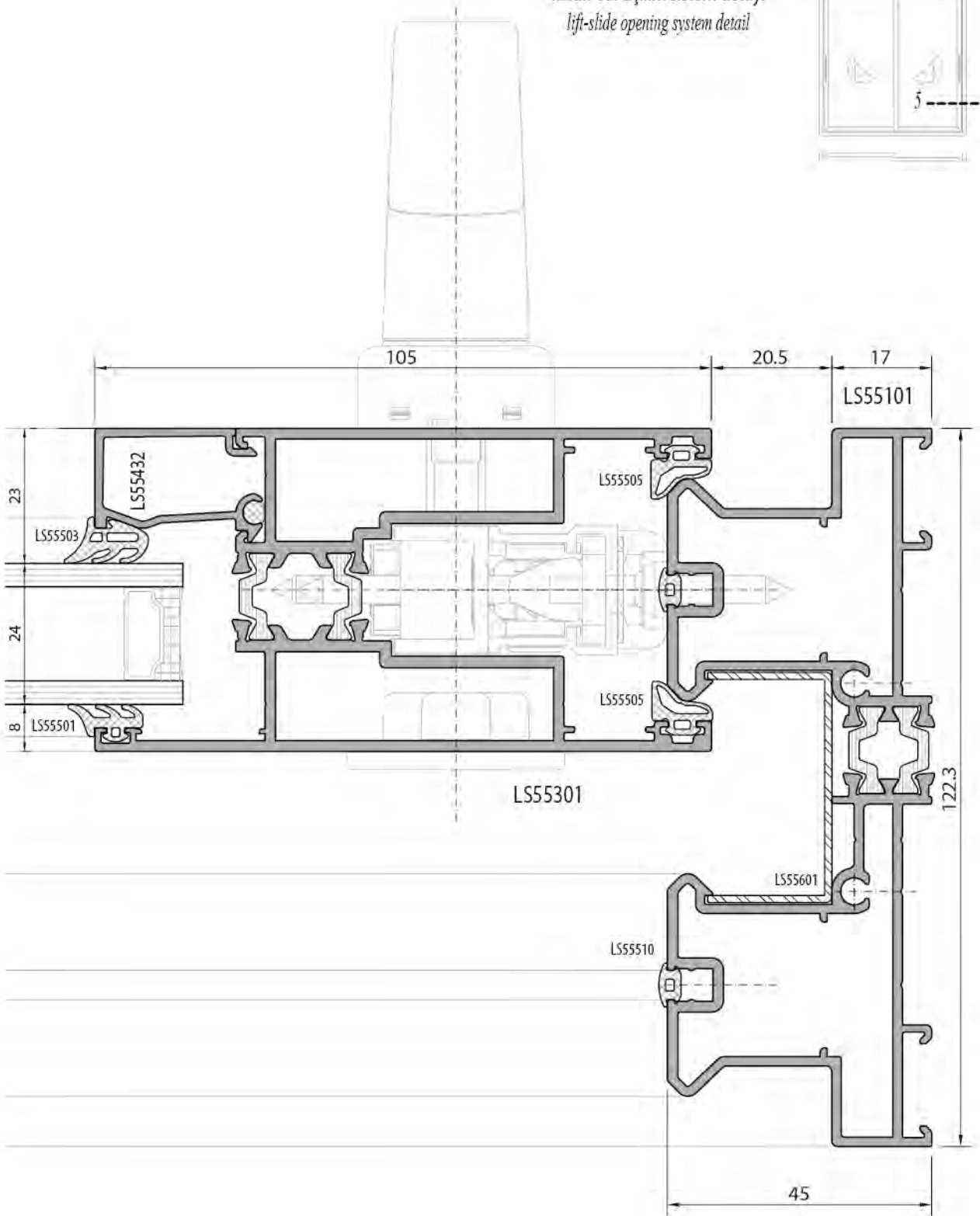






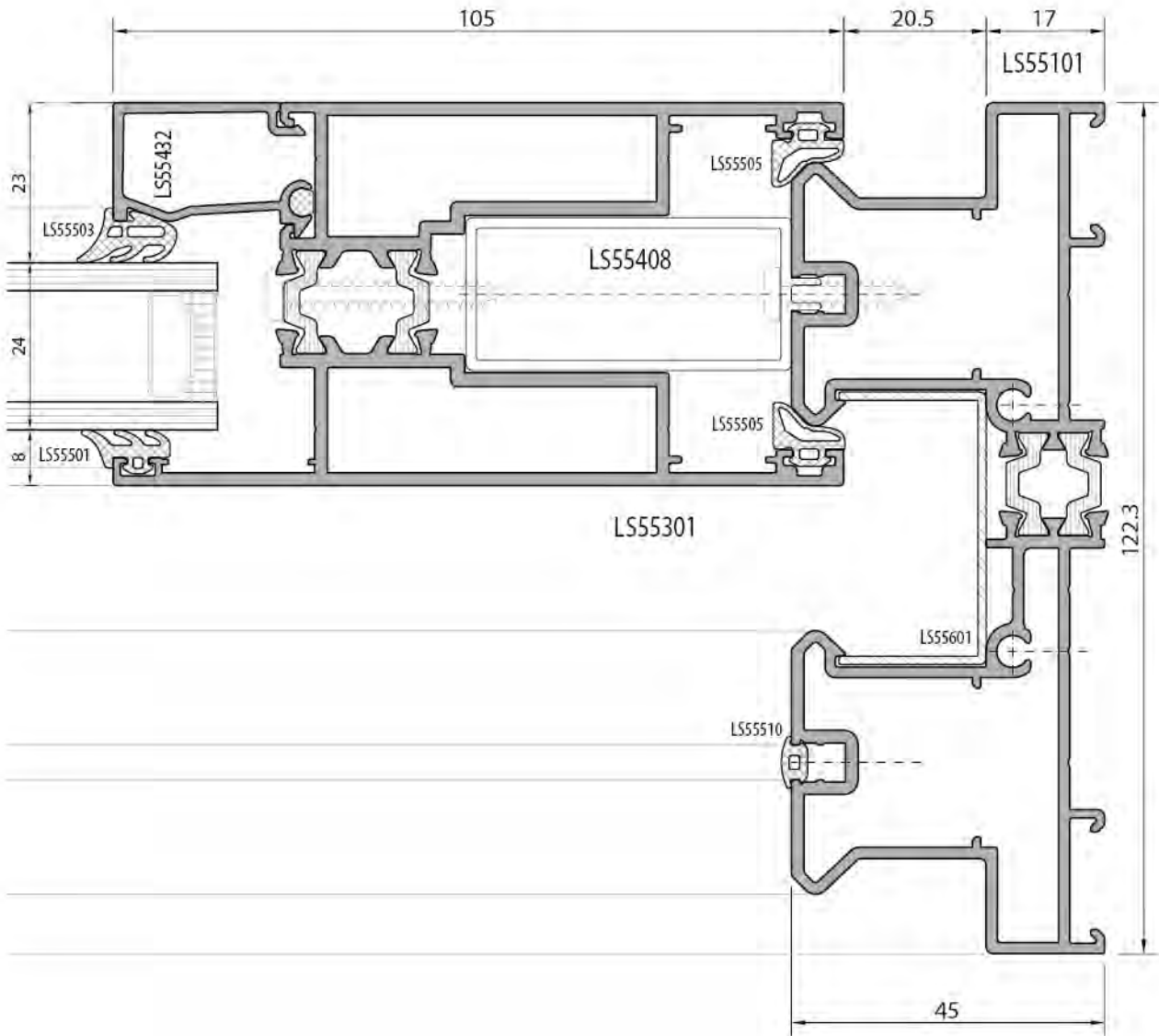
kaldır-sür açılım sistem detayı
lift-slide opening system detail

2 - ray 2 - rail



kaldır-sür açılım sistem detayı
lift-slide opening system detail

2 - ray 2 - rail

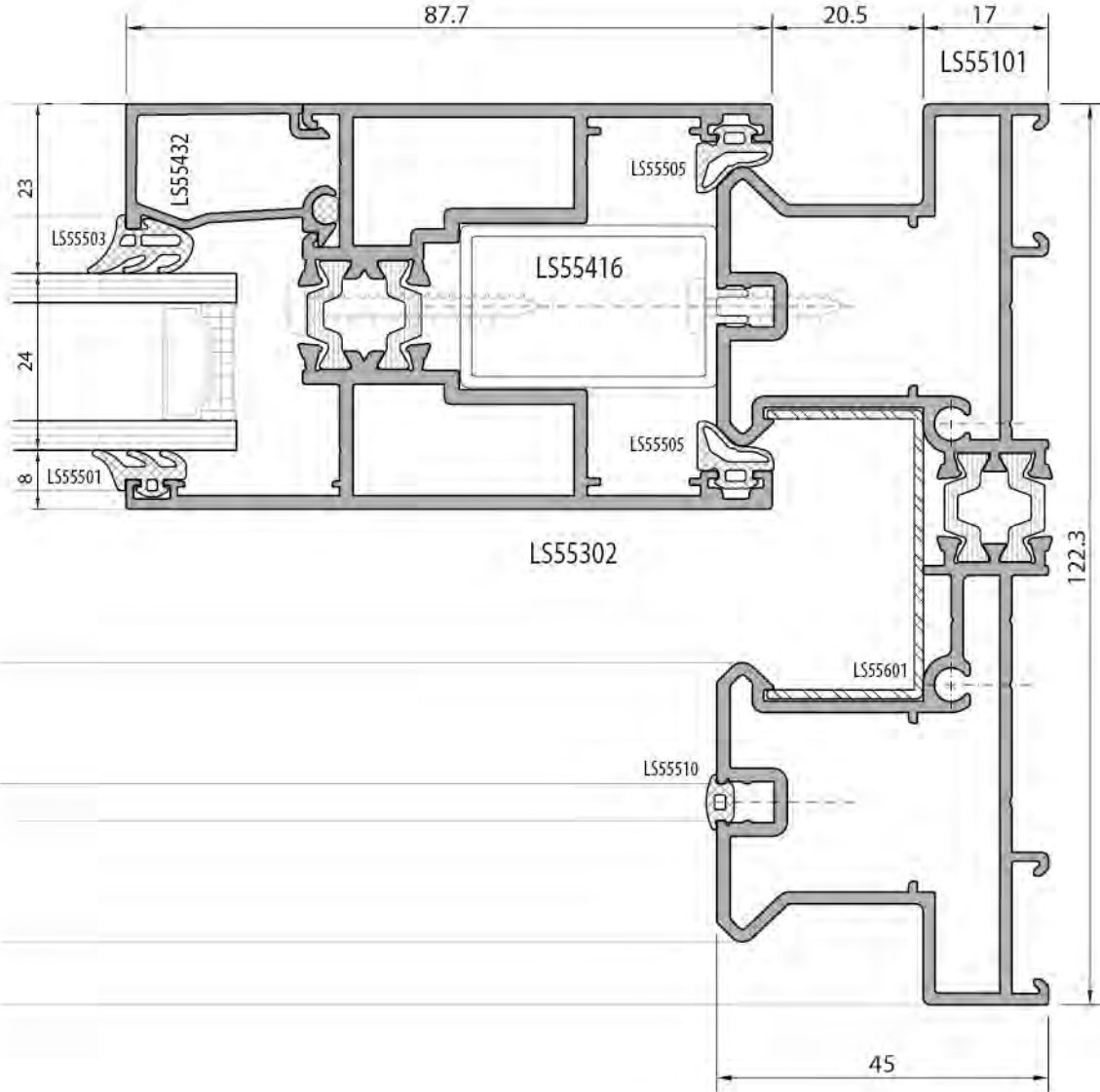


kaldır-sür açılım sistem detayı
lift-slide opening system detail

2 - ray 2 - rail

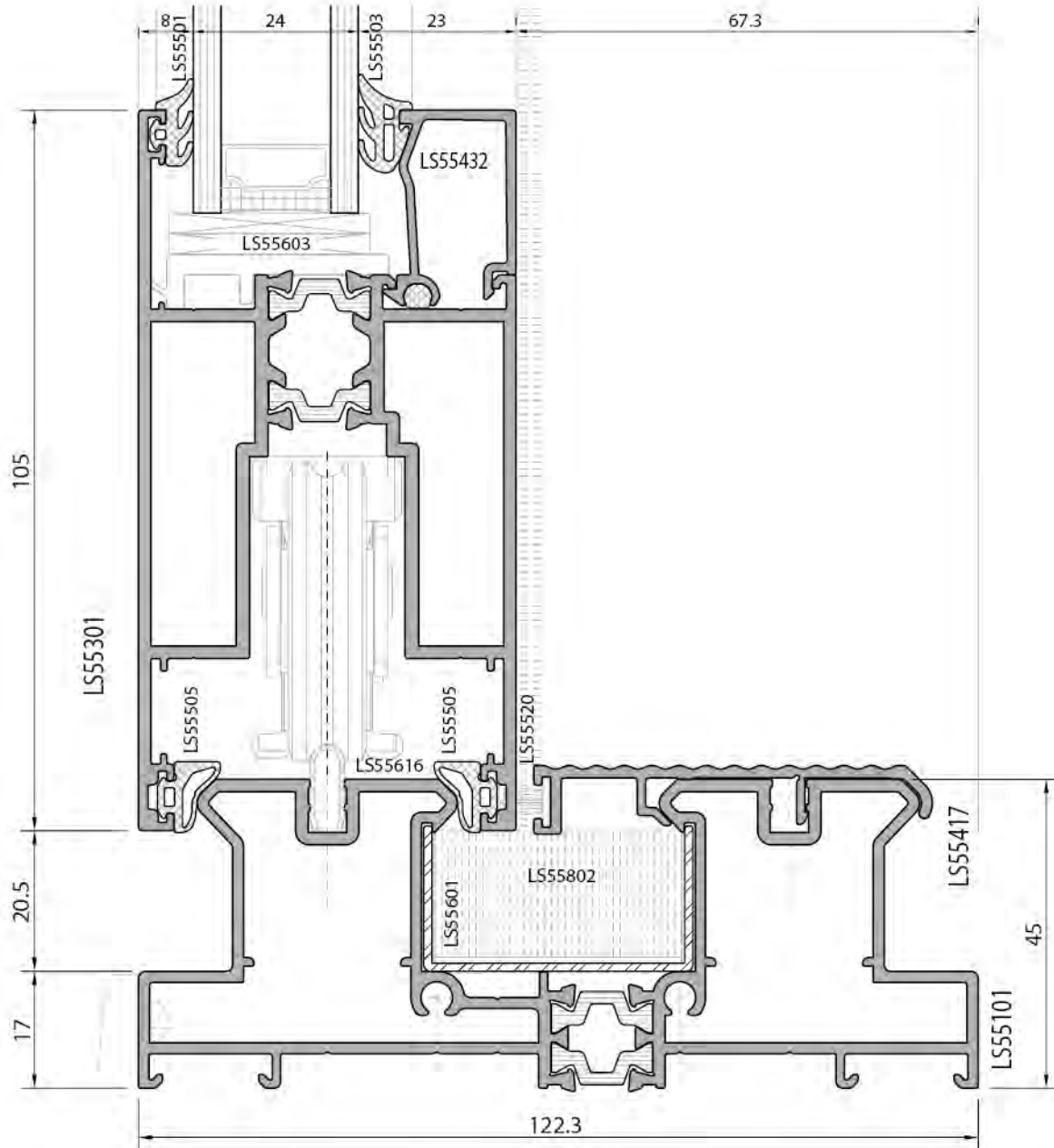


150 kg



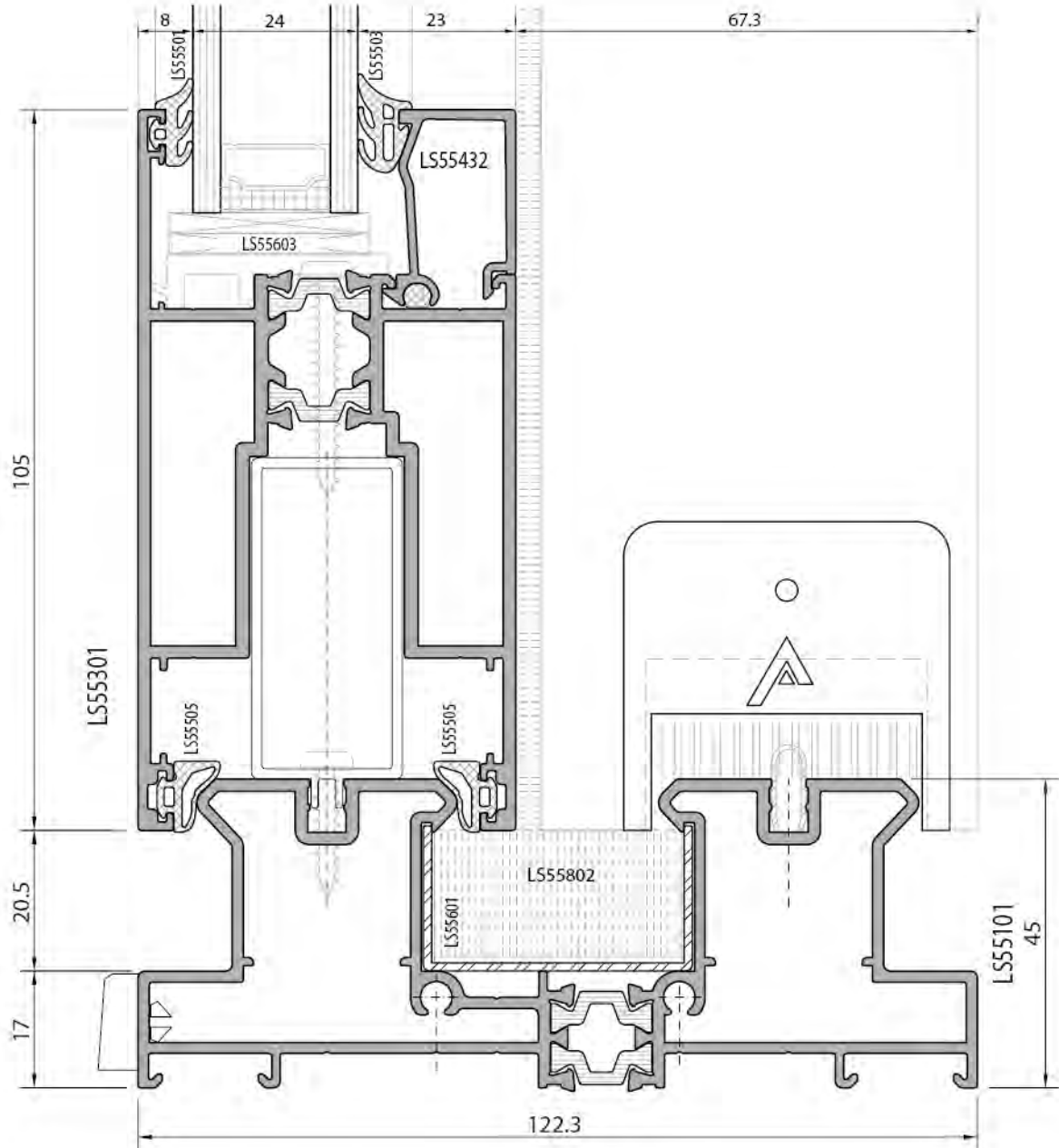
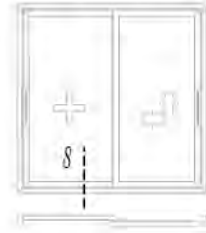
kaldır-sür açılım sistem detayı
lift-slide opening system detail

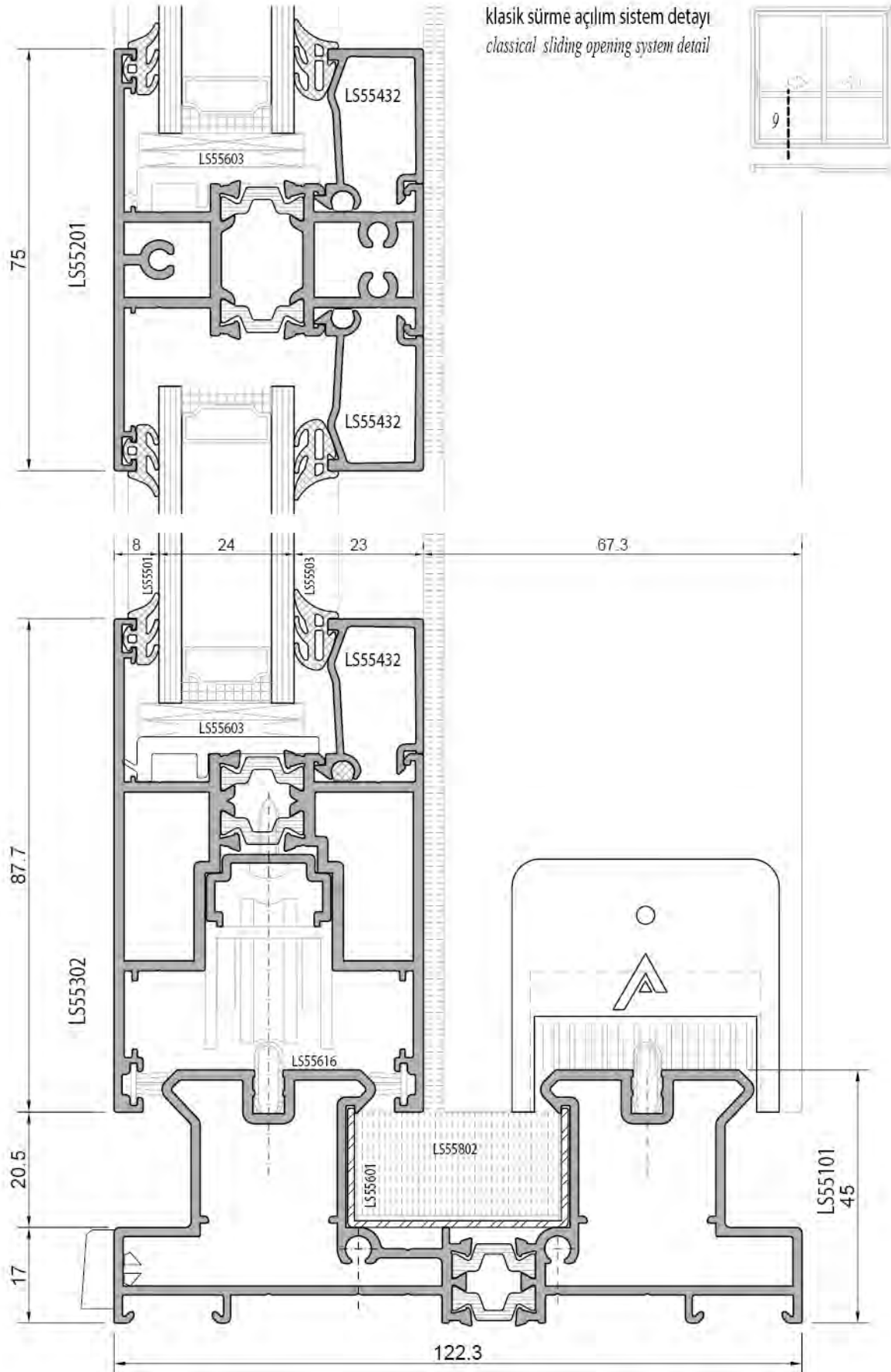
2 - ray 2 - rail



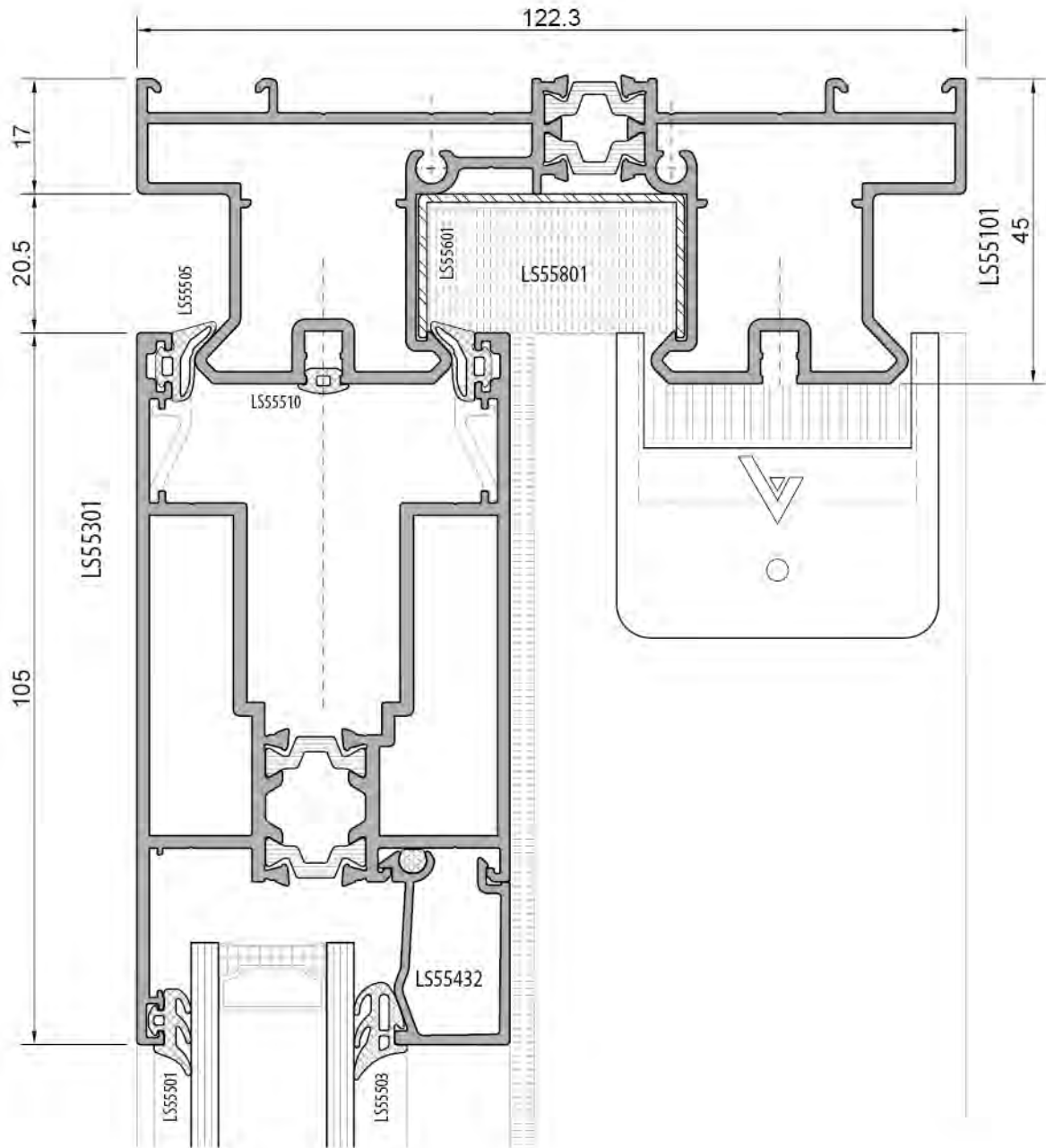
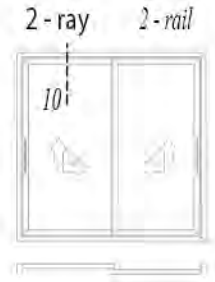
kaldır-sür açılım sistem detayı
lift-slide opening system detail

2 - ray 2 - rail

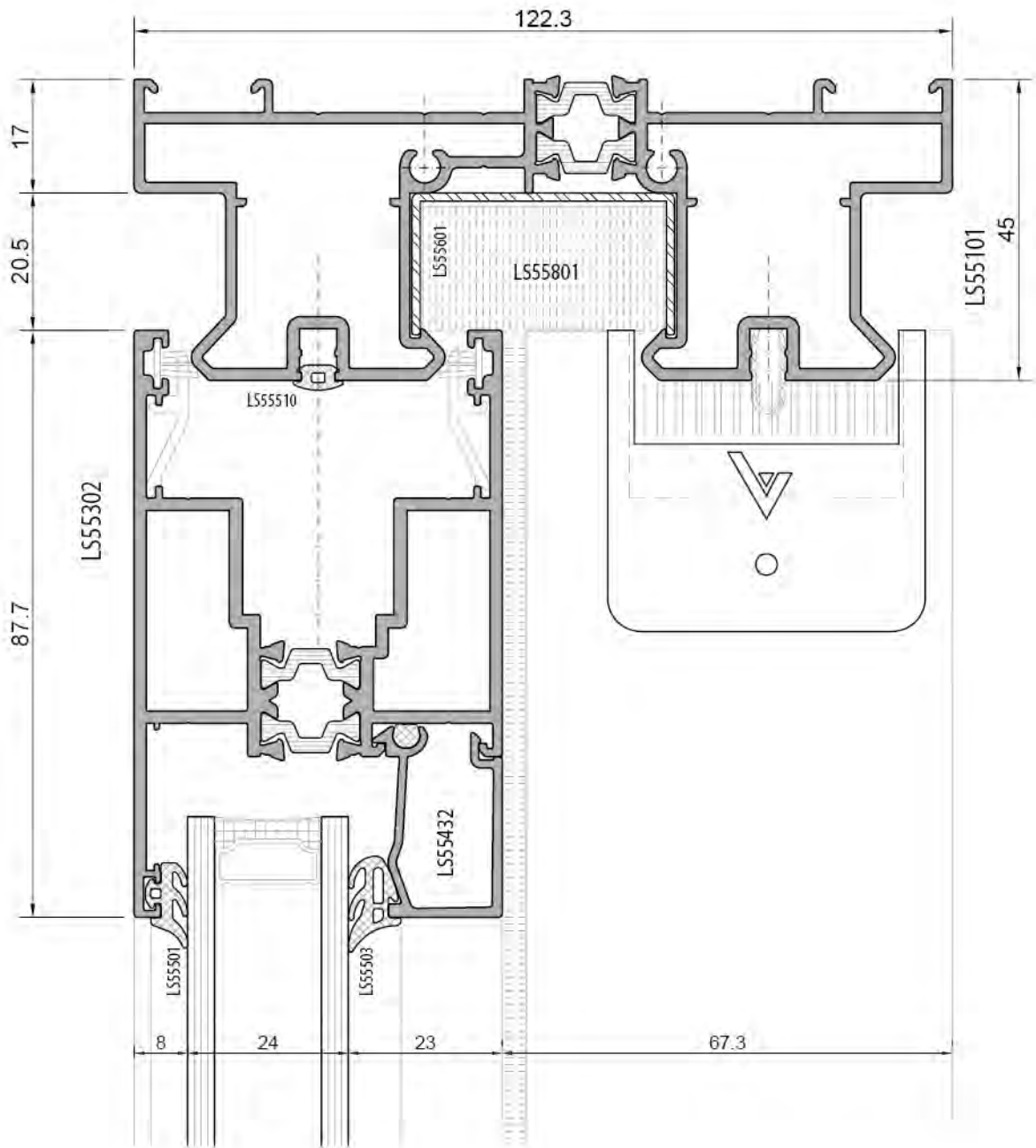




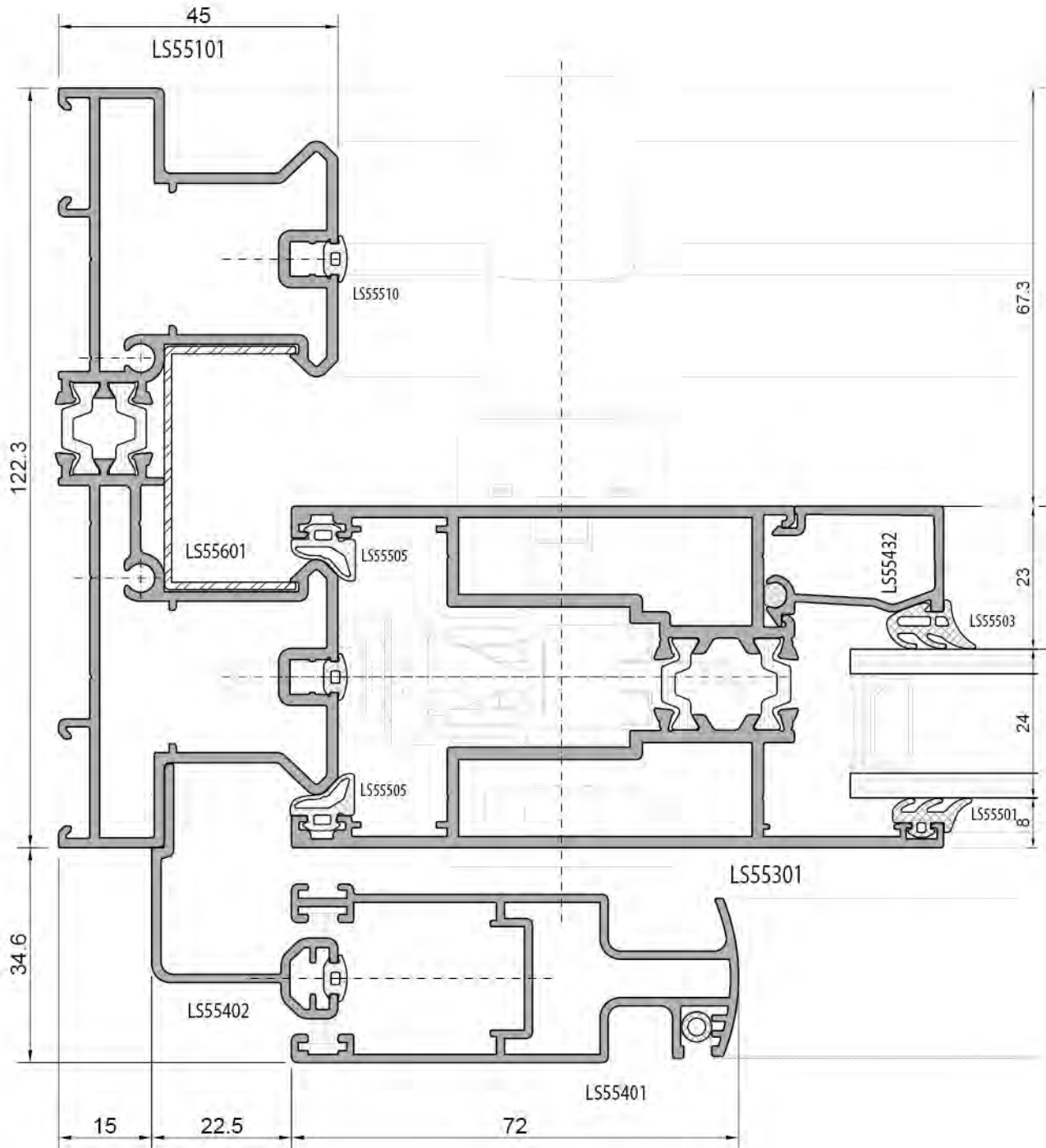
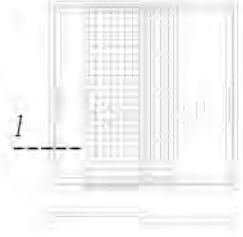
kaldır-sür açılım sistem detayı
lift-slide opening system detail



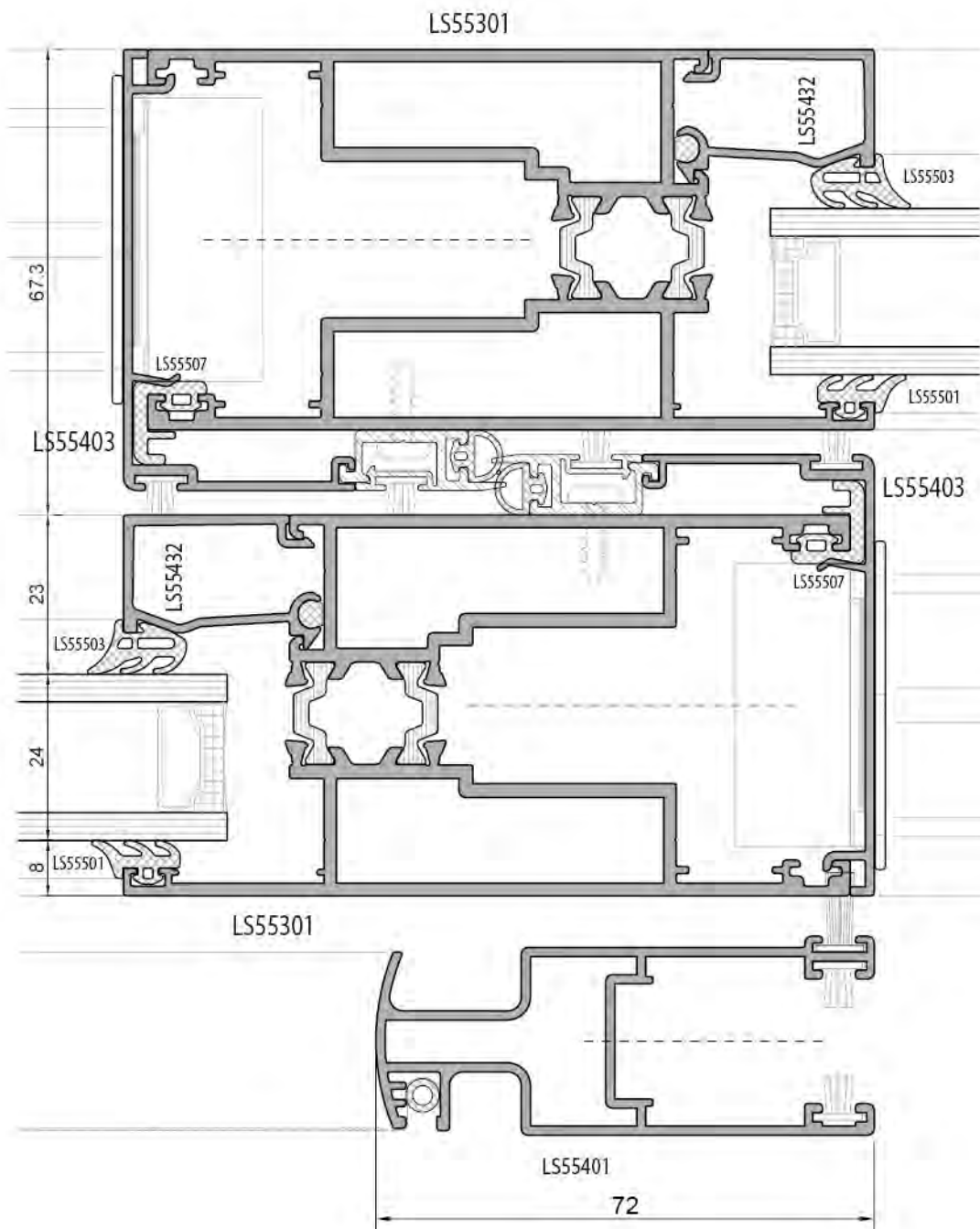
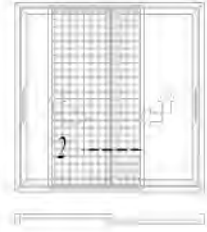
klasik sürme açılım sistem detayı
classical sliding opening system detail



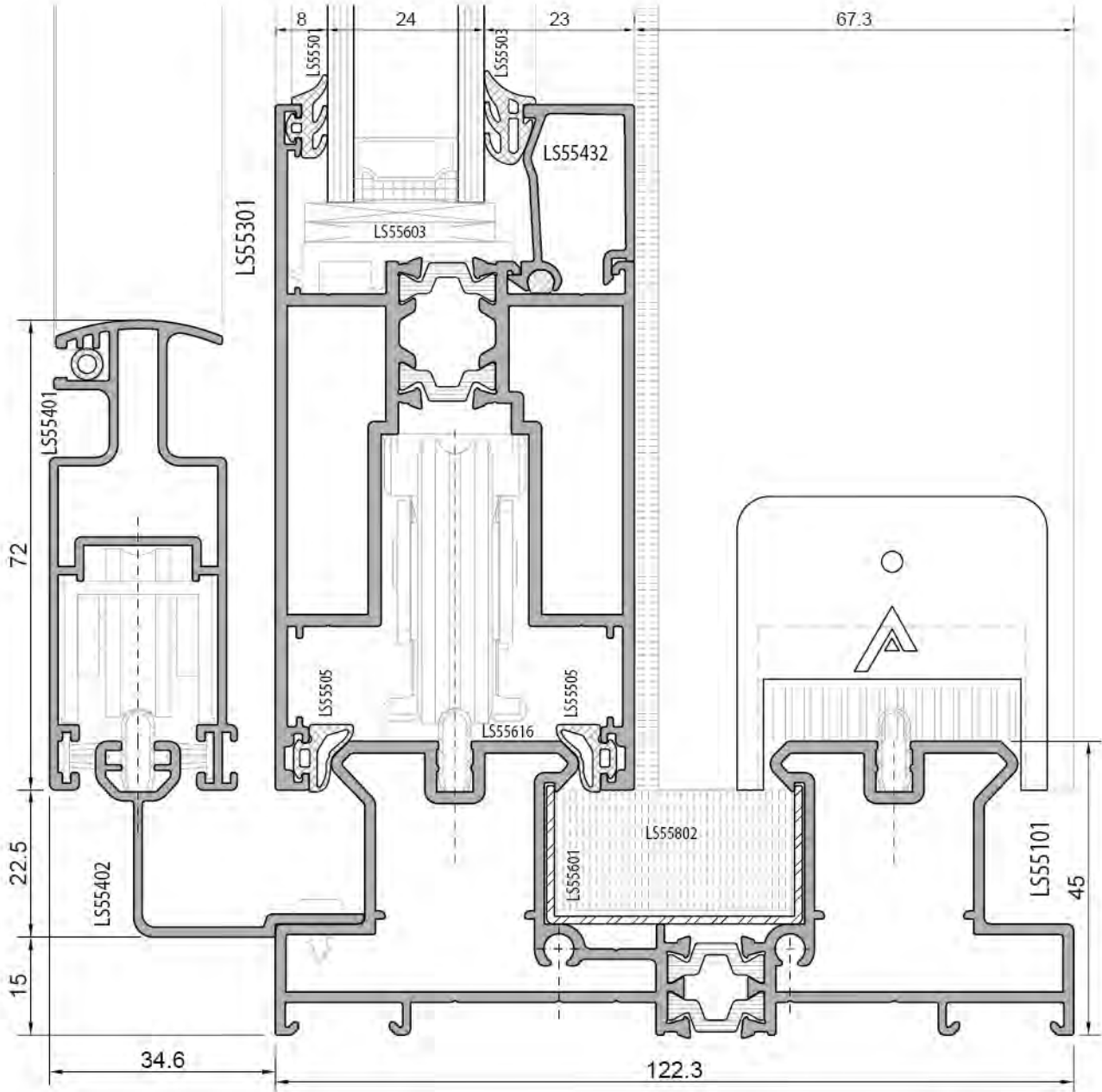
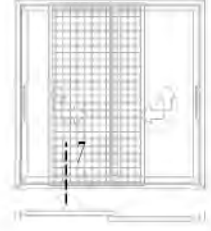
kaldır-sür açılım sistem detayı
lift-slide opening system detail



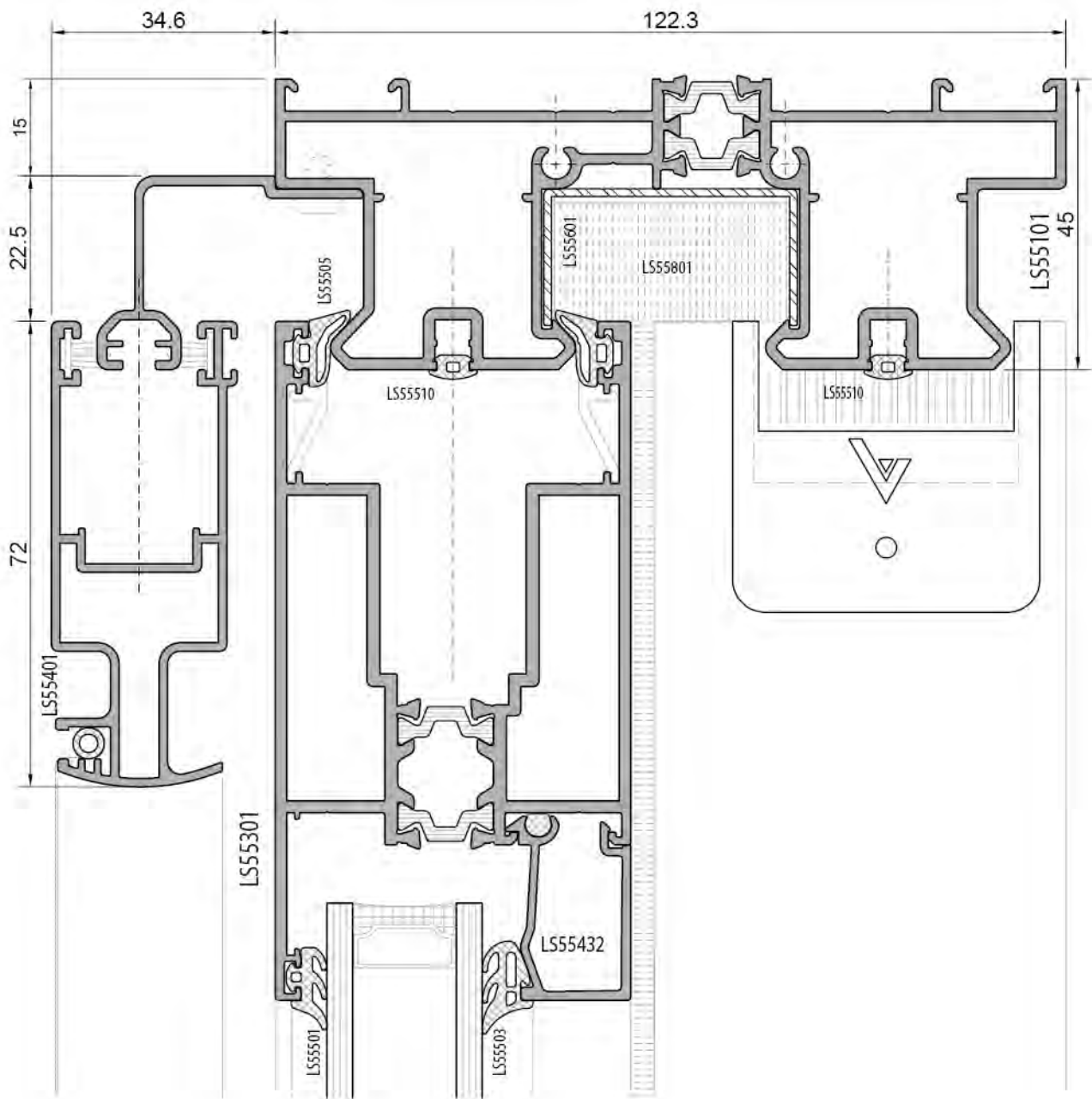
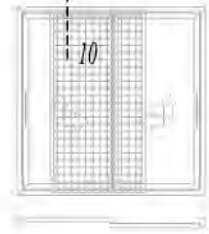
kaldır-sür açılım sistem detayı
lift-slide opening system detail



kaldır-sür açılım sistem detayı
lift-slide opening system detail

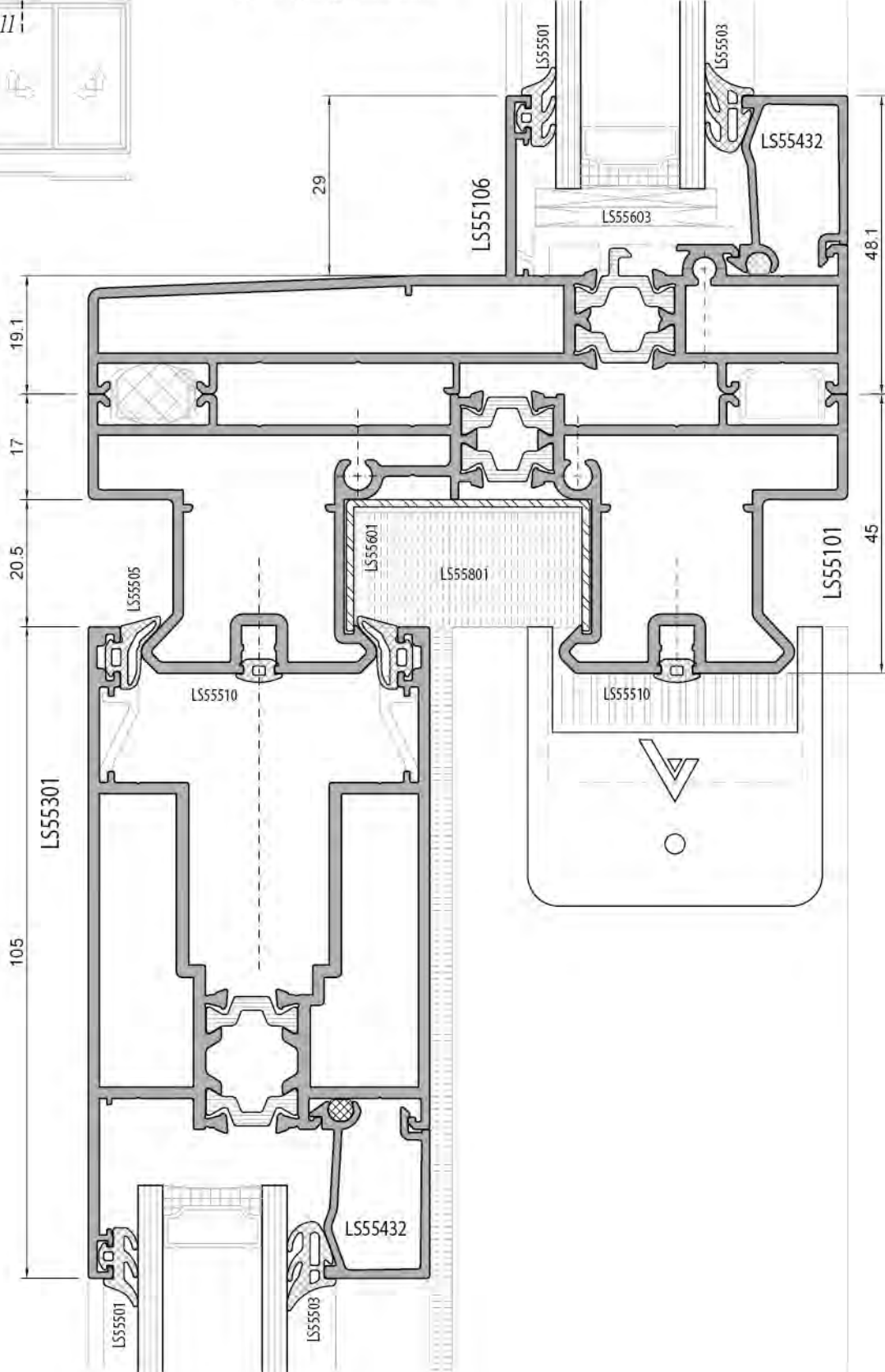


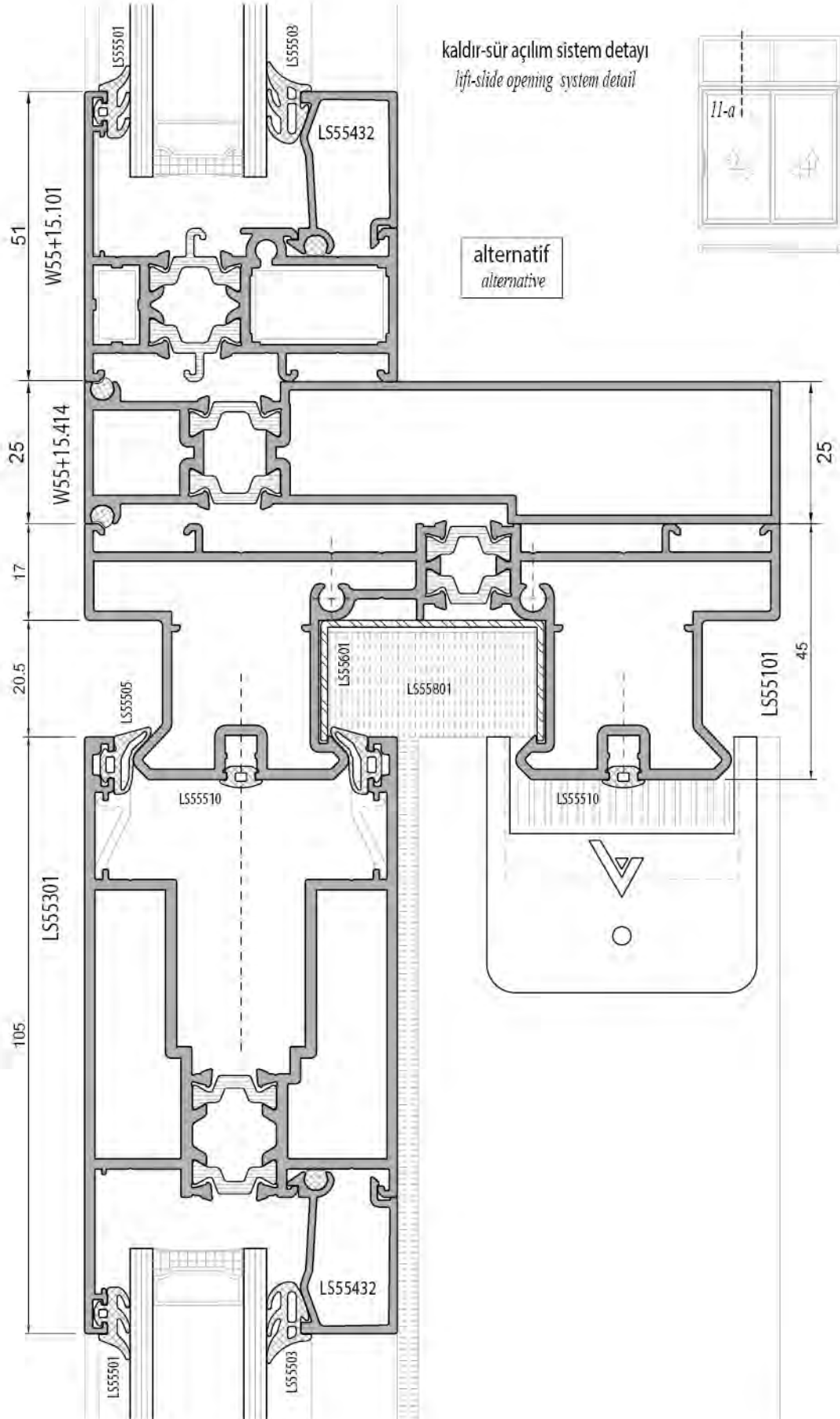
kaldır-sür açılım sistem detayı
lift-slide opening system detail





kaldır-sür açılım sistem detayı
lift-slide opening system detail



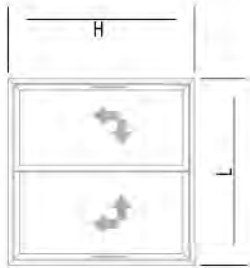


LS55702

Lift-slide fittings / 300 KG

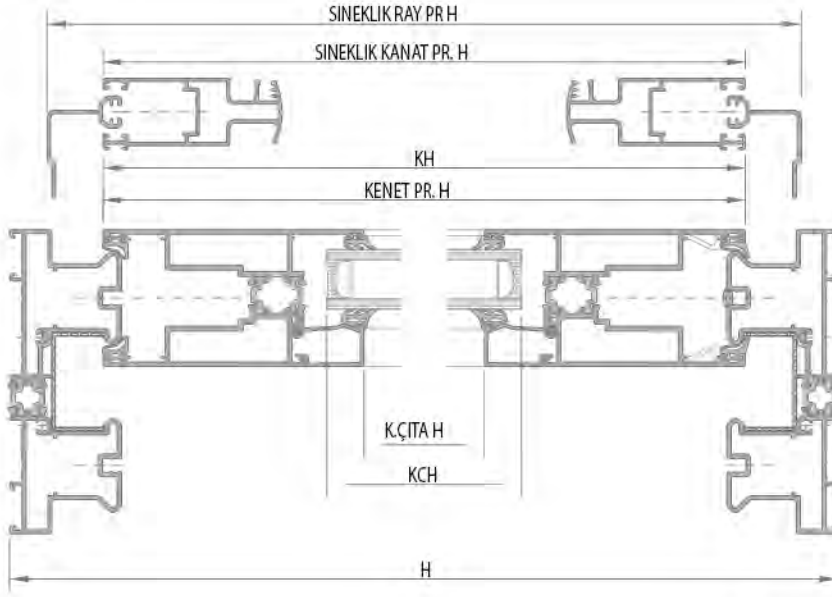
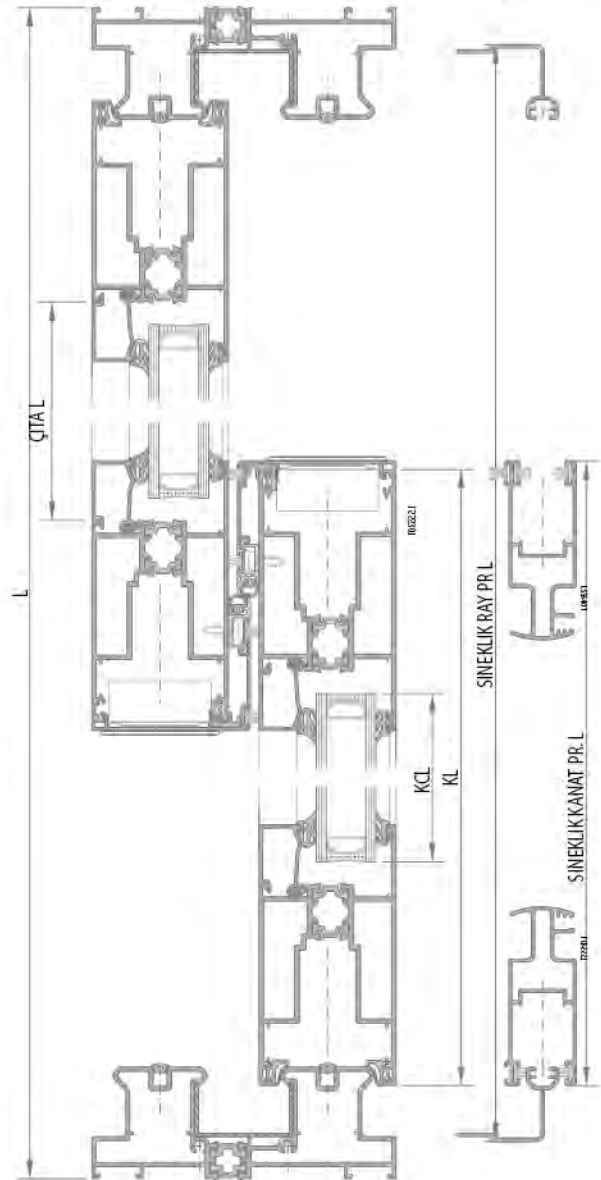
KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

2 - ray 2 - rail



İmalat ve Kesim Planı
Cutting Dimensions

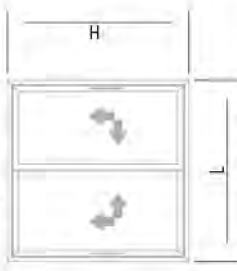
Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni Kanat Yüksekliği	: KL : KH
Kanat Cam Eni Kanat Cam Yüksekliği	: KCL : KCH
Kanat Çita Eni Kanat Çita Yüksekliği	: K.Cita L : K.Cita H
Kanat Profili H	: H - 75
Sineklik Ray Profili L	: L - 30
Sineklik Ray Profili H	: H - 30
Sineklik Kanat Profili L	: L/2 - 13
Sineklik Kanat Profili H	: H - 75



* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

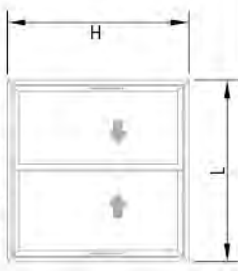
KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

2 - ray 2 - rail



KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

2 - ray 2 - rail



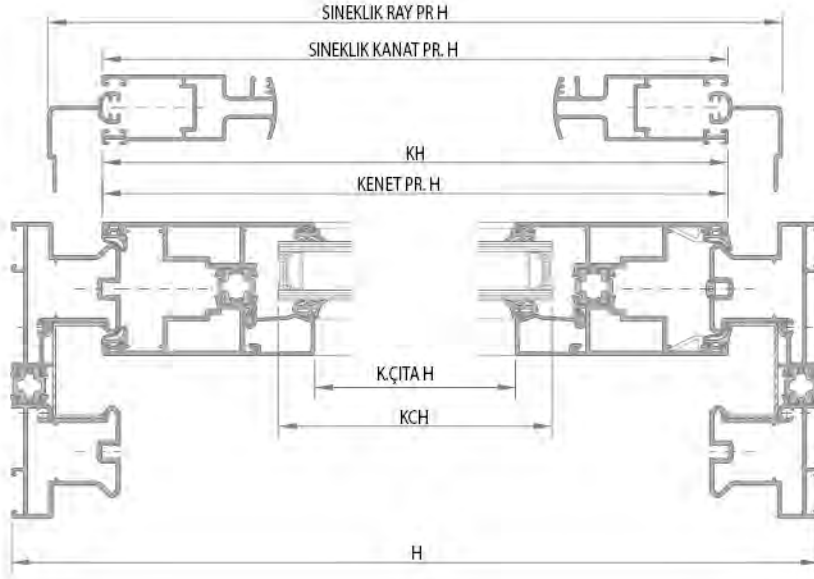
100 kg

Lift-slide fittings / 150 KG

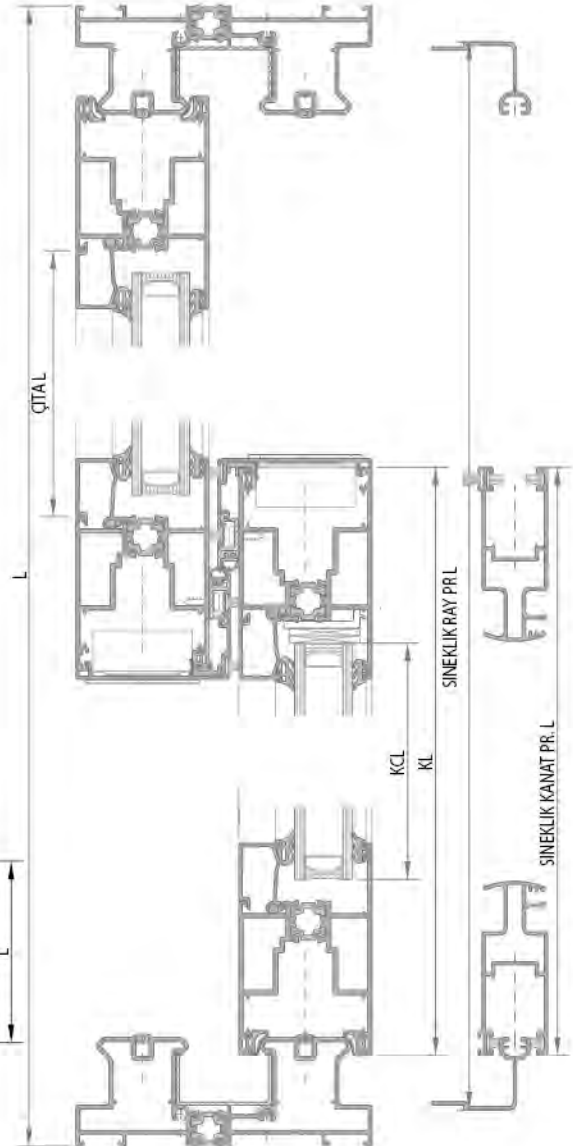
LS55701

İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni sliding Yüklüklüğü	: L
Kanat Eni	: H
Kanat Yüklüklüğü	: KL
Kanat Camı Eni	: KH
Kanat Camı Yüklüklüğü	: KCL
Kanat Çıta Eni	: KCH
Kanat Çıta Yüklüklüğü	: KÇTAH
Kanat Çıta H	: KCH
Kanat Profili H	: H - 75
Sineklik Ray Profili L	: L - 30
Sineklik Ray Profili H	: H - 30
Sineklik Kanat Profili L	: L/2 + 4
Sineklik Kanat Profili H	: H - 75

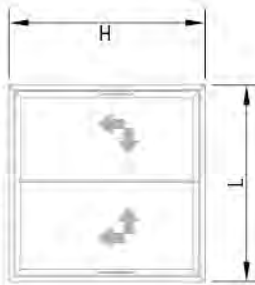


* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

2 - ray 2 - rail

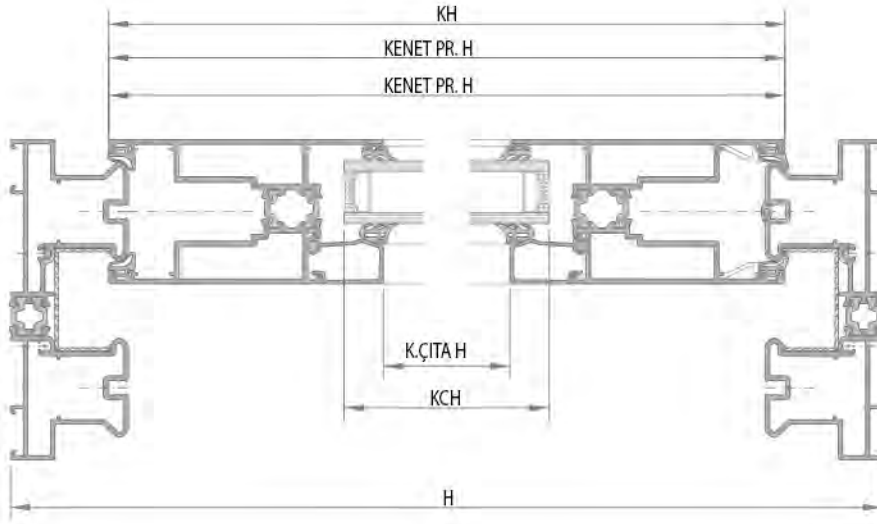


Lift-slide fittings / 300 KG

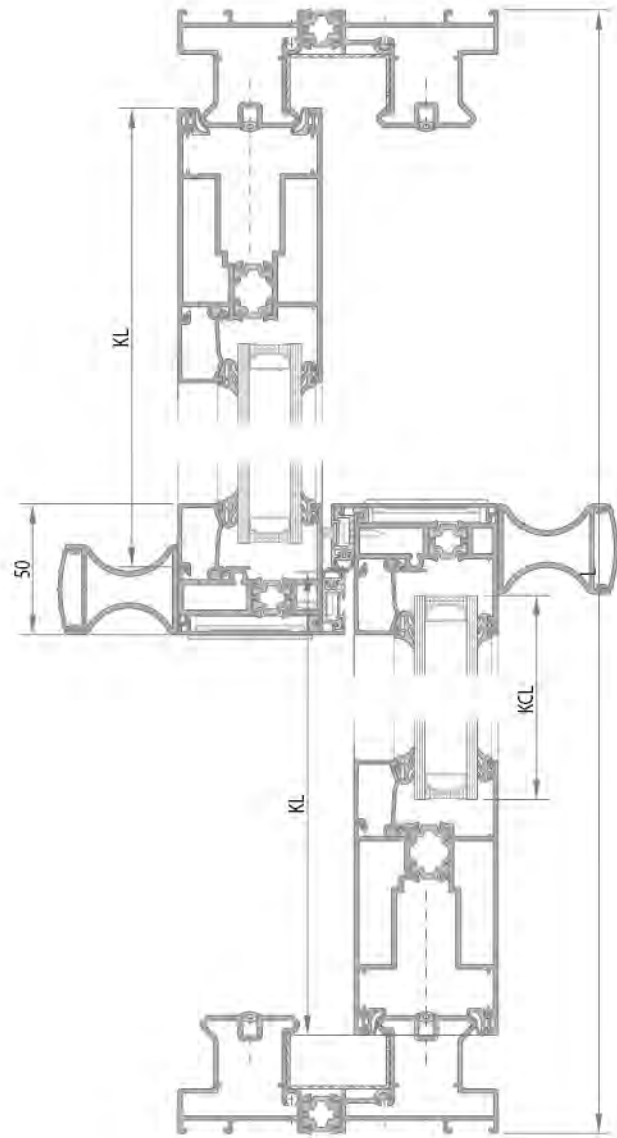
LS55702

İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni	: L
Sürme Yüksekliği	: H
Kanat Eni	: KL
Kanat Yüksekliği	: KH
Kanat Çam Eni	: KCL
Kanat Çam Yük	: KCH
Kanat Çıta Eni	: K Çıta L
Kanat Çıta Yük	: K Çıta H
Kanat Profili H	: H - 75
İnce Kanat Yüksekliği	: H - 125

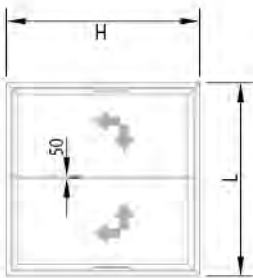


* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

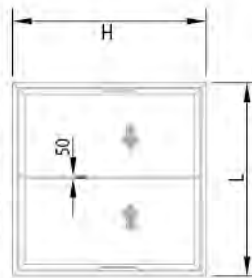
2 - ray 2 - rail



KLASİK SÜRME AÇILIM

CLASSICAL SLIDING OPENING

2 - ray 2 - rail



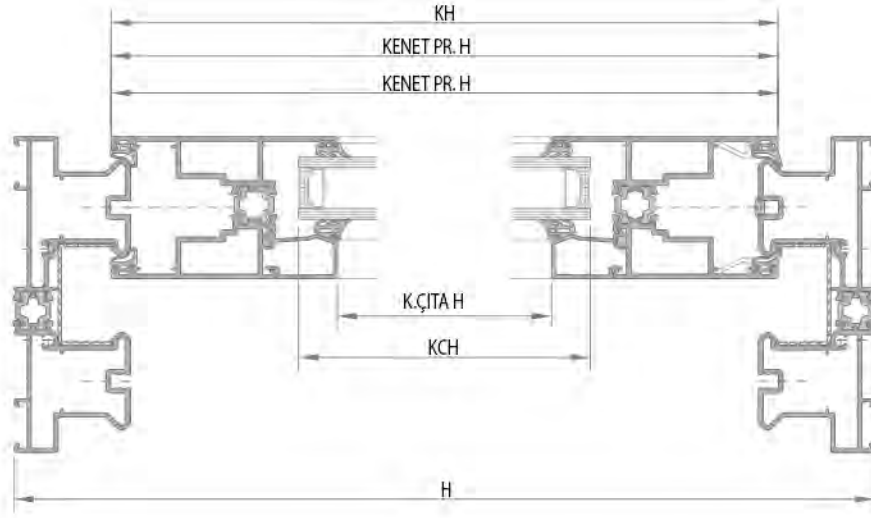
100 kg

Lift-slide fittings / 150 KG

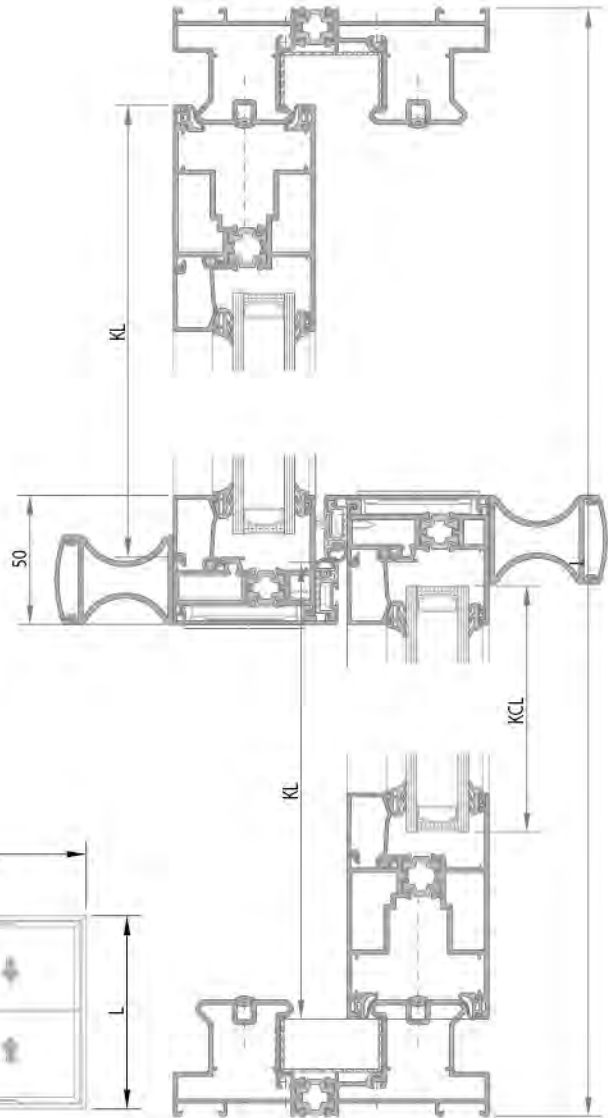
LS55701

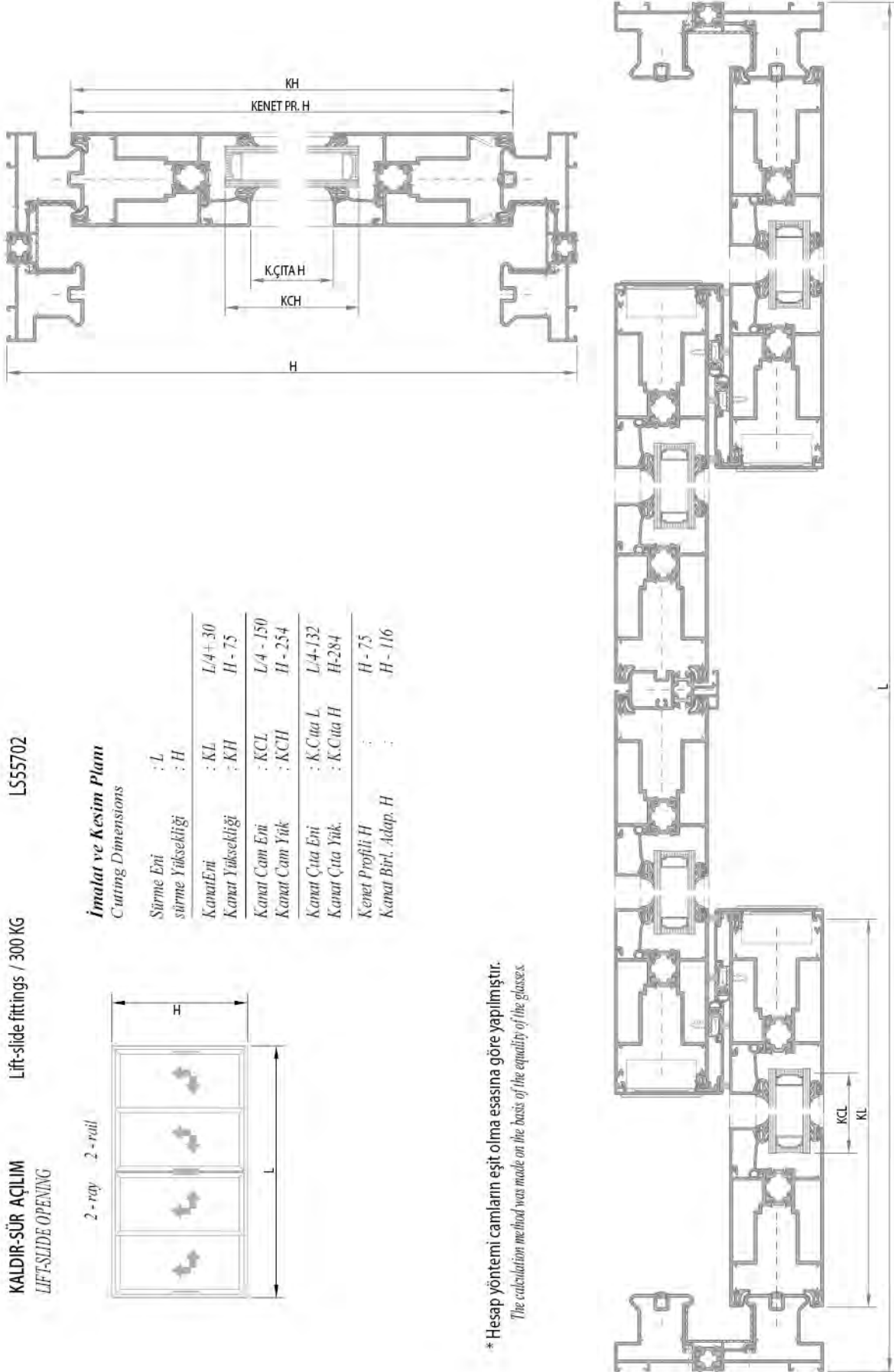
İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni Kanat Yüksekliği	: KL : KH
Kanat Camı Eni Kanat Camı Yüksekliği	: KCL : KCH
Kanat Çıta Eni Kanat Çıta Yüksekliği	: K Çıta L : K Çıta H
Kanat Profili İnce Kanat Yüksekliği	: H - 75 : H - 125



* Hesap yöntemi camların eysit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



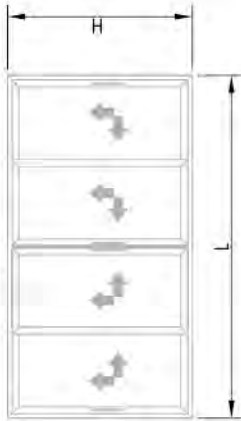


LS55701

Lift-slide fittings / 150 KG

KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

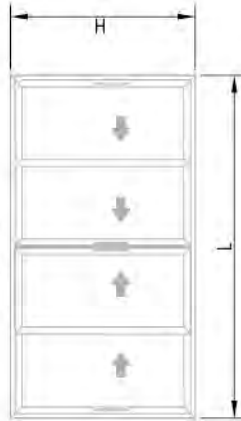
2 - ray 2 - rail



100 kg

KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

2 - ray 2 - rail



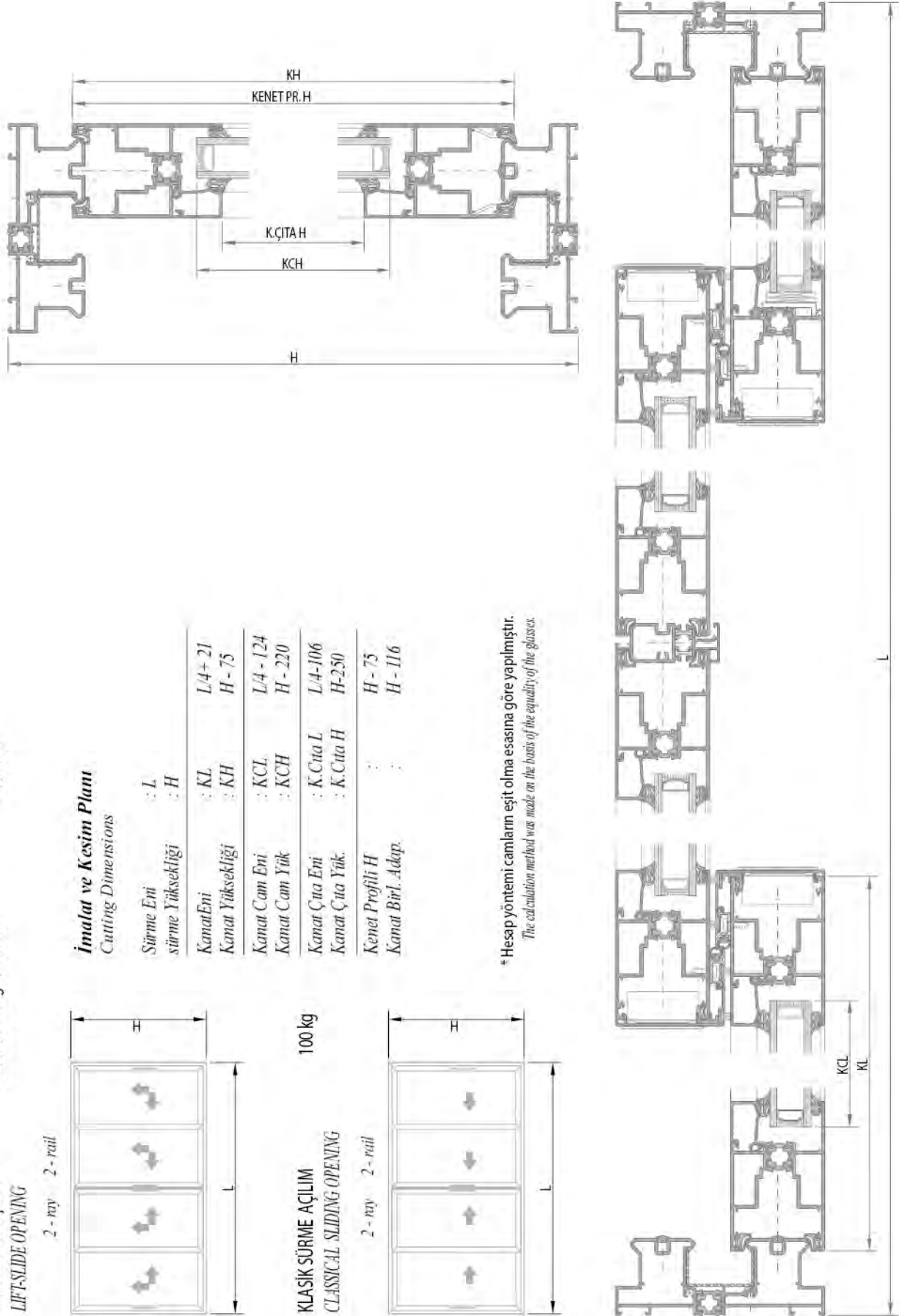
İmalat ve Kesim Planı

Cutting Dimensions

Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni Kanat Yüksekliği	: KL : KH
Kanat Cam Eni Kanat Cam Yük.	: KCL : KCH
Kanat Çita Eni Kanat Çita Yük.	: K Çita L : K Çita H
Kenet Profil H Kanat Birl. Adap.	: H - 75 : H - 116

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.

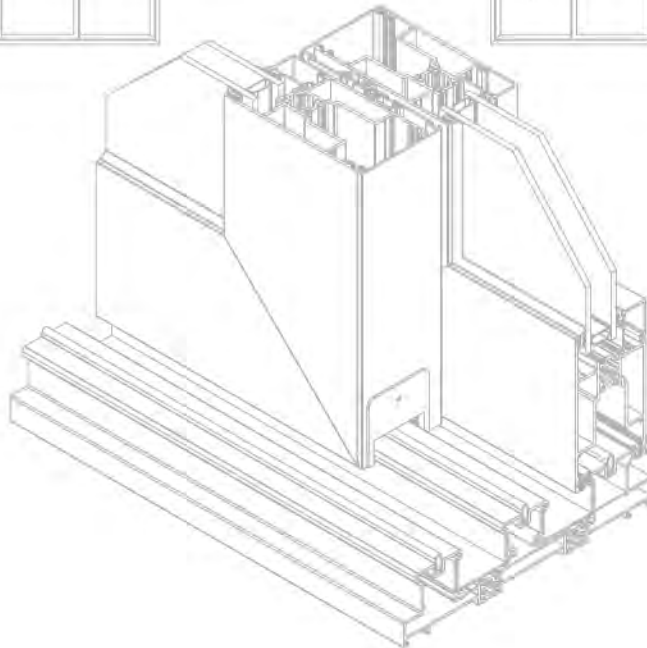
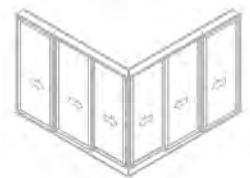
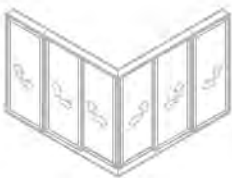
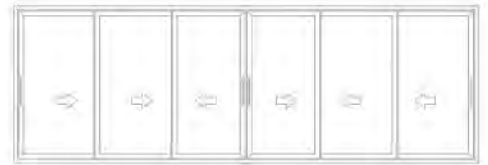
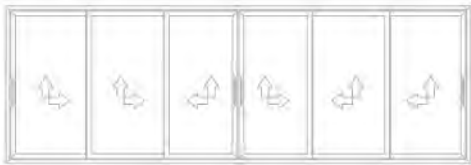
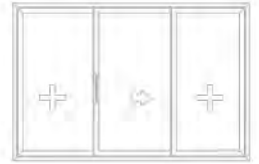
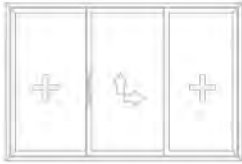
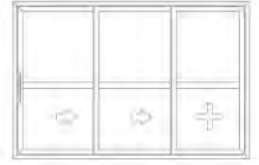
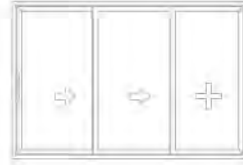
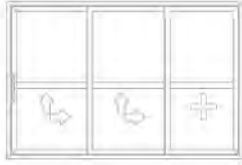
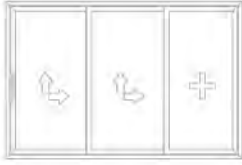
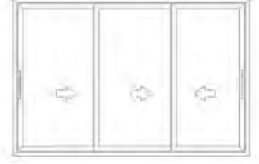
The calculation method was made on the basis of the equality of the glasses.

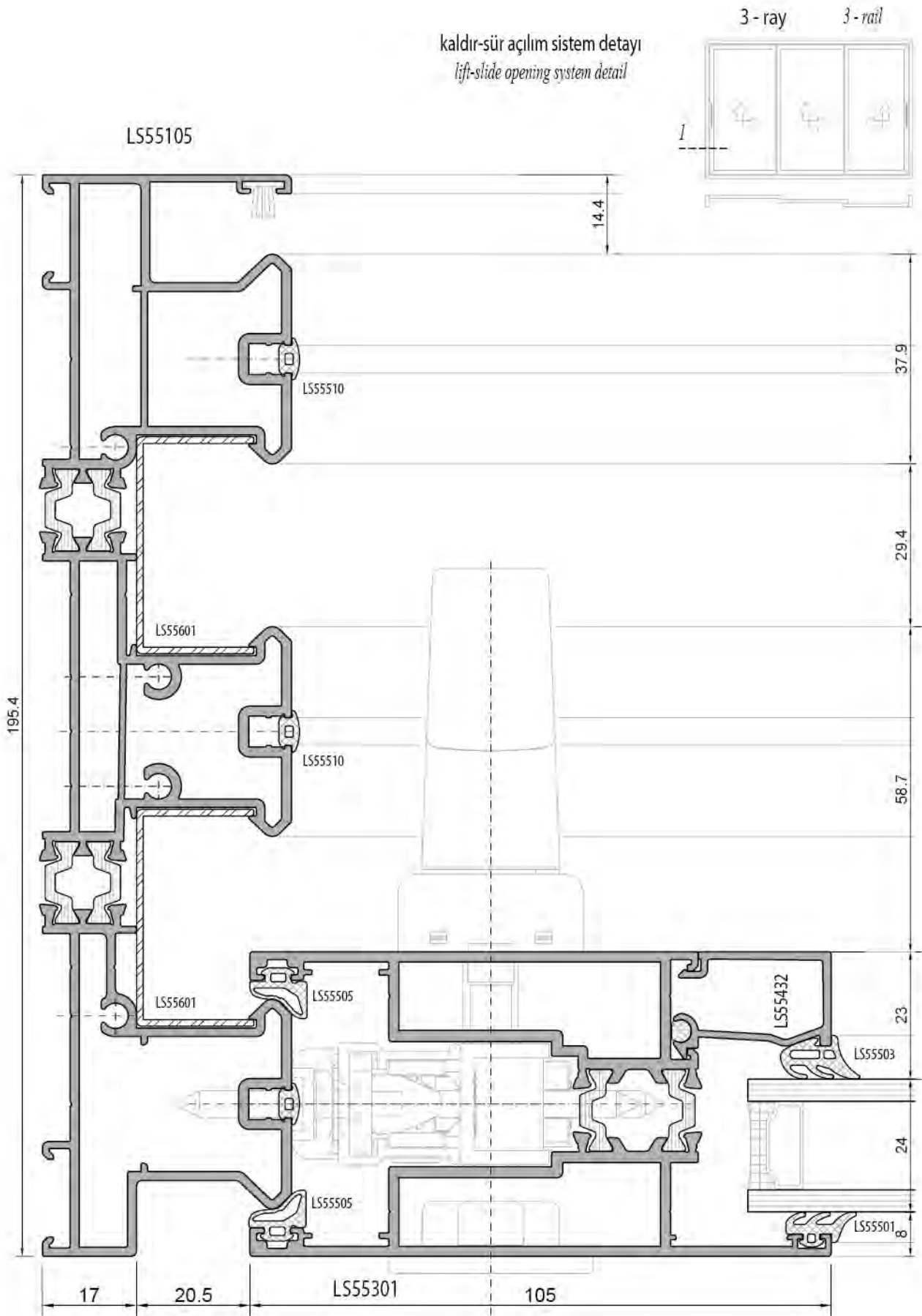


KALDIR-SÜR AÇILIM İTİLERİ
LIFT-SLIDE OPENING TYPES

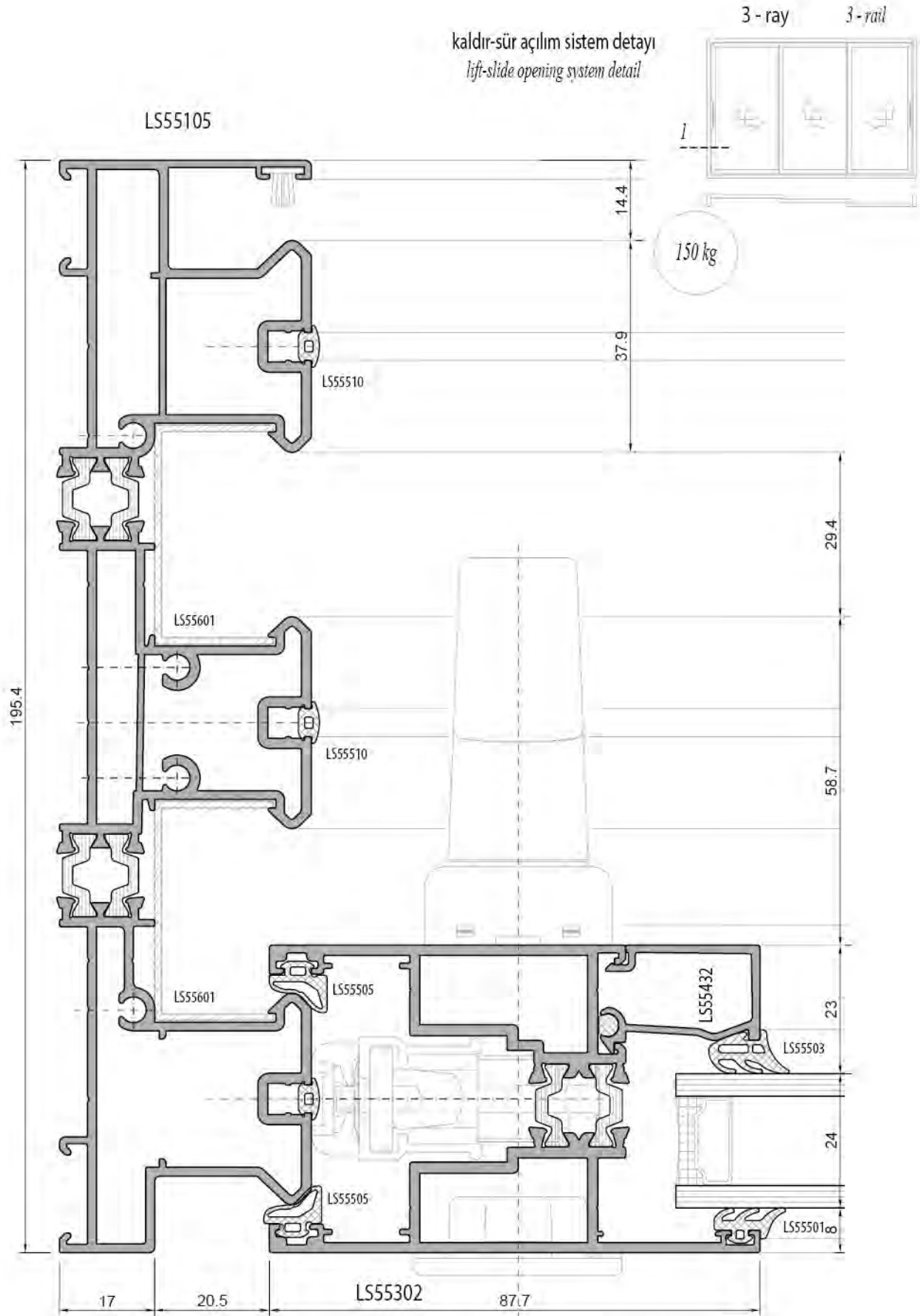
3 - RAY PROFİL SİSTEMİ
3 - RAIL PROFILE SYSTEM

KLASİK SÜRME AÇILIM İTİLERİ
CLASSICAL SLIDING OPENING TYPES



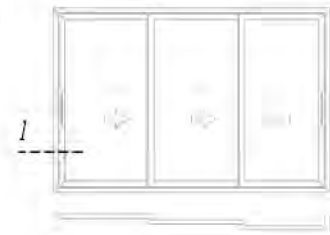


kaldır-sür açılım sistem detayı
lift-slide opening system detail



SİSTEM DETAYLARI / SYSTEM DETAILS

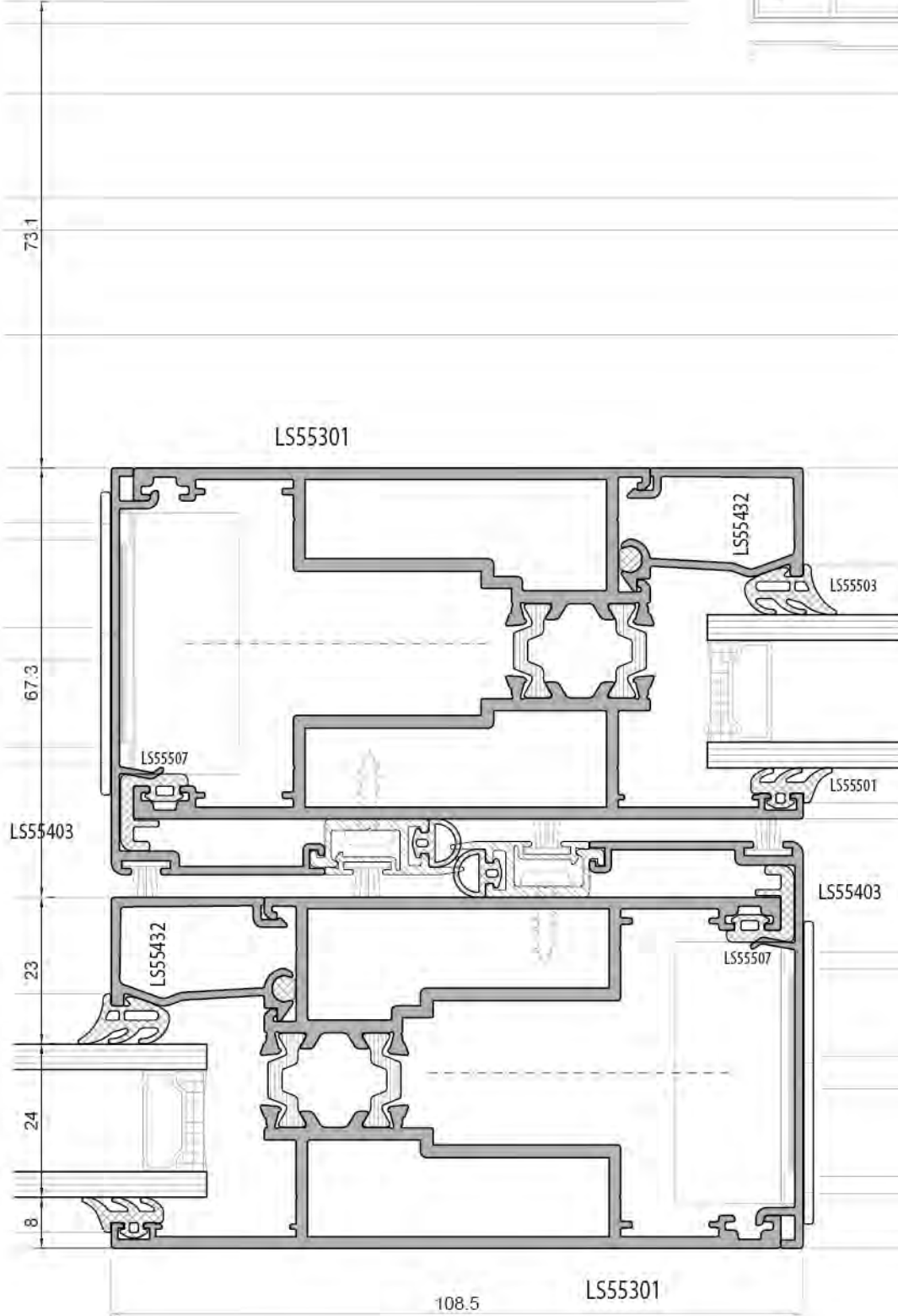
3-rail



kaldır-sür açılım sistem detayı
lift-slide opening system detail

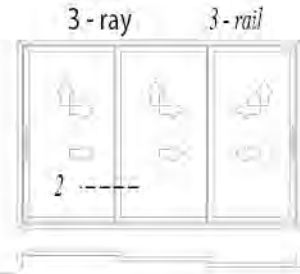
3 - ray

3 - rail



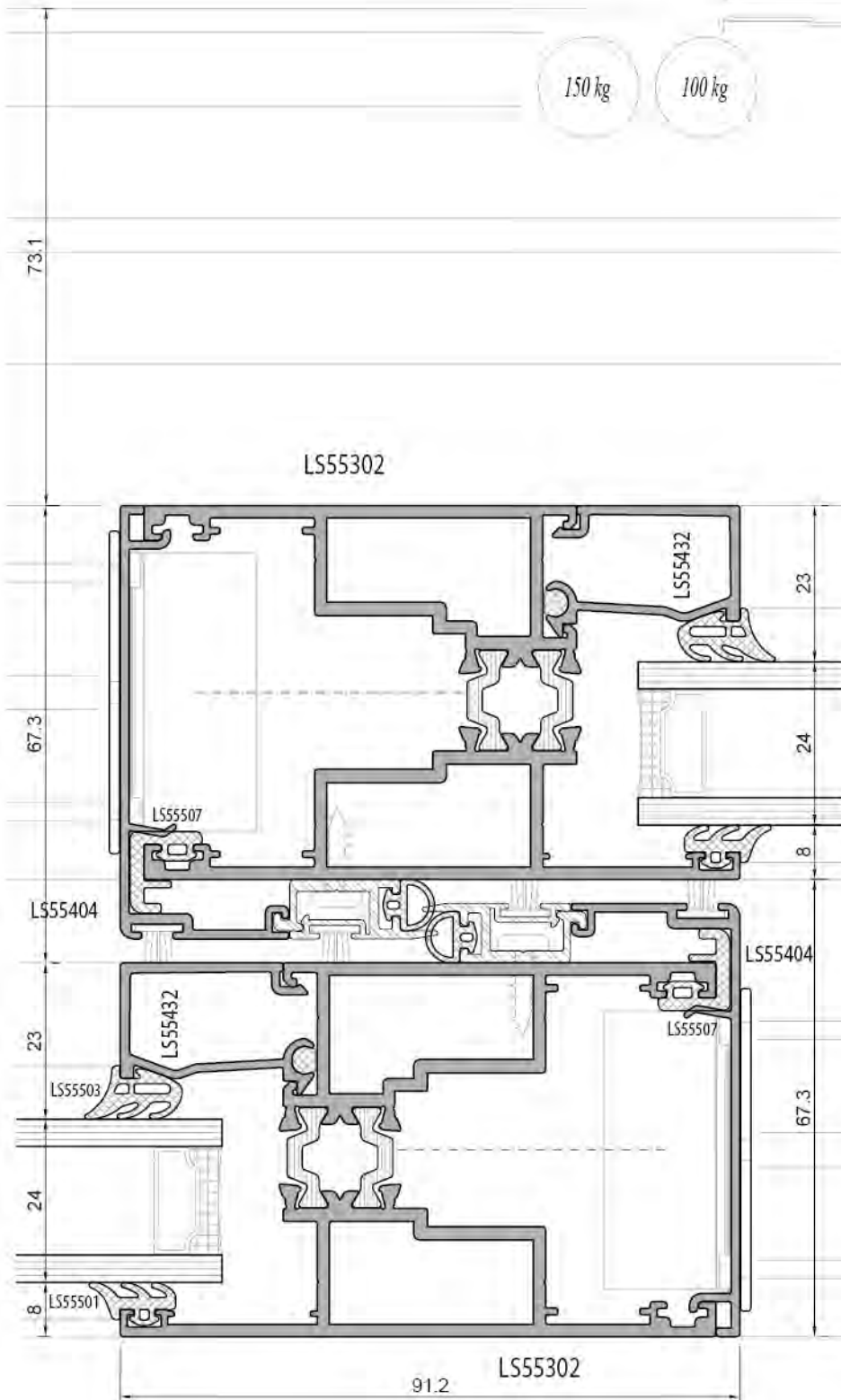
kaldır-sür açılım sistem detayı
lift-slide opening system detail

klasik sürme açılım sistem detayı
classical sliding opening system detail



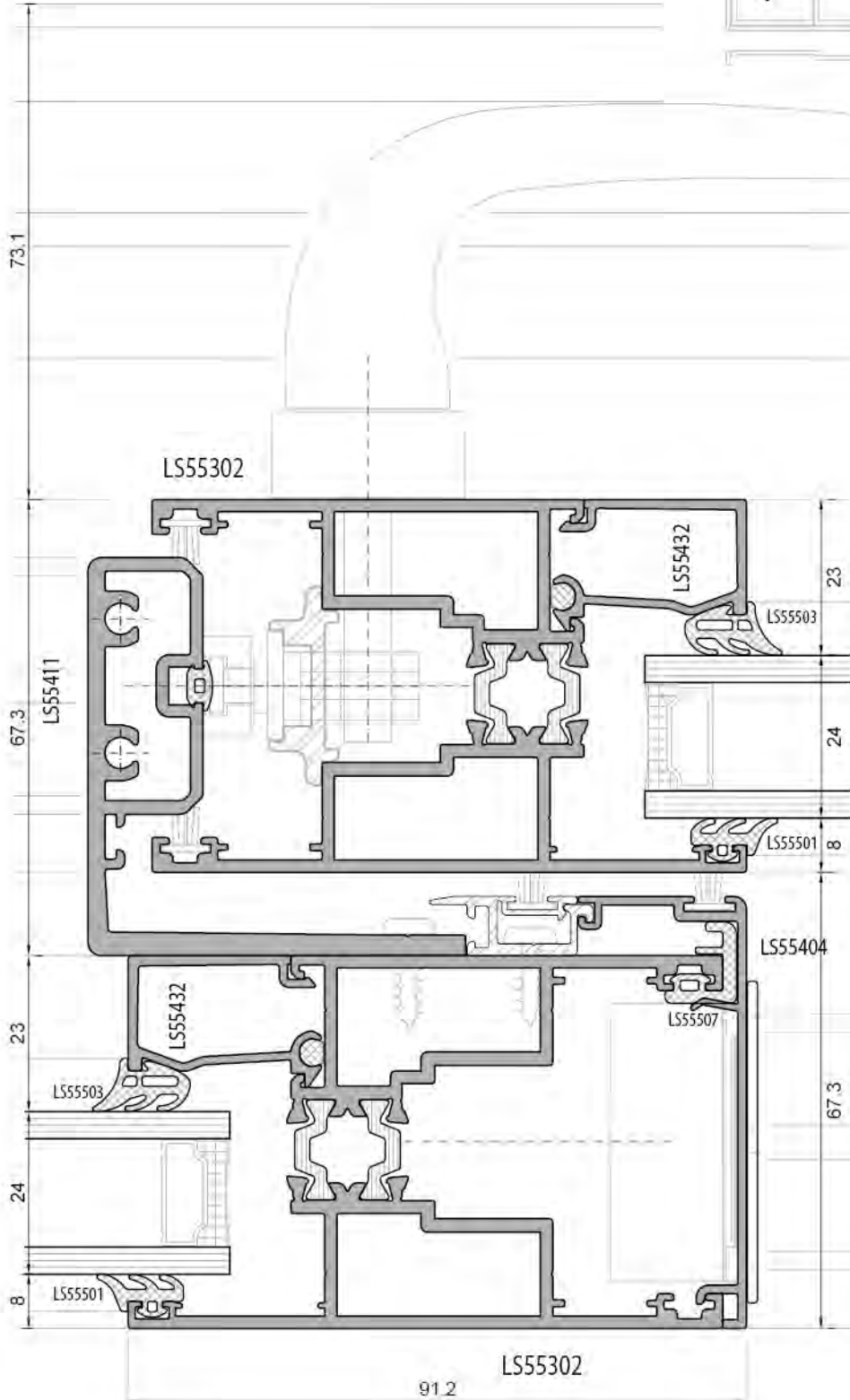
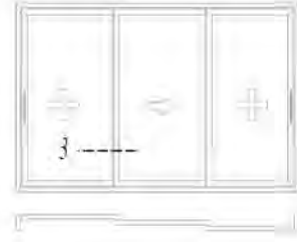
150 kg

100 kg



klasik sürme açılım sistem detayı
classical sliding opening system detail

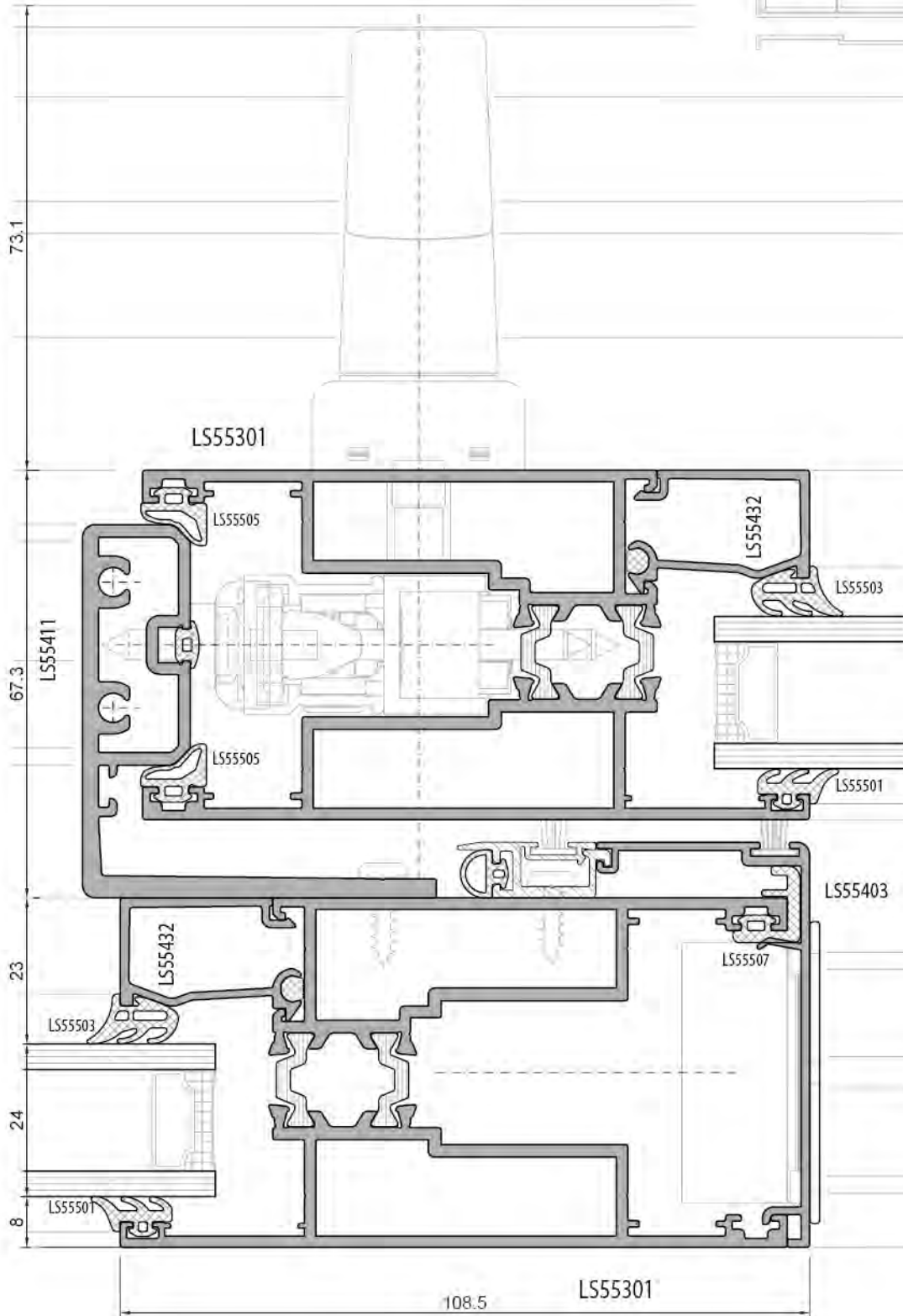
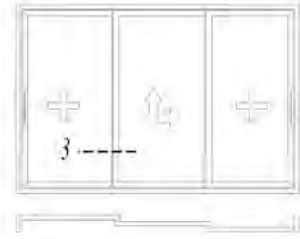
3 - ray 3 - rail

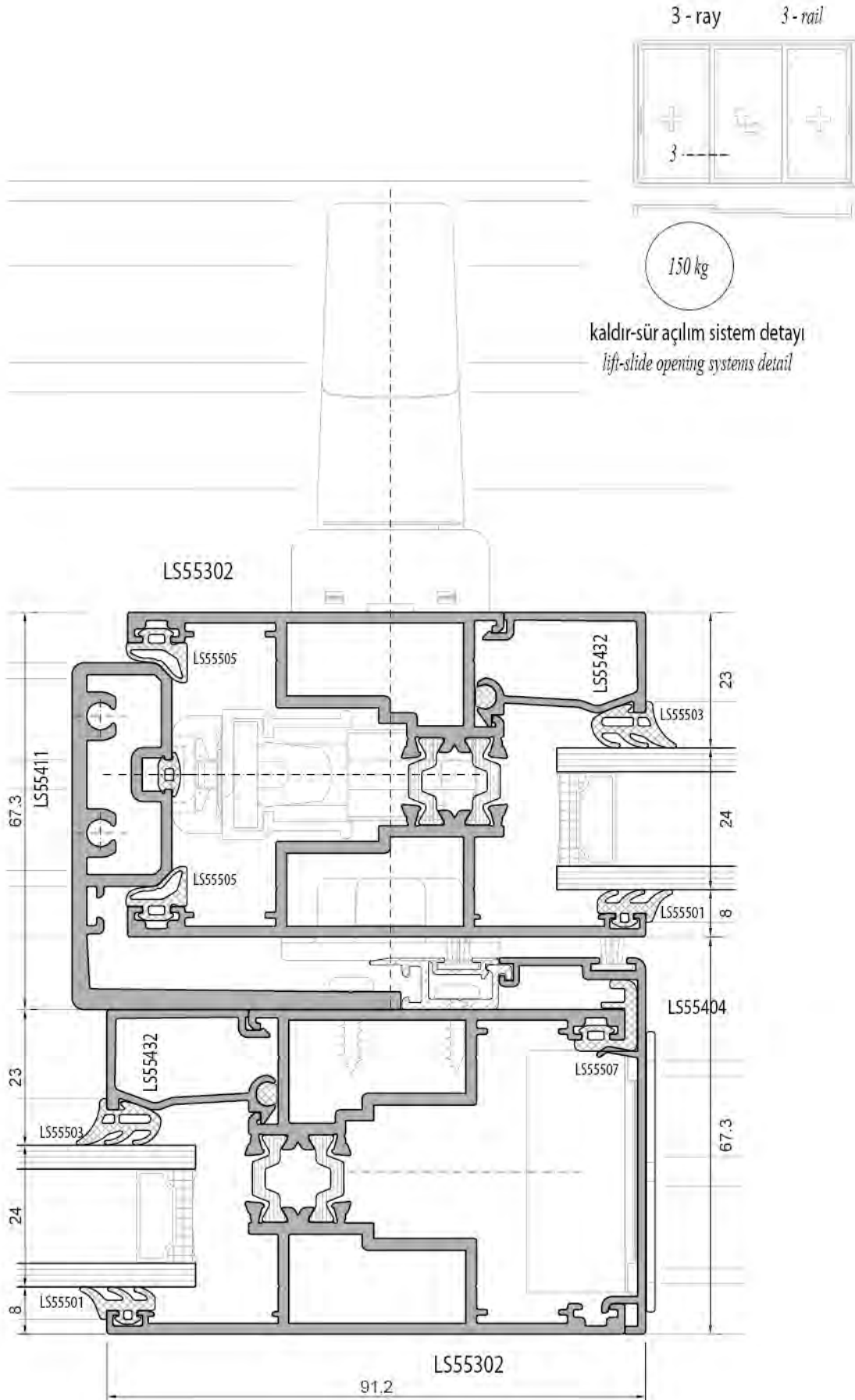


kaldır-sür açılım sistem detayı
lift-slide opening systems detail

3 - ray

3 - rail

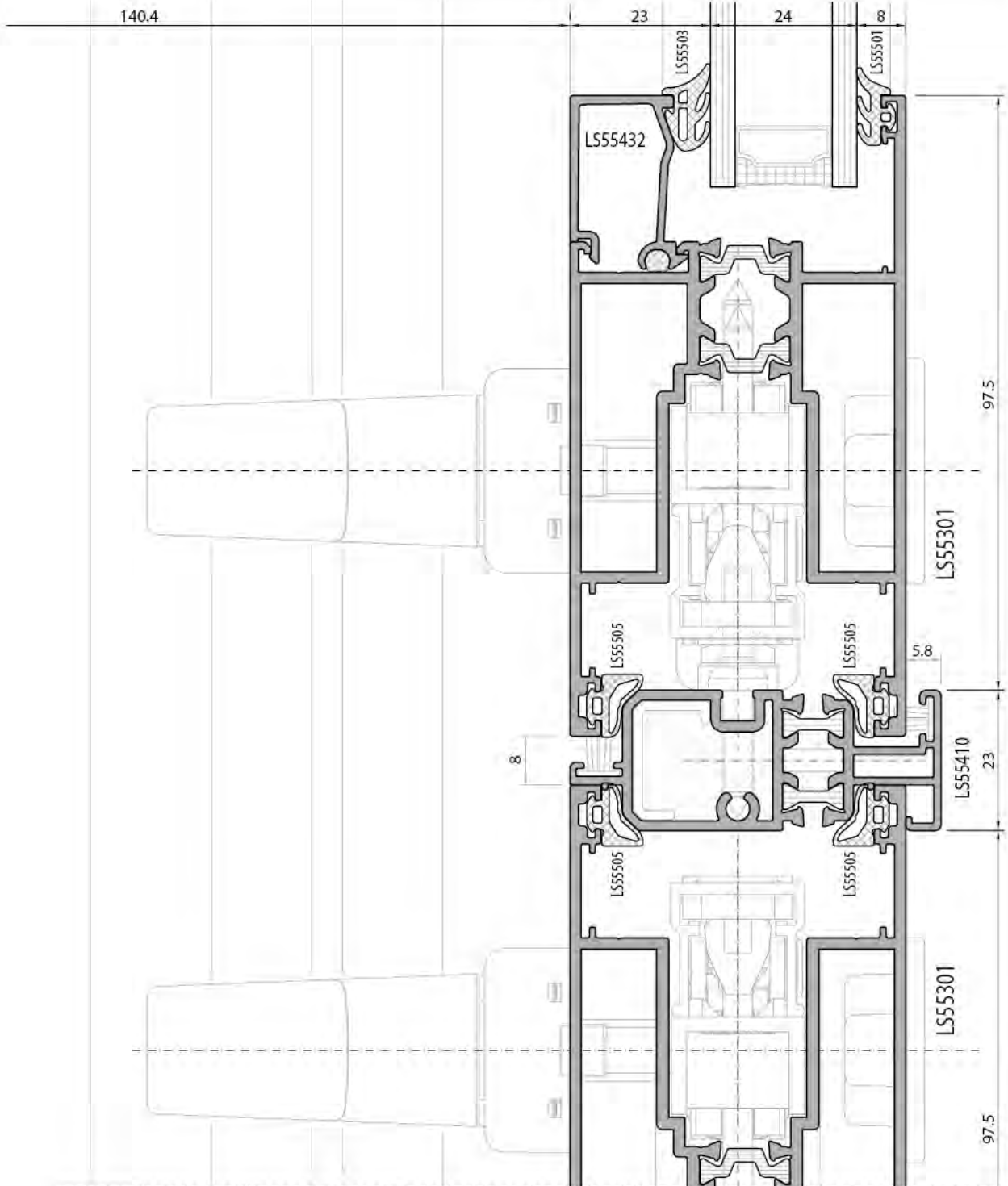
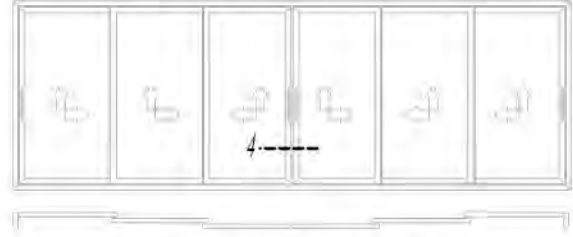


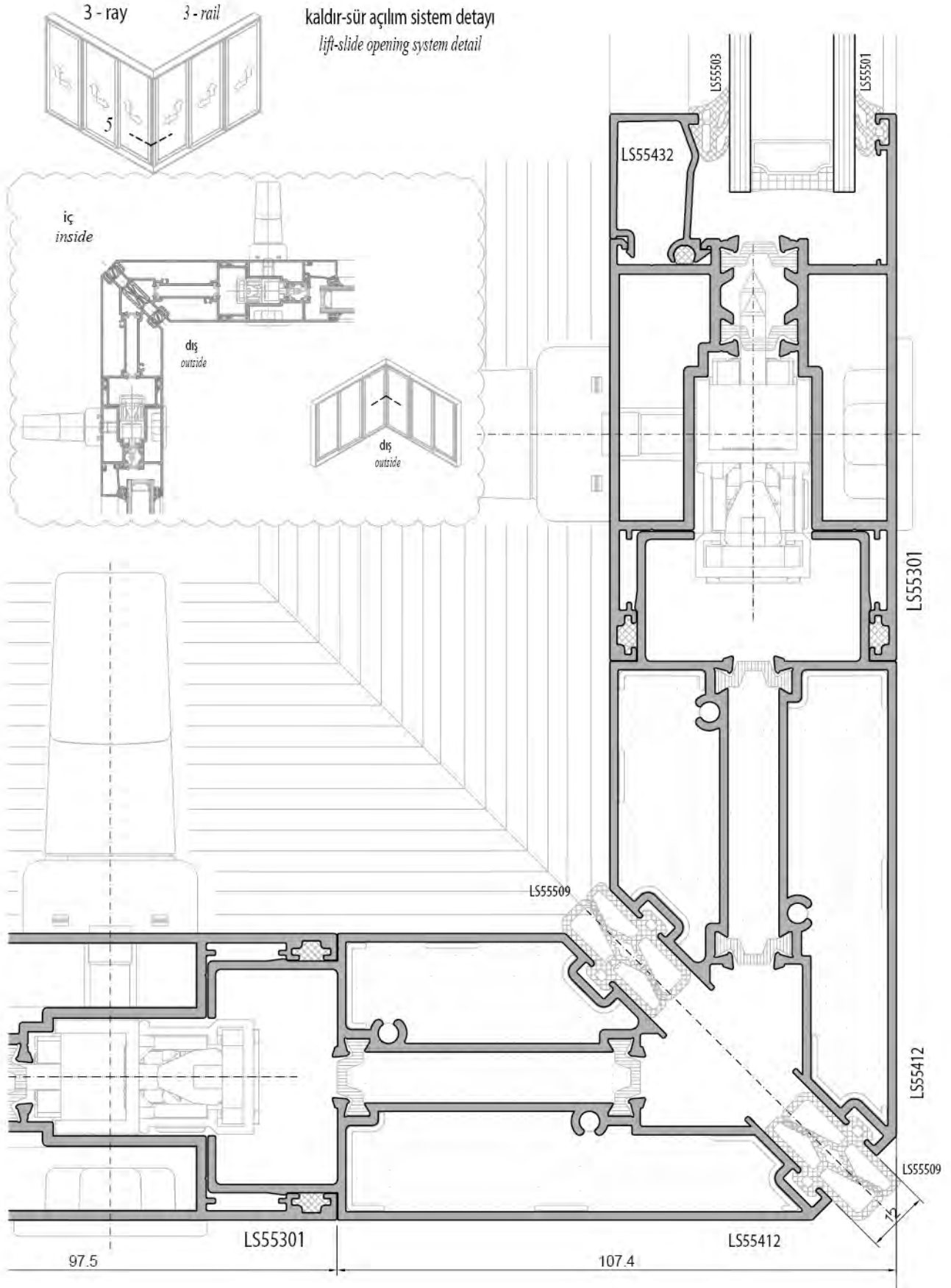


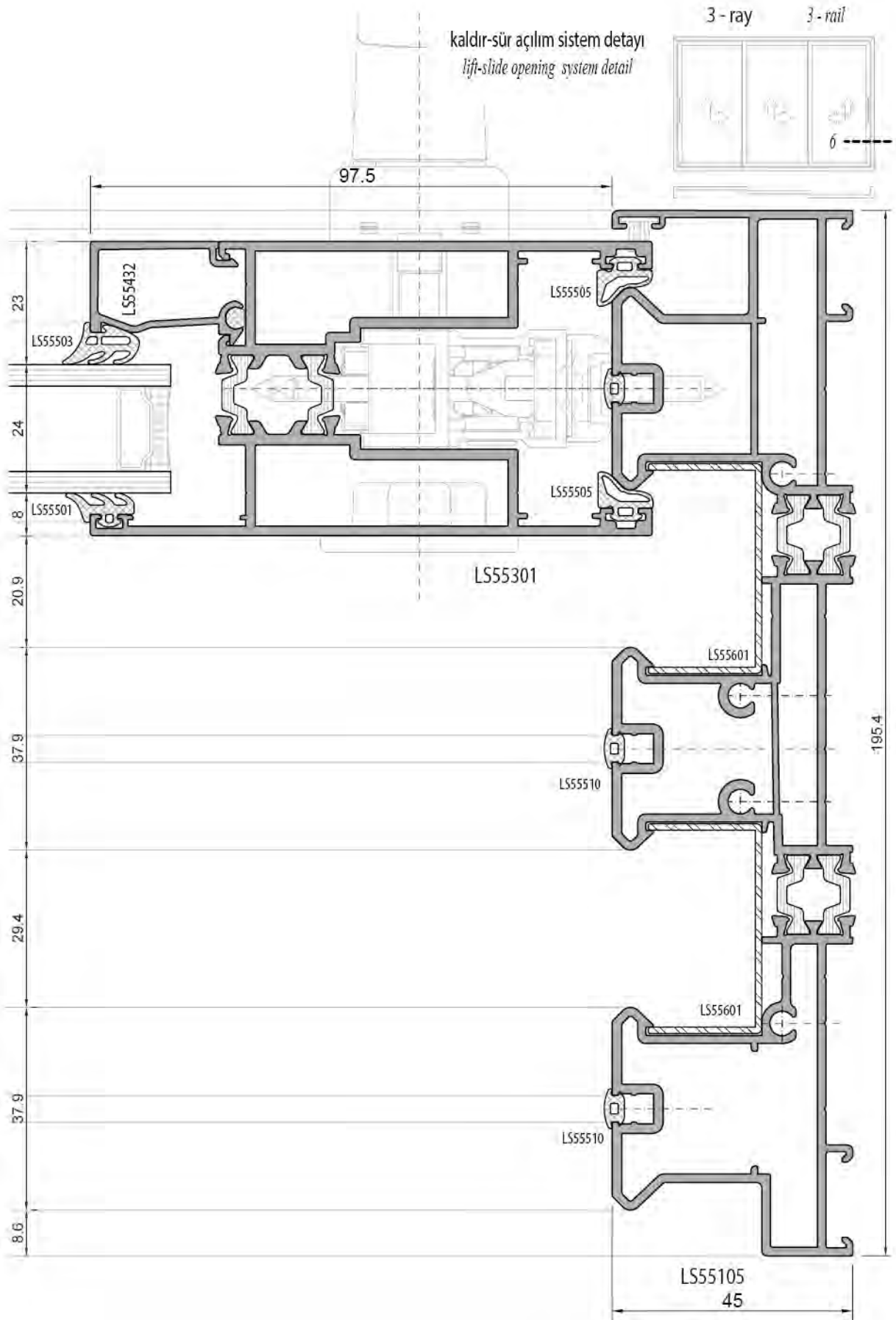
kaldır-sür açılım sistem detayı
lift-slide opening systems detail

3 - ray

3 - rail



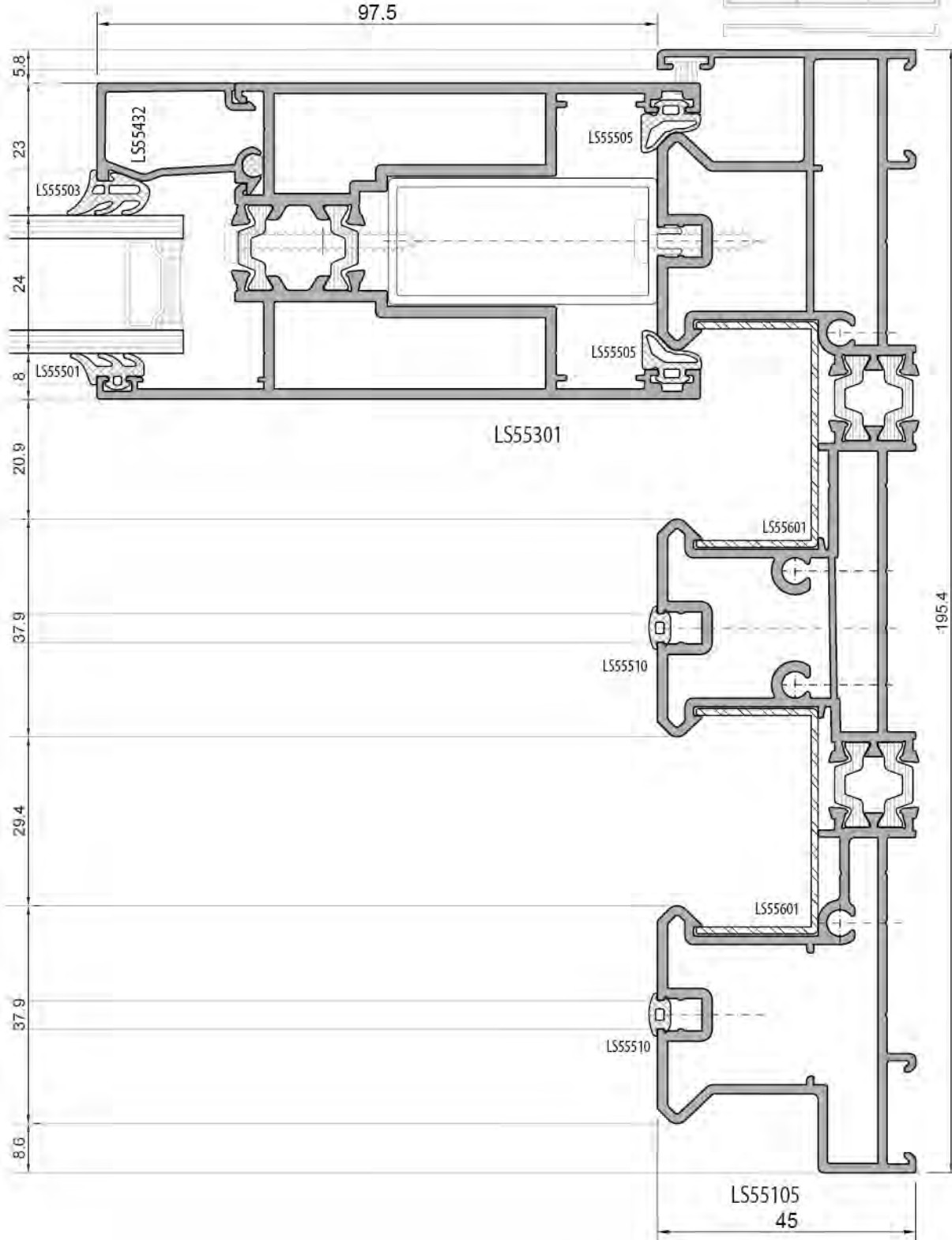




kaldır-sür açılım sistem detayı
lift-slide opening system detail

3 - ray

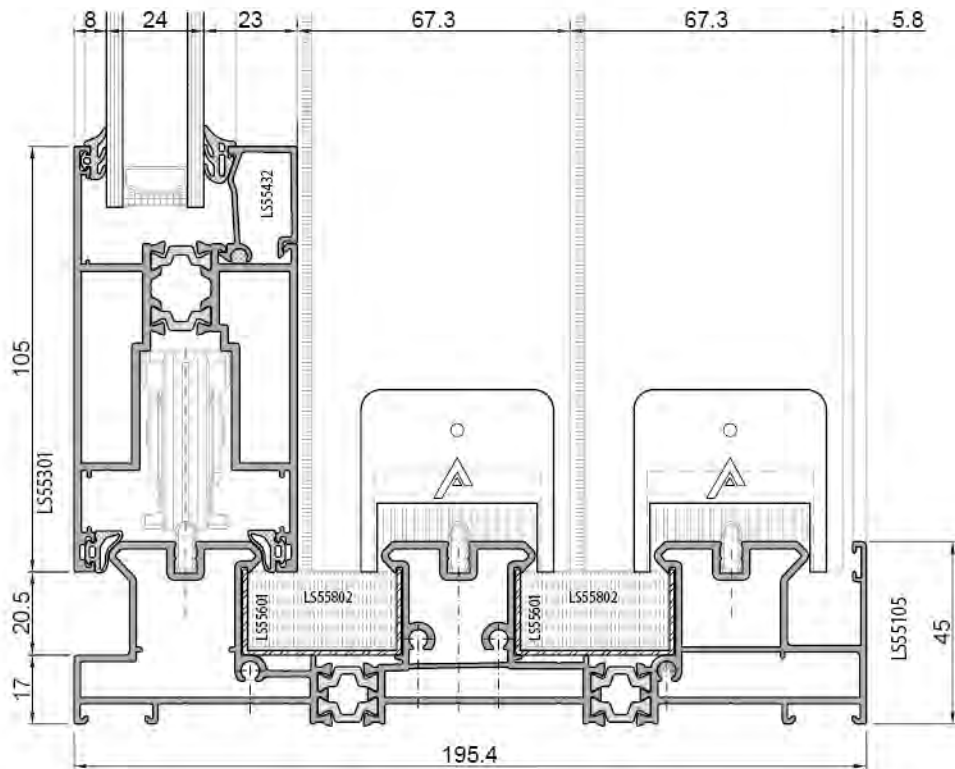
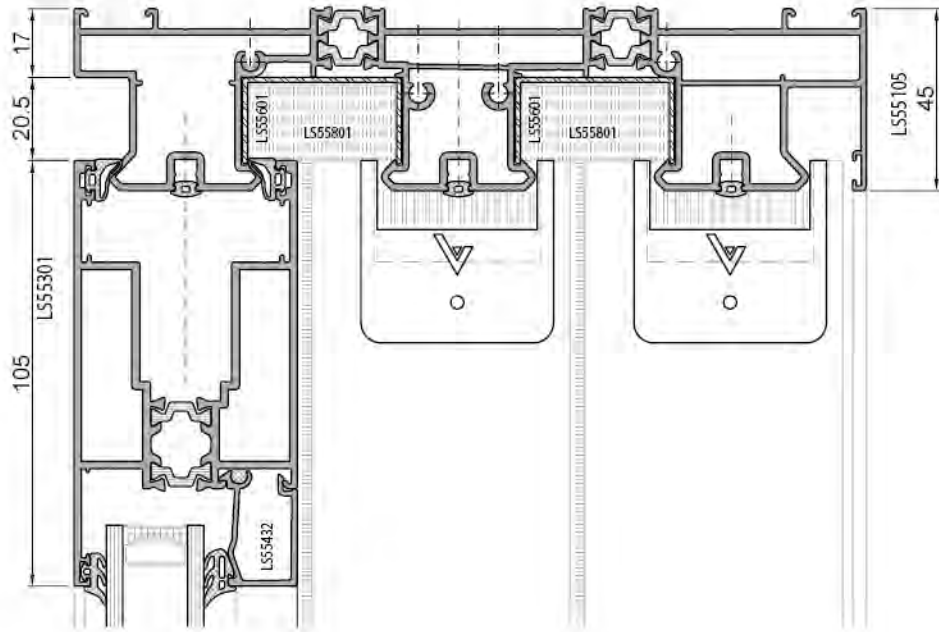
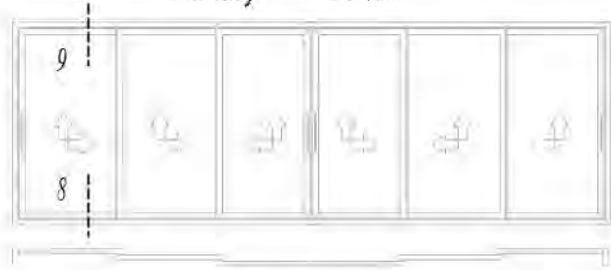
3 - rail



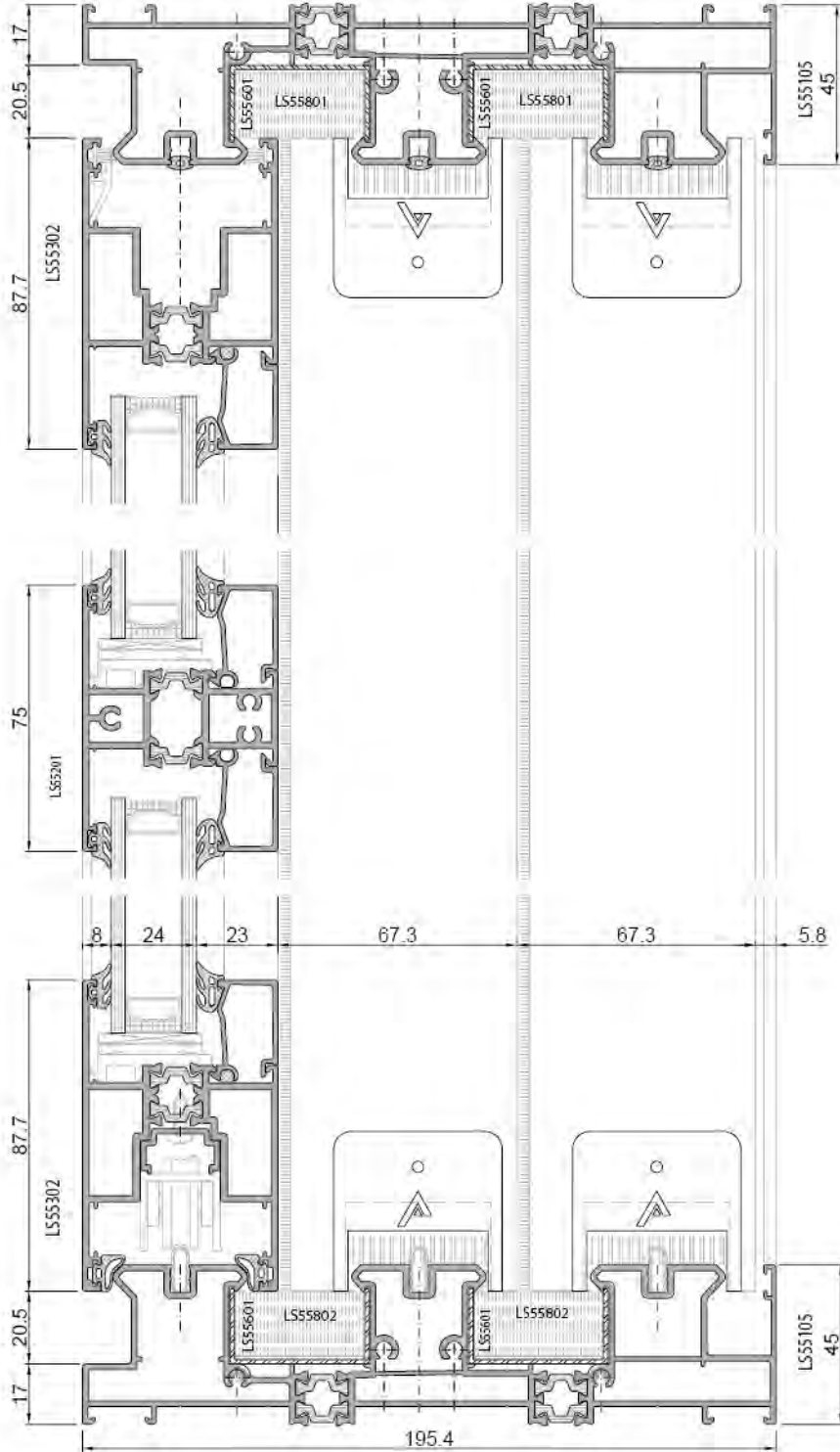
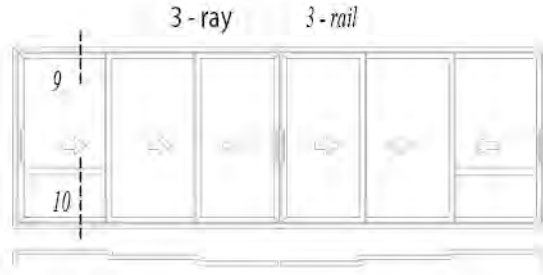
kaldır-sür açılım sistem detayı
lift-slide opening system detail

3 - ray

3 - rail

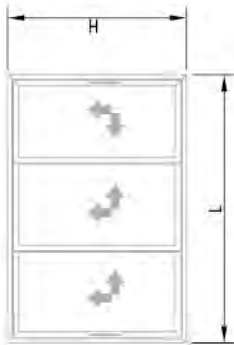


klasik sürme açılım sistem detayı
classical sliding opening system detail



KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

3 - ray 3 - rail



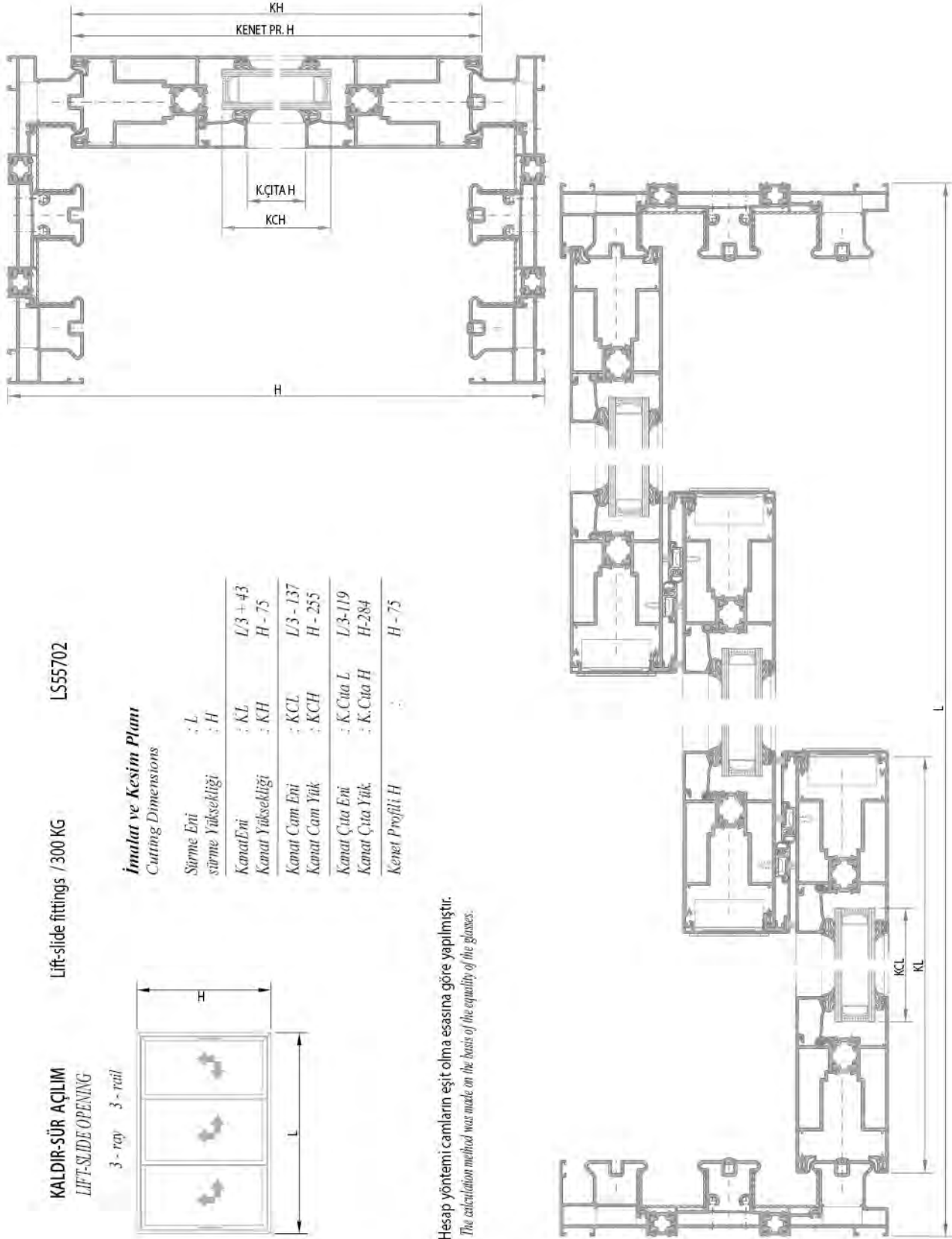
Lift-slide fittings / 300 KG

LS55702

İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni	: KL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Kanat Çita Eni	: K. Çita L
Kanat Çita Yüksekliği	: K. Çita H
Kanat Profili H	: H - 75

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

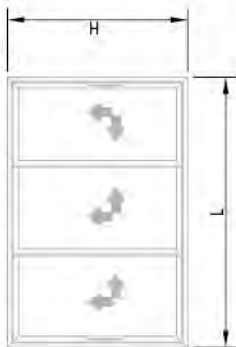


LS55701

Lift-slide fittings / 150 KG

 KALDIRI-SÜRME AÇILIM
 LIFT-SLIDE OPENING

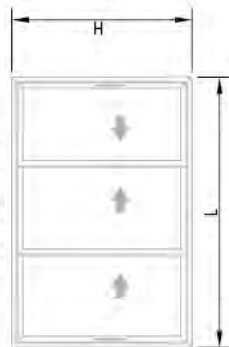
3 - ray 3 - rail



100 kg

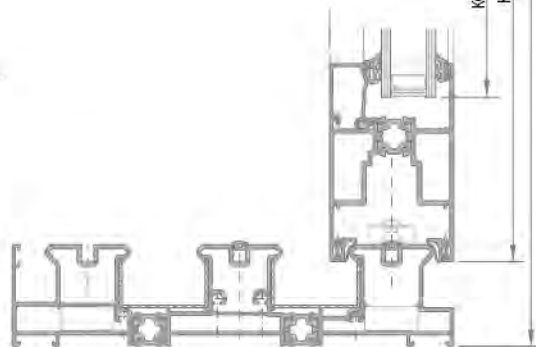
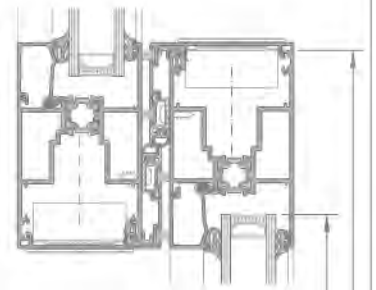
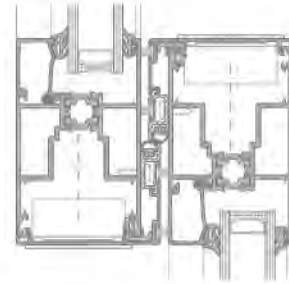
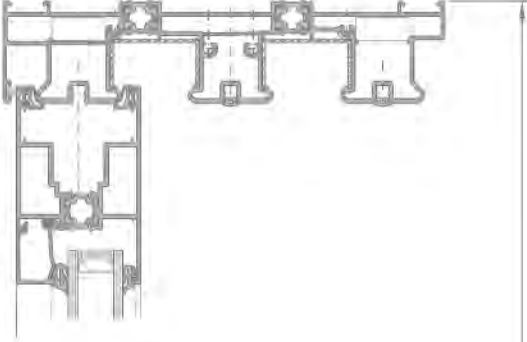
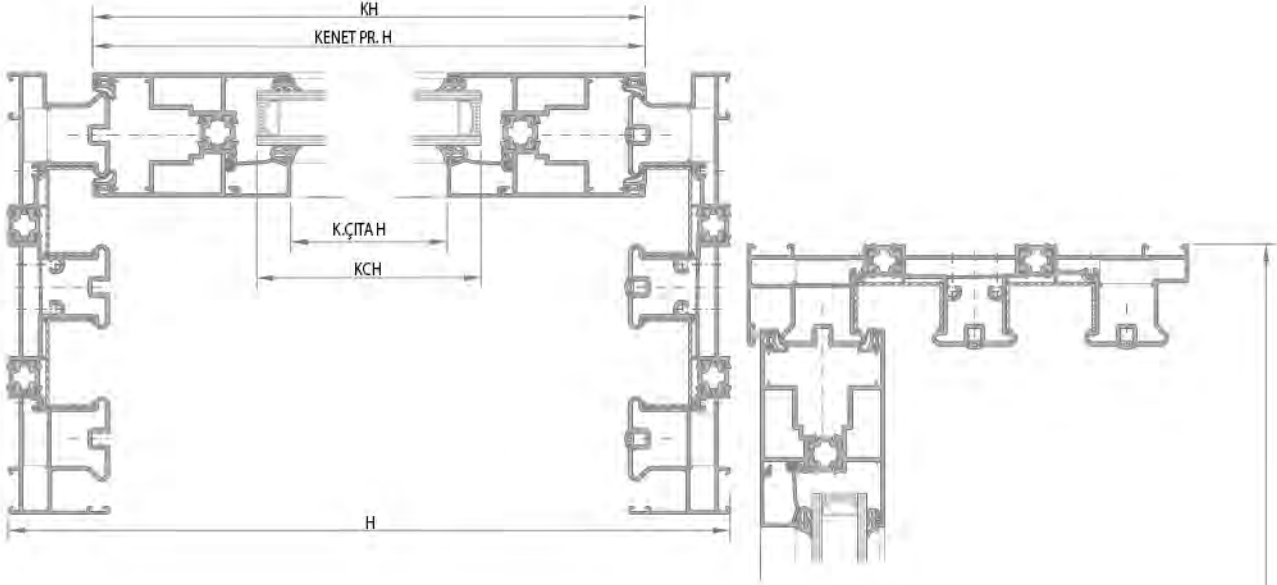
 KLASİK SÜRME AÇILIM
 CLASSICAL SLIDING OPENING

3 - ray 3 - rail


İmalat ve Kesim Planı
 Cutting Dimensions

Sürme Eni	: L
Sürme Yüksekliği	: H
Kanat Eni	: KL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Kanat Çıta Eni	: K Çıta L
Kanat Çıta Yüksekliği	: K Çıta H
Kanat Profil H	: H - 75

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
 The calculation method was made on the basis of the equality of the glasses.

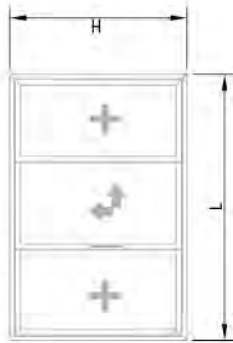


LS55702

Lift-slide fittings / 300 KG

KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

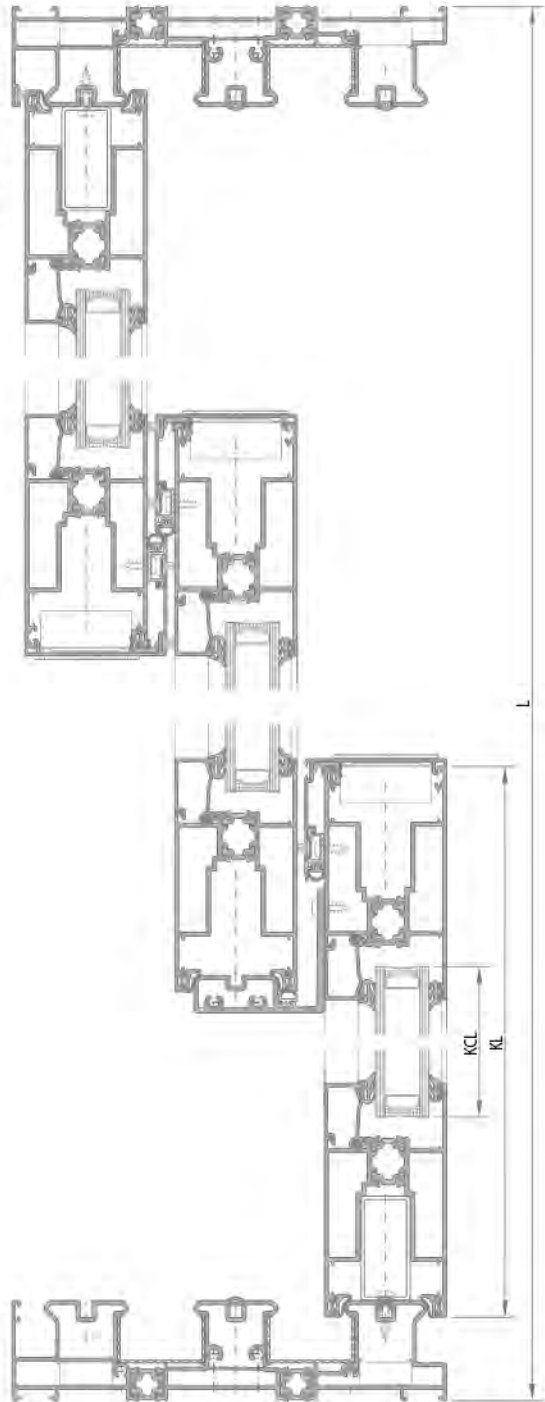
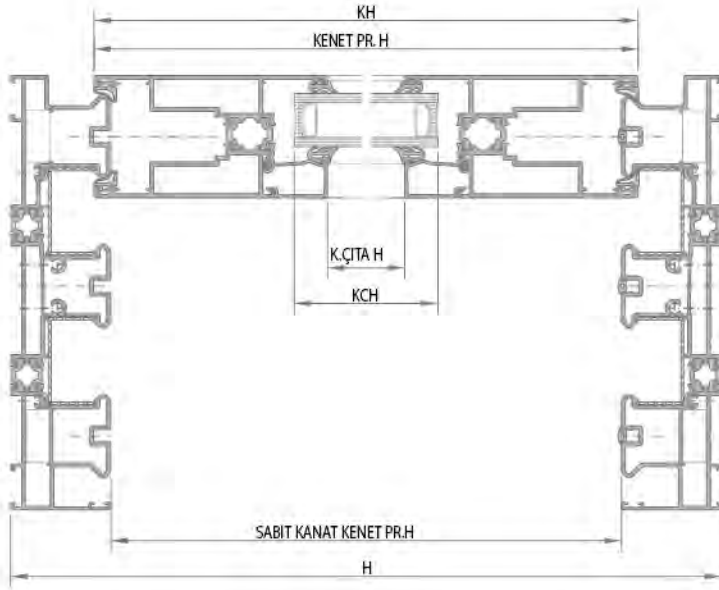
3 - ray 3 - rail

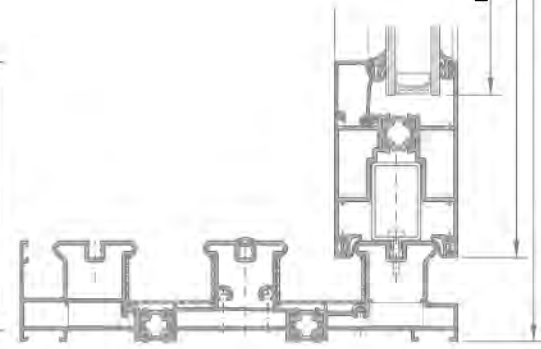
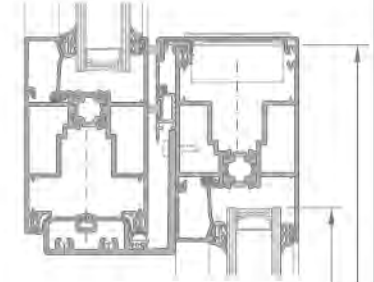
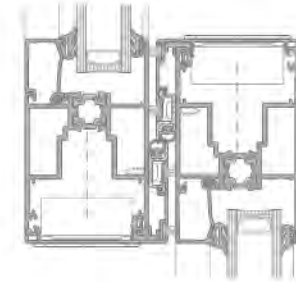
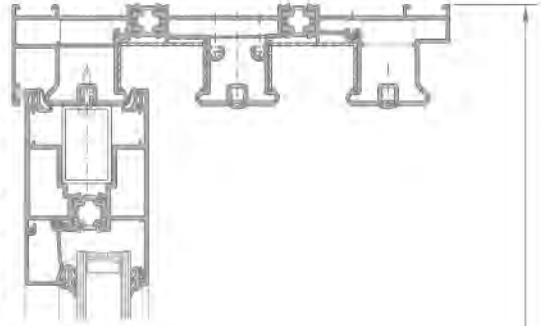
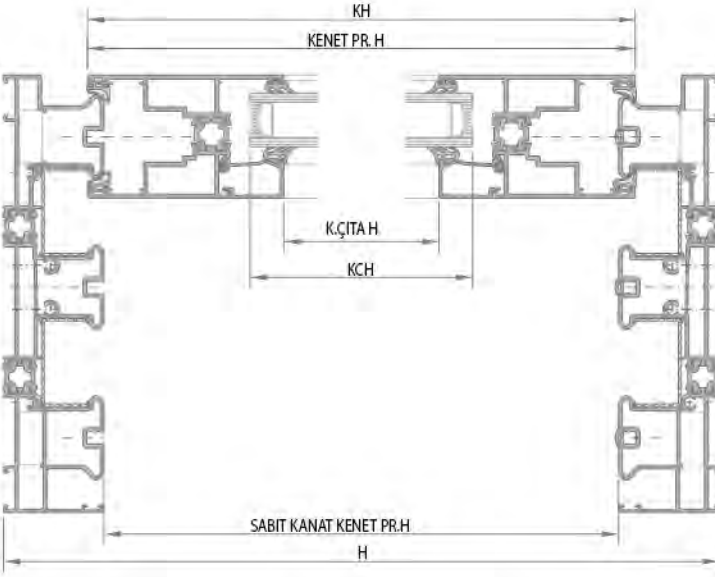


İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni	: KL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Kanat Çita Eni	: K Çita L
Kanat Çita Yüksekliği	: K Çita H
Kanat Profili H	: H-75
Sabit Kanat Kenet Profili H	: H-75

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



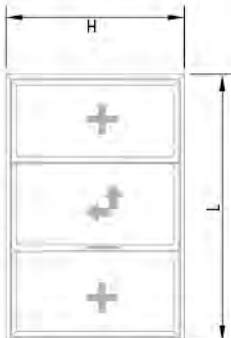


LS55701

Lift-slide fittings / 150 KG

KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

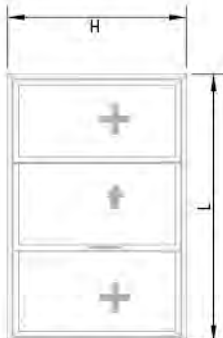
3 - ray 3 - nail



100 kg

KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

3 - ray 3 - nail



İnşaat ve Kesim Planı
Cutting Dimensions

Sürme Eni	: L
Sürme Yüksekliği	: H
Kanat Eni	: KL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Kanat Çita Eni	: KÇita L
Kanat Çita Yüksekliği	: KÇita H
Kenet Profili H	: H - 75
Sabit Kanat Kenet Profili H	: H - 75

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

Lift-slide fittings / 300 KG

LS55702

3 - ray 3 - rail

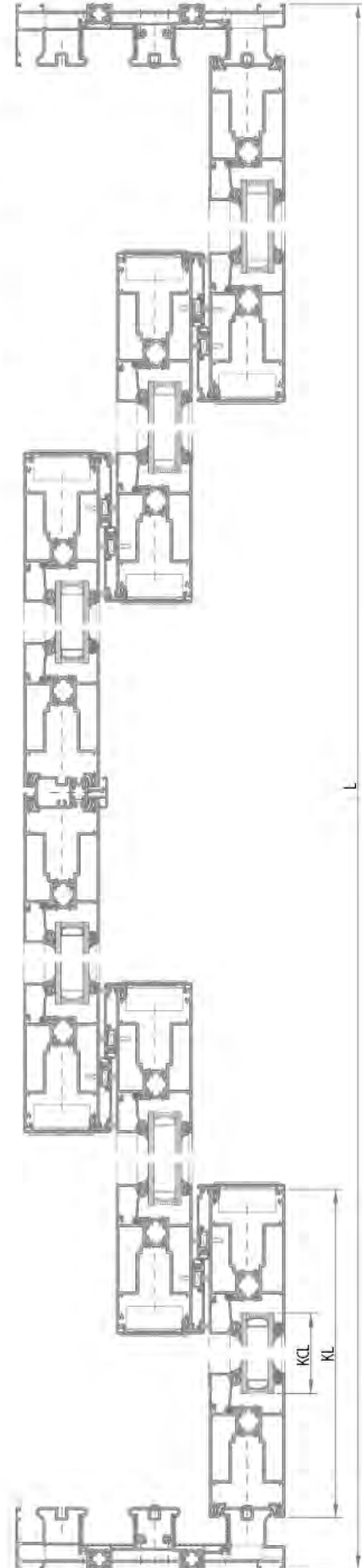
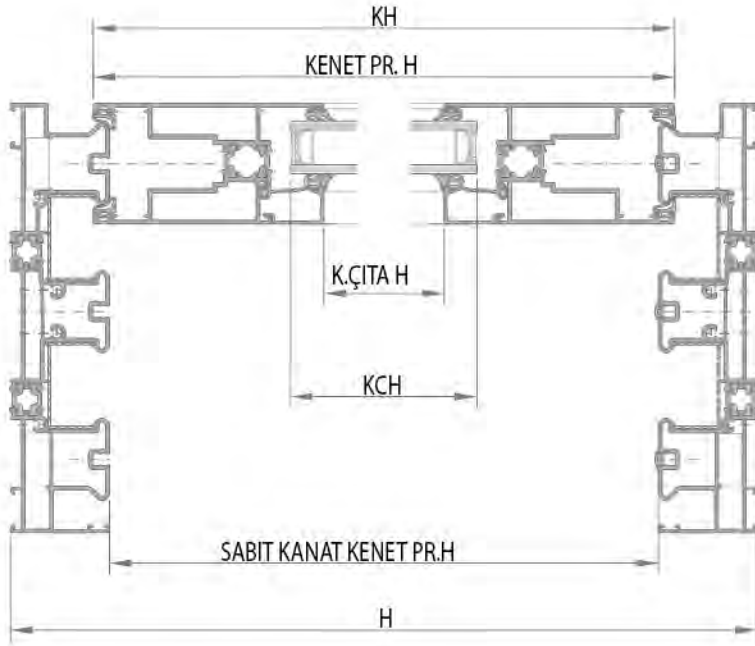


LIFT-SLIDE OPENING

İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni	: L
Sürme Yüksekliği	: H
Kanat Eni	: KL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Kanat Çita Eni	: K Cita L
Kanat Çita Yüksekliği	: K Cita H
Kenet Profili H	: H - 75
Kanat Birl. Adap. H	: H - 116

* Hesap yöntemi camların eşit olmasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

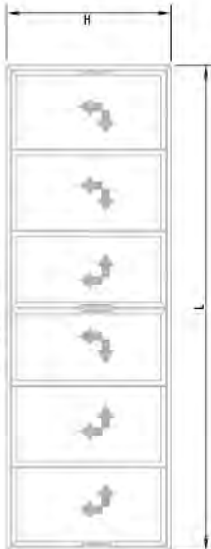


LS55701

Lift-slide fittings / 150 KG

KALDIR-SÜR AÇILIM
LIFT-SLIDE OPENING

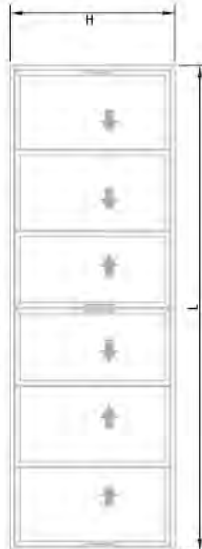
3 - ray 3 - rail



100 kg

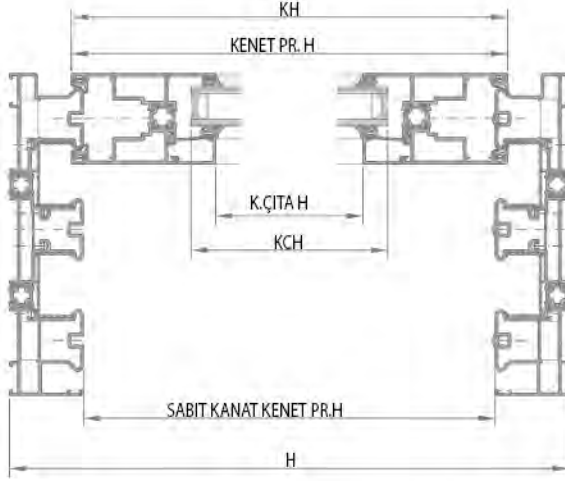
KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

3 - ray 3 - rail

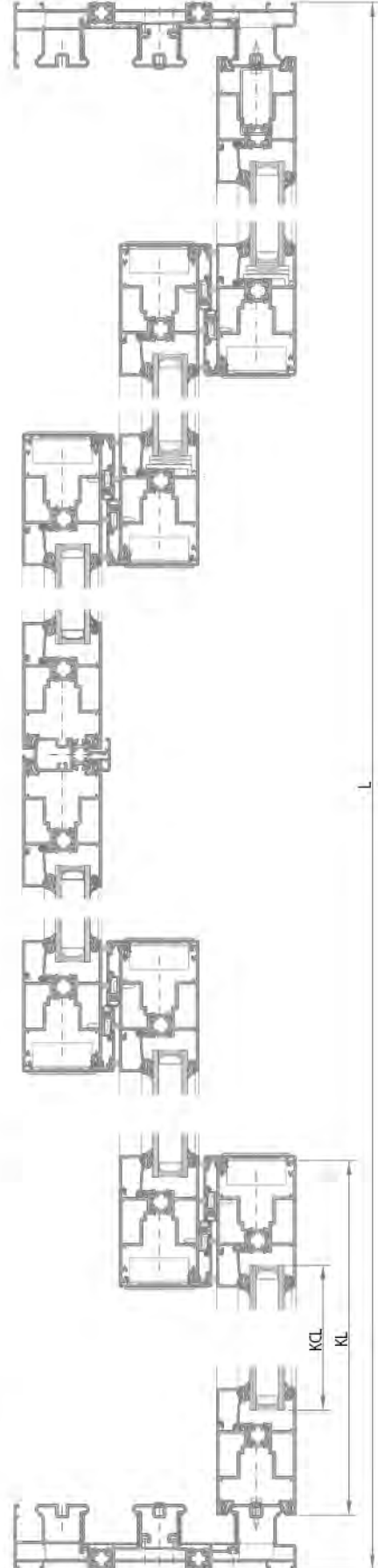


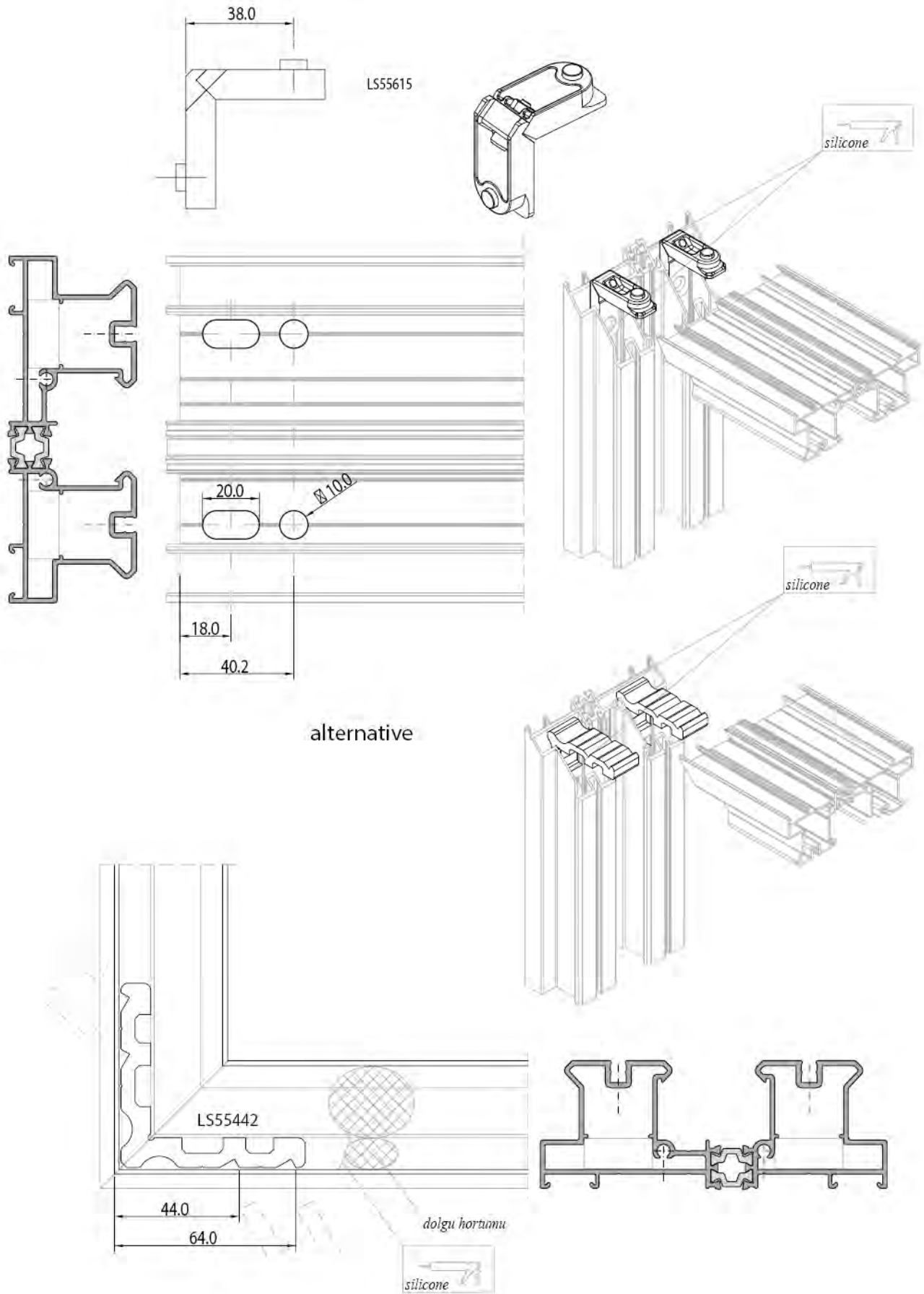
İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni	: KL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Kanat Çıta Eni	: K Çıta L
Kanat Çıta Yüksekliği	: K Çıta H
Kanat Profili H	: H - 75
Kanat Bir-L Adap. H	: H - 116

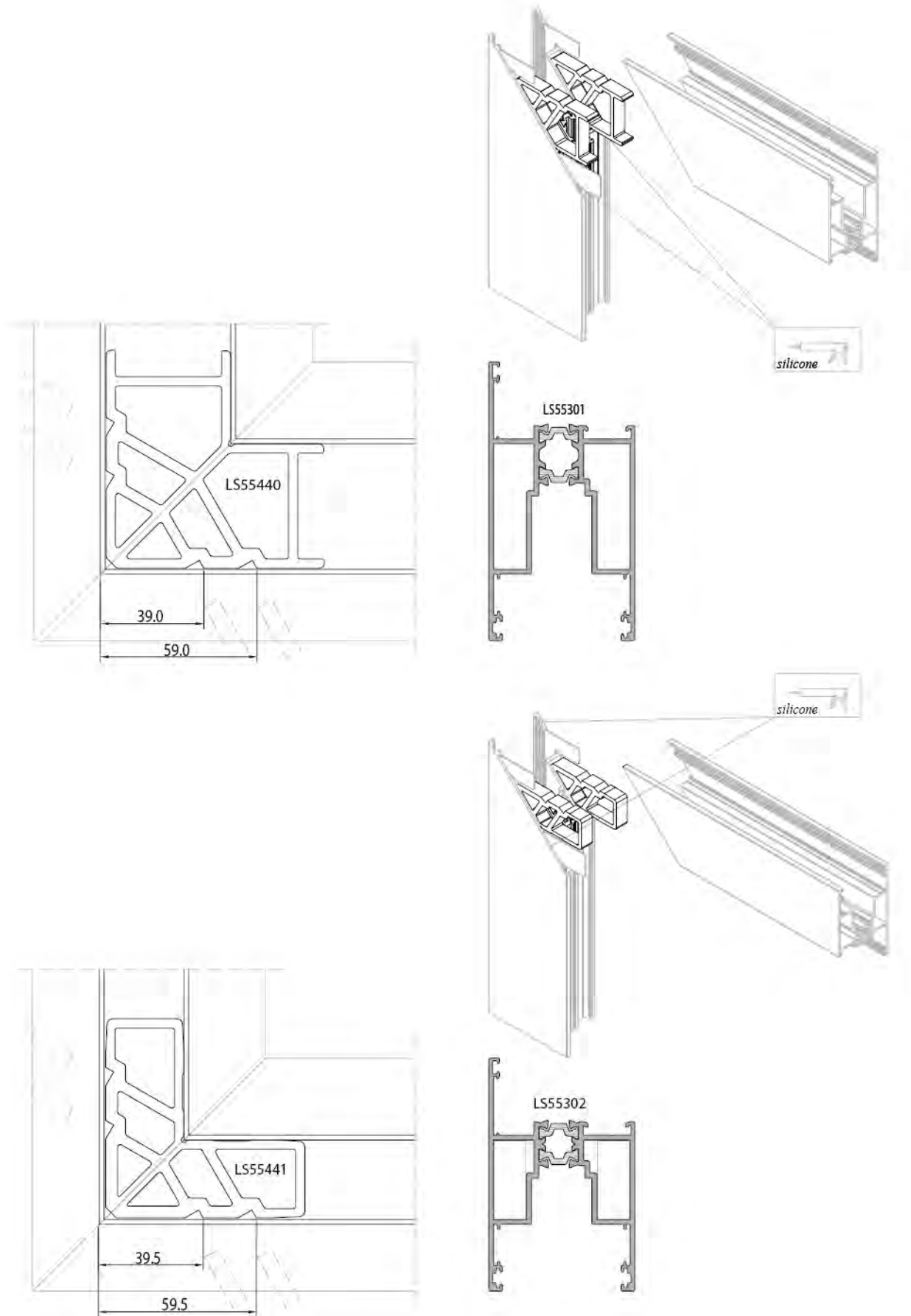


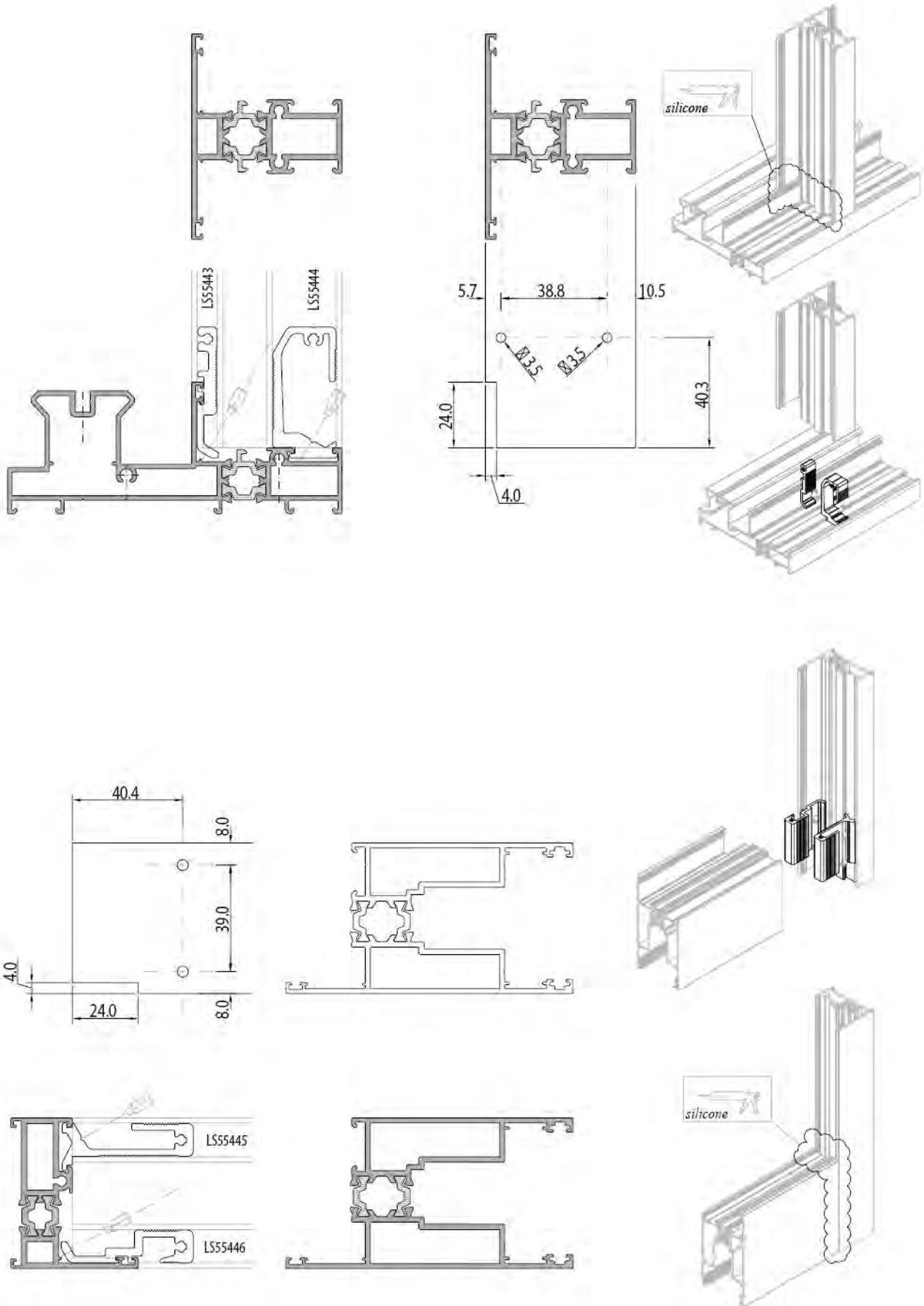
* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

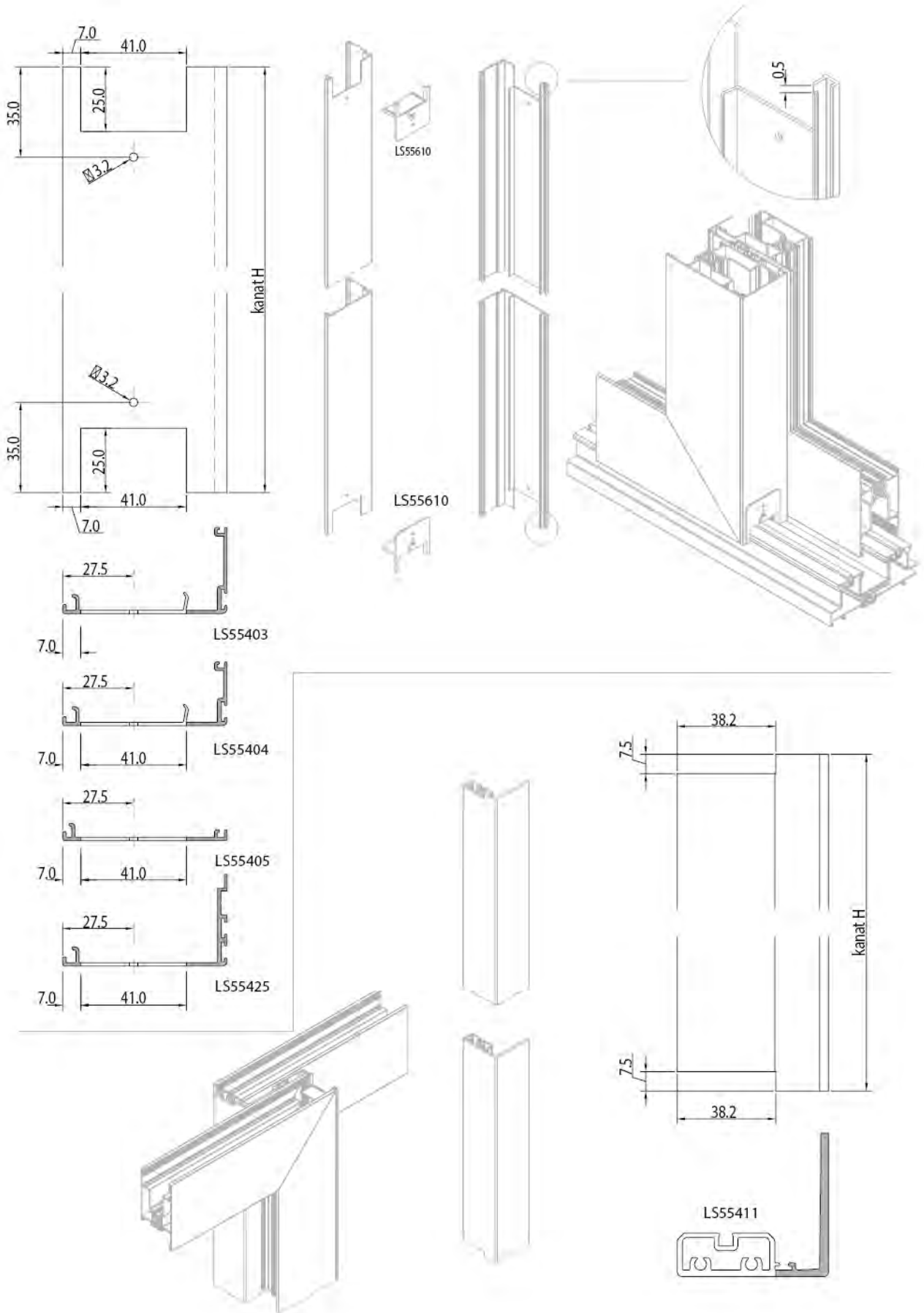




alternative

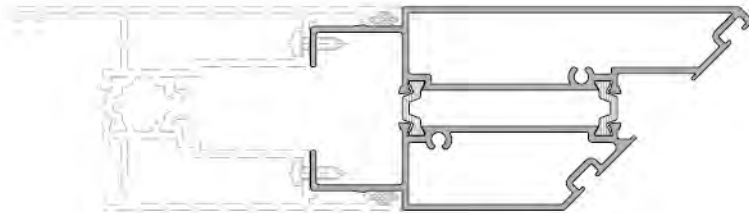
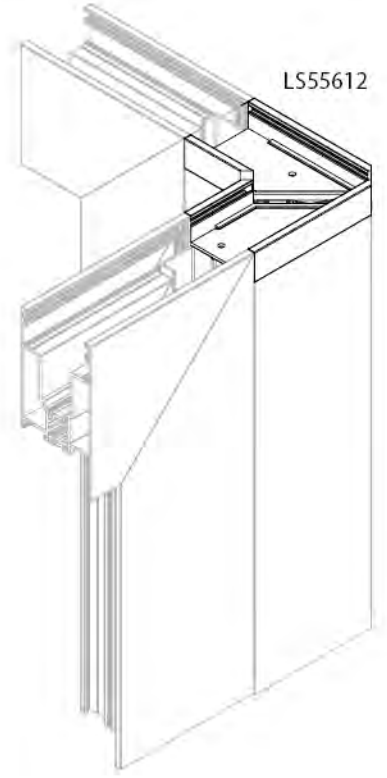
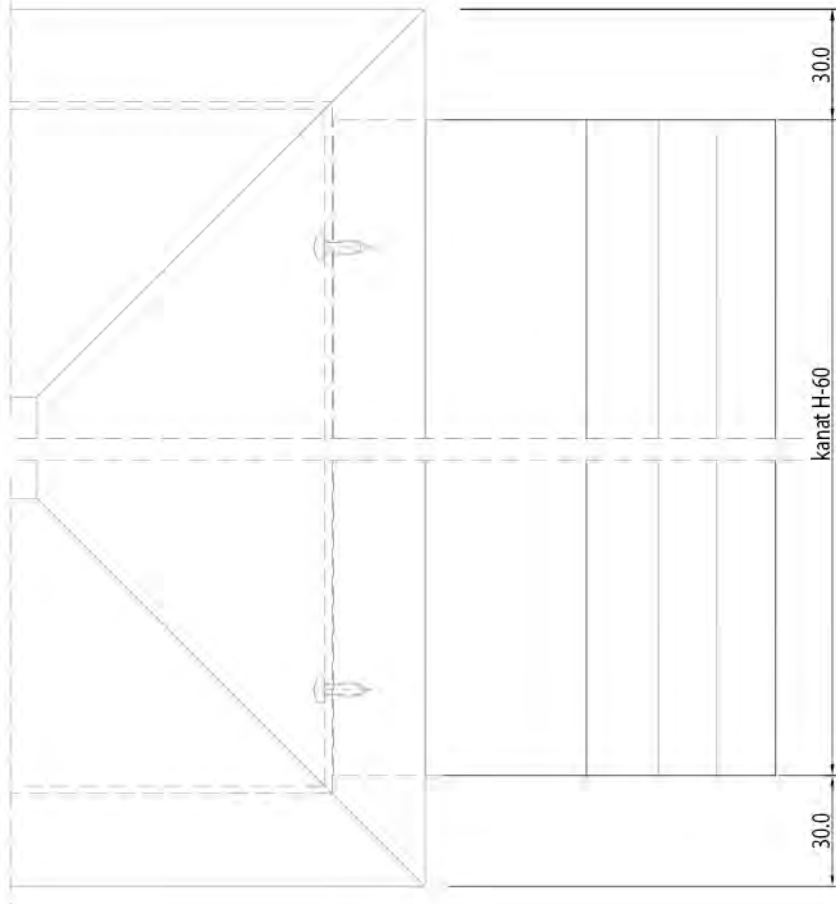






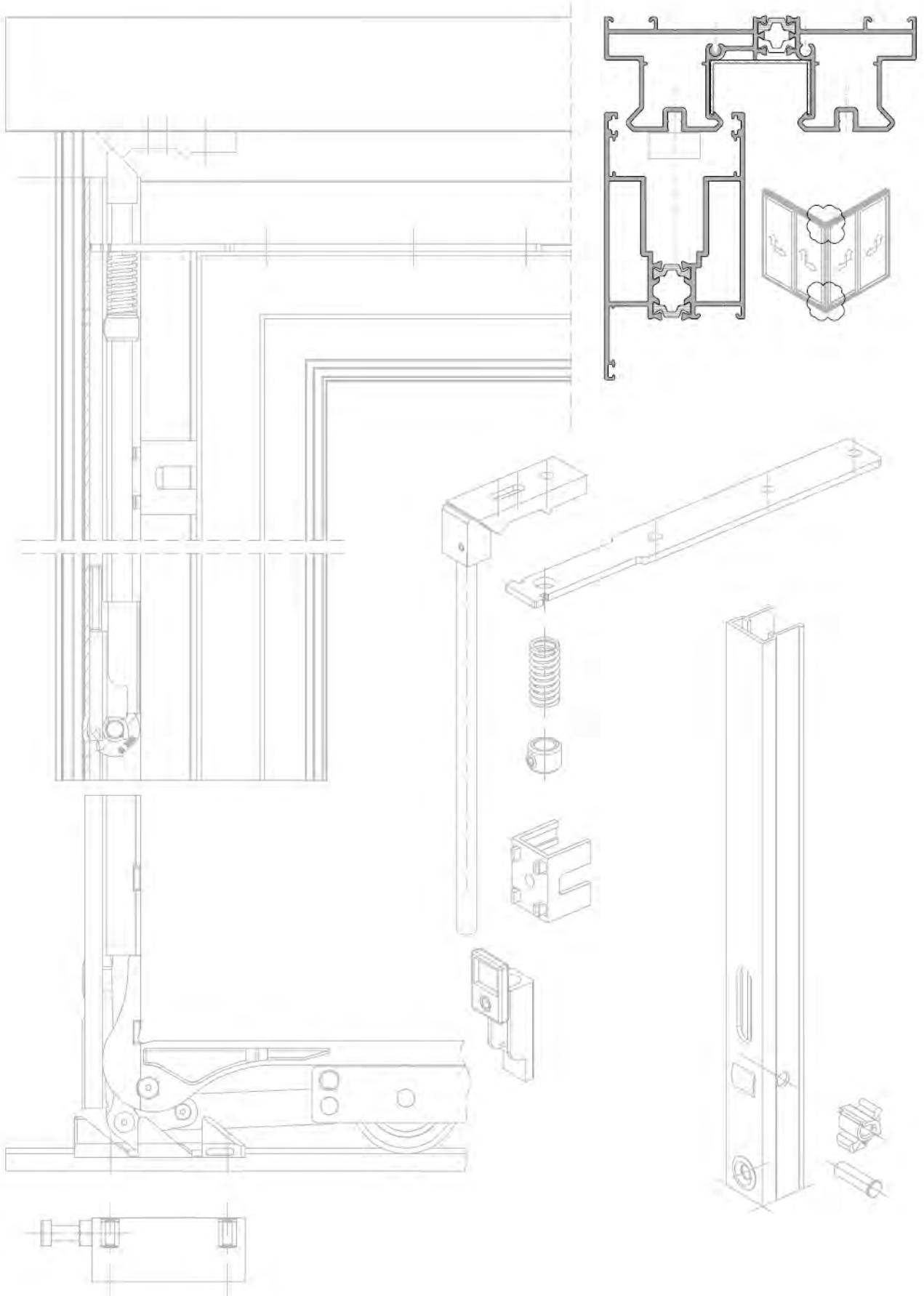
LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



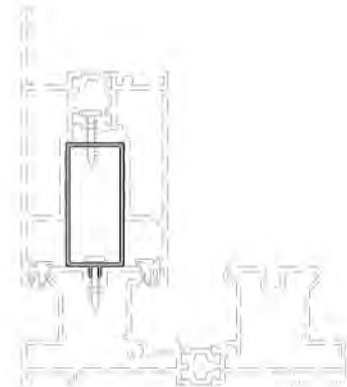
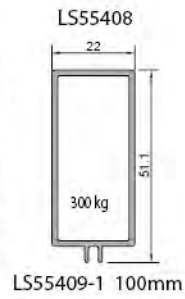
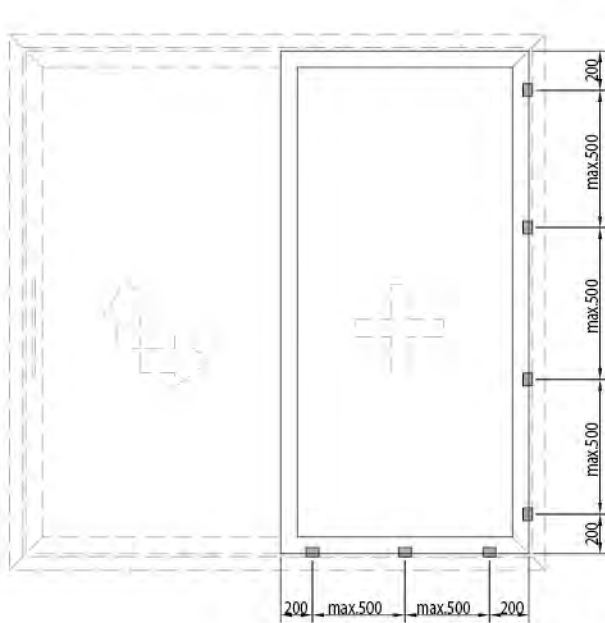
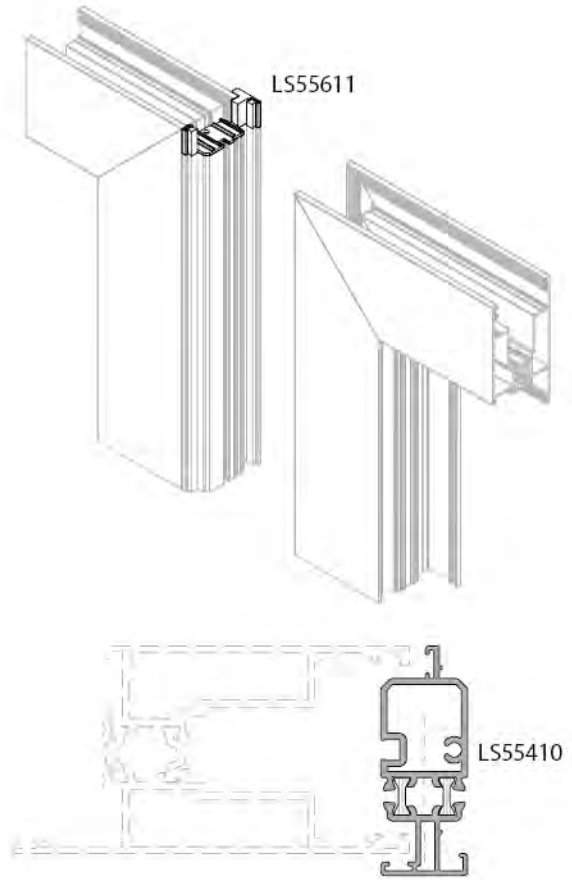
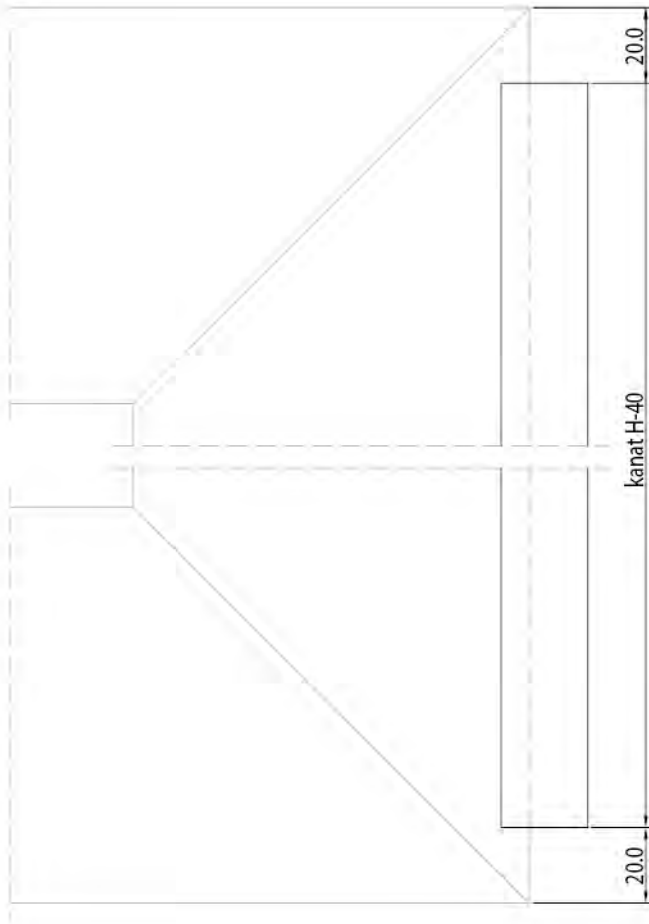
LS55412

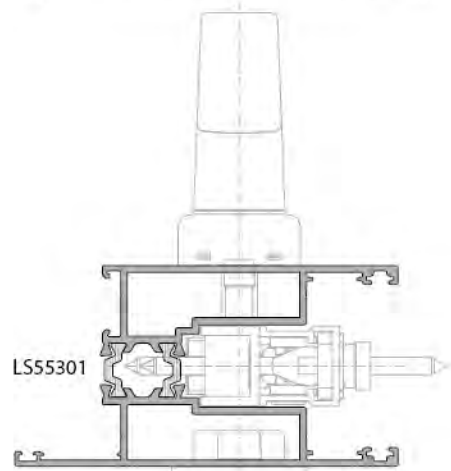
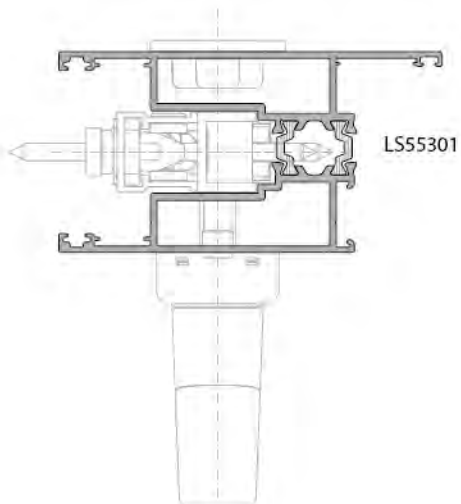
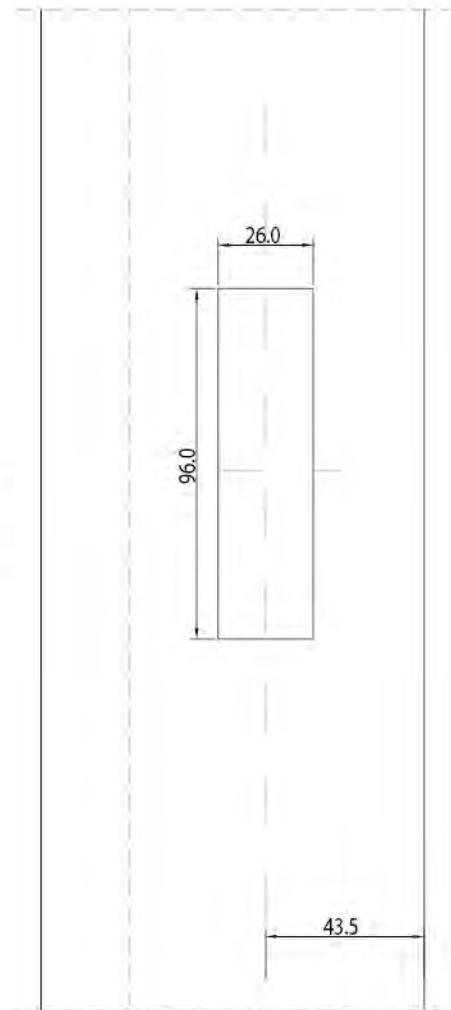
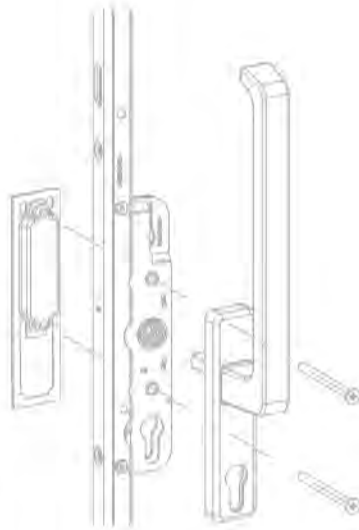
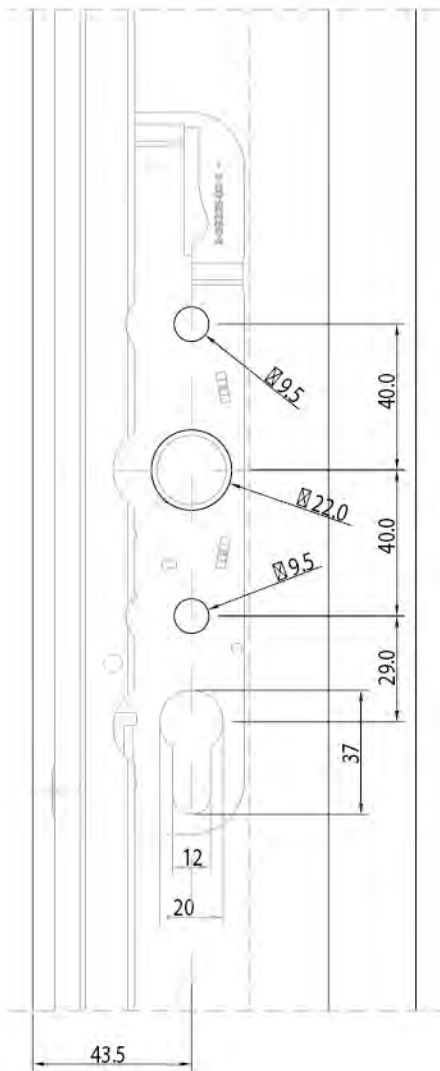




LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

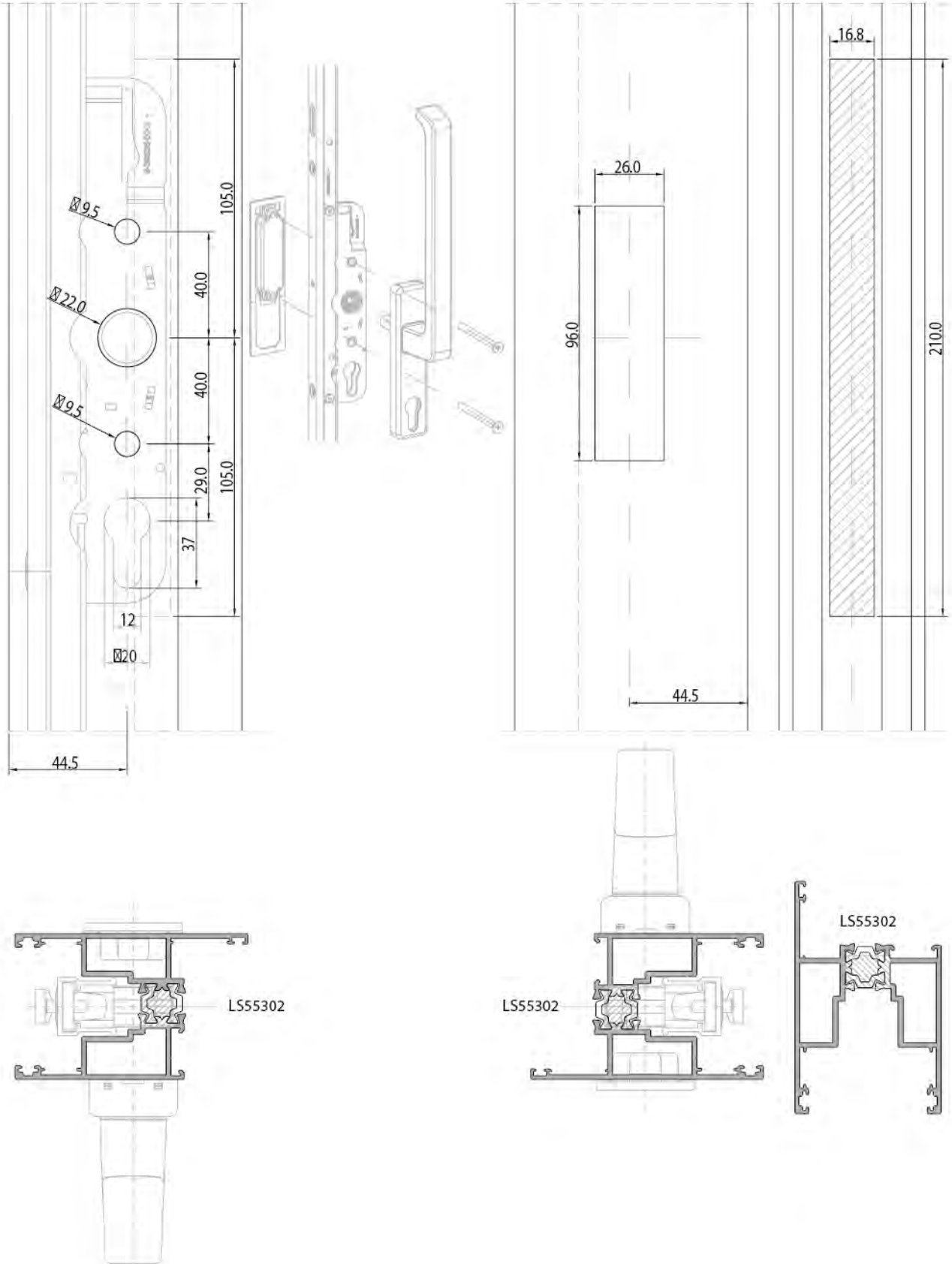
KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS

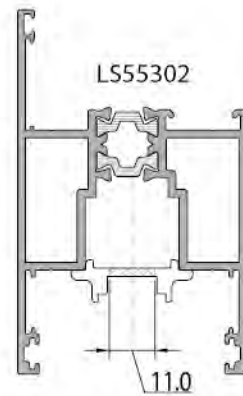
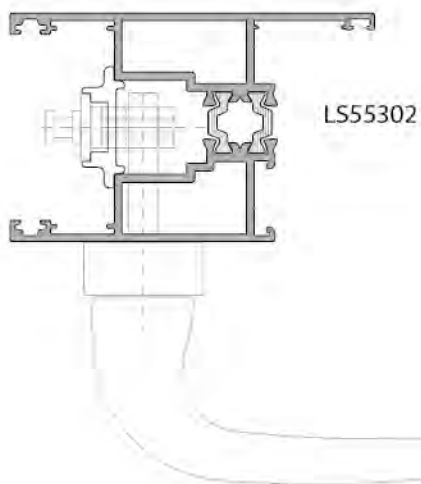
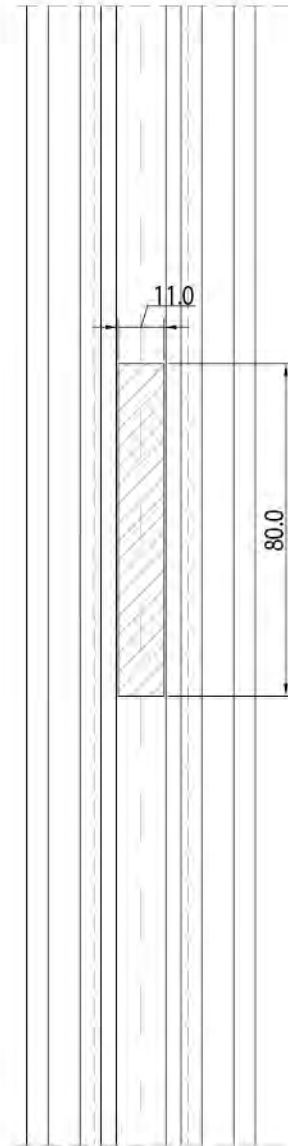
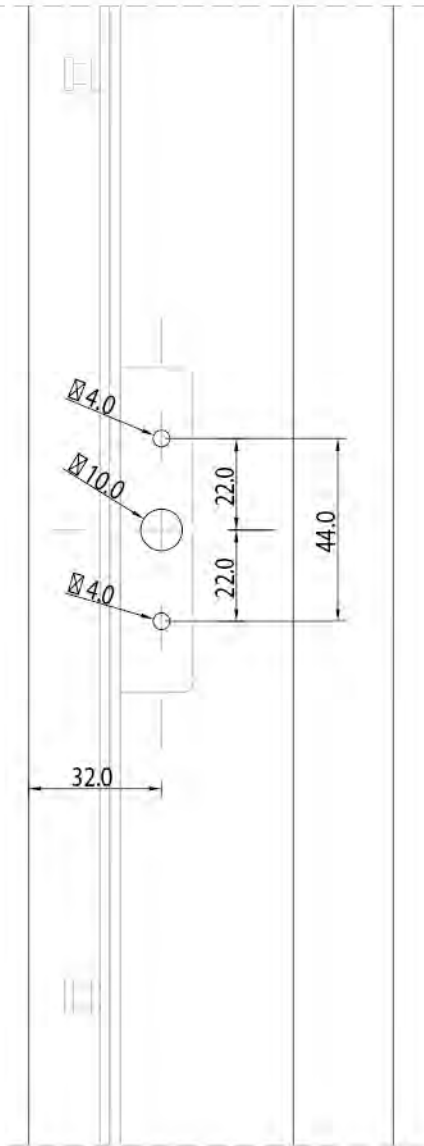




LS55 YALITIMLI KALDIR-SÜR SİSTEM / INSULATED LIFT-SLIDE SYSTEM

KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS

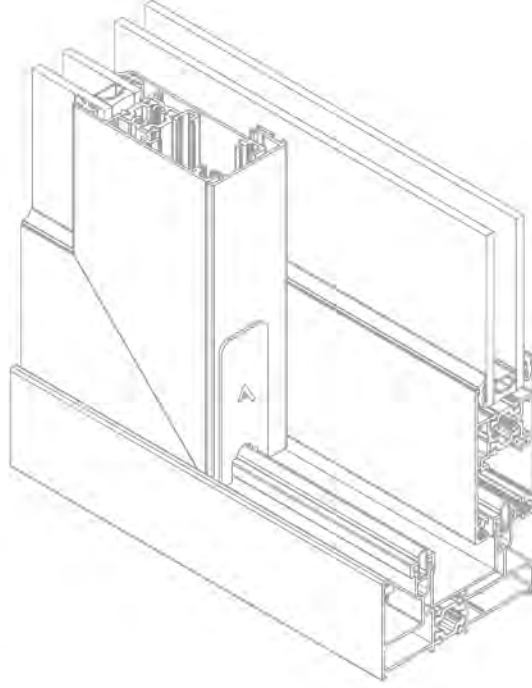




KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



S32+



YALITIMLI KLASİK SÜRME SİSTEM 100 KG SERİ (32) INSULATED CLASSICAL SLIDING SYSTEM 100 KG SERIES (32)	S32+	KASA	FRAME	100	S32+ 100 SİSTEM GRUP PR NO
		ORTA KAYIT	MULLION	200	
		KANAT	SASH	300	
		ADAPTÖR, BAĞL. PR.	ADAPTER	400	
		EPDM GRUP	EPDM GROUP	500	
		PVC GRUP	PVC GROUP	600	
		AÇILIM GRUP	OPENING GROUP	700	
		YALITIM GRUP	INSULATED GROUP	800	

PROFİL ET KALINLIĞI	PROFILE THICKNESS	1.3-1,4 mm
KASA YÜKSEKLİĞİ	FRAME HEIGHT	46 mm
KANAT YÜKSEKLİĞİ	SASH HEIGHT	32 mm
ISI BARIYERİ	THERMAL ISULATION BAR	16 mm
CAM KALINLIĞI	GLASS THICKNESS	4-34 mm

ALAŞIM ÖZELLİKLERİ
ALLOY PROPERTIES

EN AW 6060 (AlMgSi0,5 F22)
EN AW 6063 (AlMg0,7Si F22)

ÜRETİM VE MEKANİK STANDARTLAR
PRODUCTION AND MECHANICAL STANDARDS

EN 12020-2 EN 755-9 EN 755-2



Köşe takoz profili
Corner cleat profile



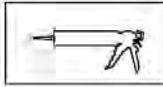
Köşe bağlantı
Corner connection



Köşe onbaşı
Corner cleat



Yatay sayfa
Page horizontal

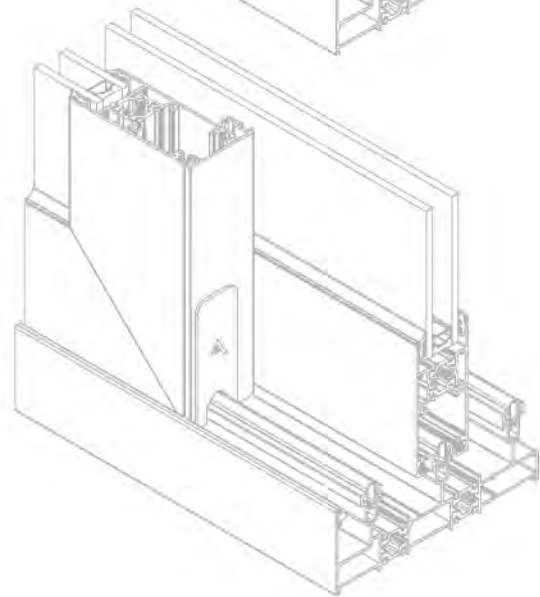
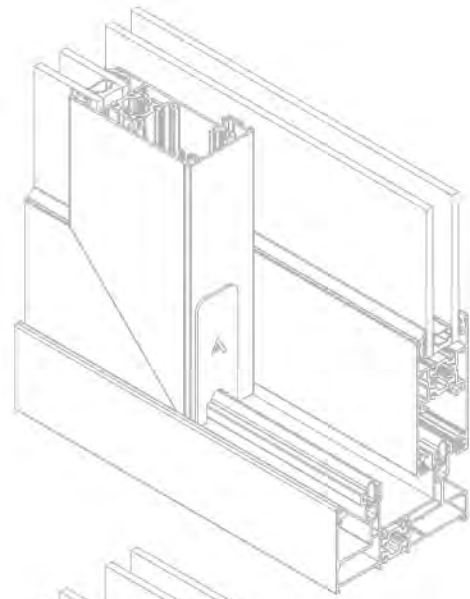
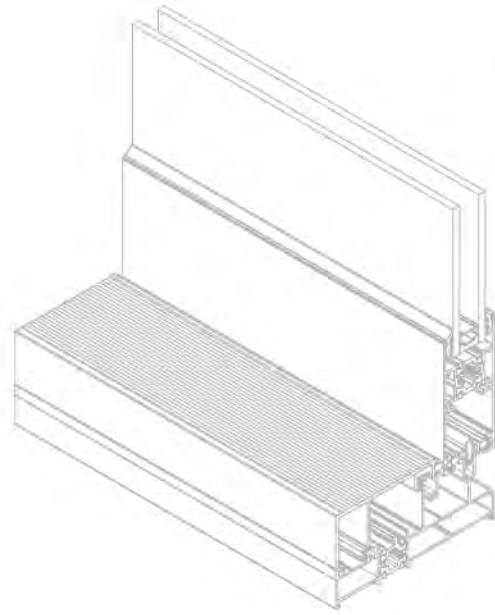


Silikon
Silicone



Dikkat
Attention

KLASİK SÜRME AÇILIM TİPLERİ CLASSICAL TYPES OF SLIDING OPENING



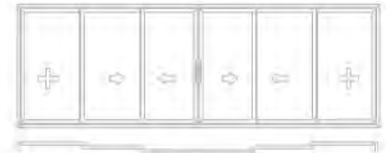
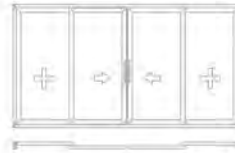
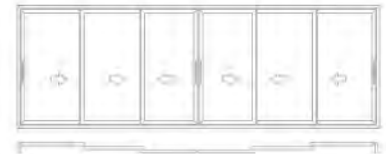
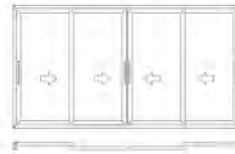
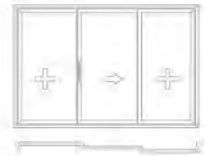
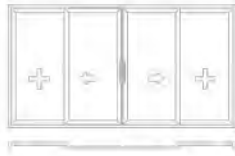
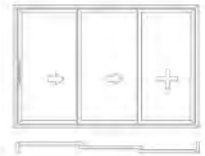
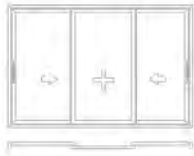
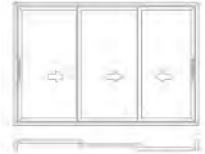
1 - ray 1 - rail

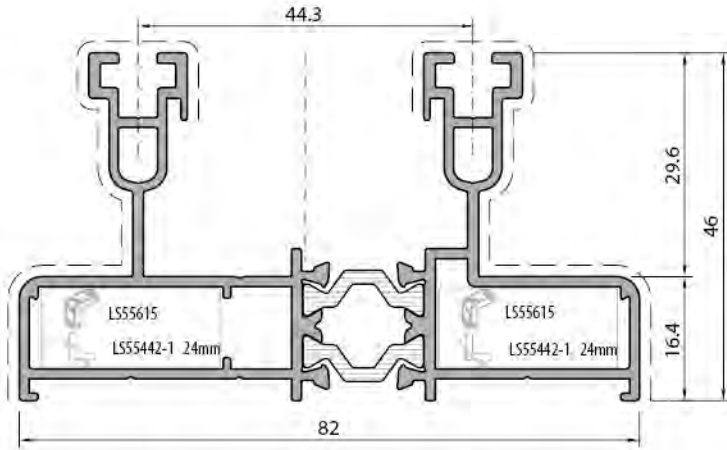


2 - ray 2 - rail



3 - ray 3 - rail





İki Raylı Profil
Two rail profile

S32+101

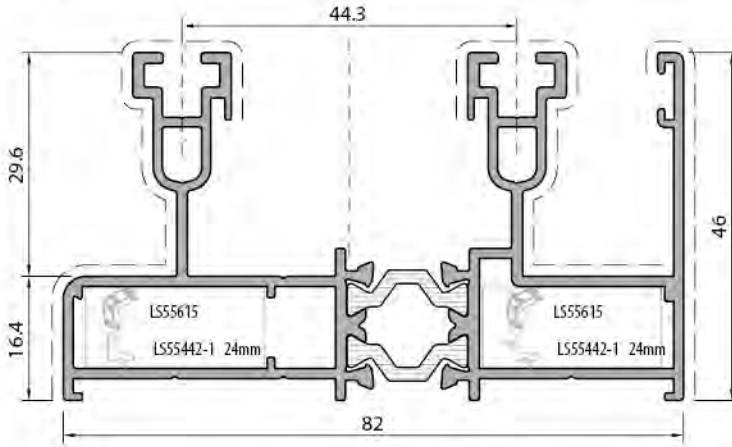
Weight : 1,419 kg/m

Ix : 27,05 cm⁴

Iy : 9,46 cm⁴

Wx : 6,47 cm³

Wy : 3,50 cm³



İki Raylı Profil
Two rail profile

S32+102

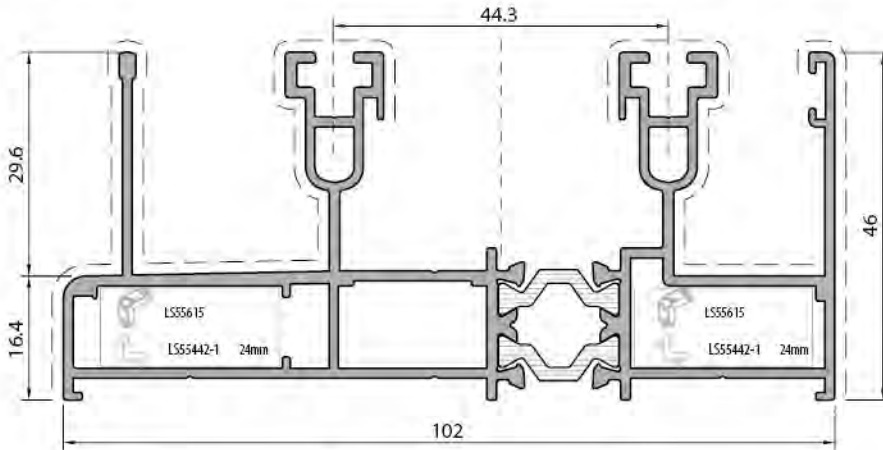
Weight : 1,547 kg/m

Ix : 34,32 cm⁴

Iy : 10,57 cm⁴

Wx : 7,85 cm³

Wy : 4,09 cm³



İki Raylı Sineklik Profil
Two rail fly screen profile

S32+110

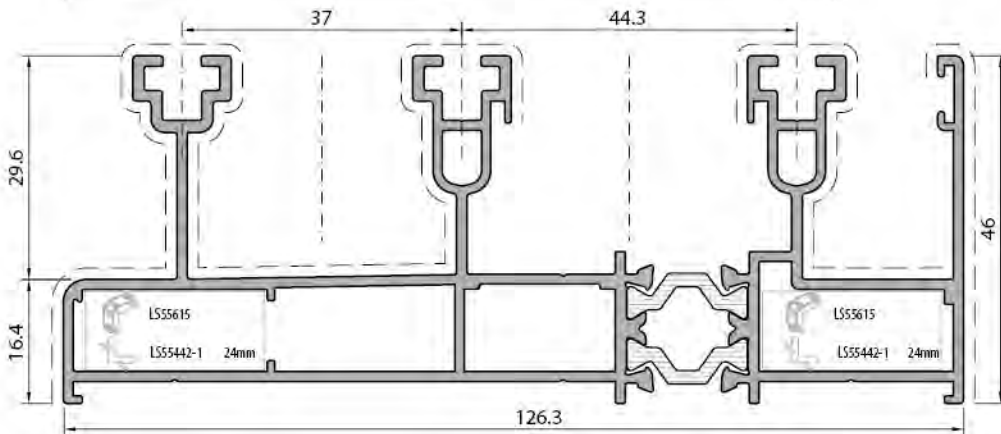
Weight : 1,853 kg/m

Ix : 63,68 cm⁴

Iy : 12,32 cm⁴

Wx : 2,43 cm³

Wy : 0,23 cm³



İki Raylı Sineklik Profil
Two rail fly screen profile

S32+103

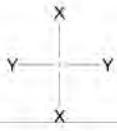
Weight : 2,060 kg/m

Ix : 95,96 cm⁴

Iy : 14,58 cm⁴

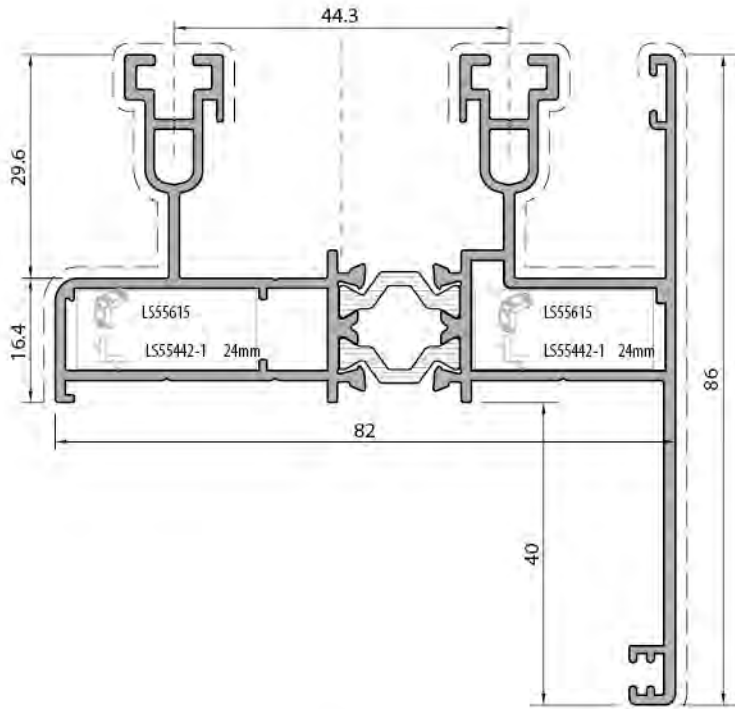
Wx : 15,04 cm³

Wy : 05,66 cm³

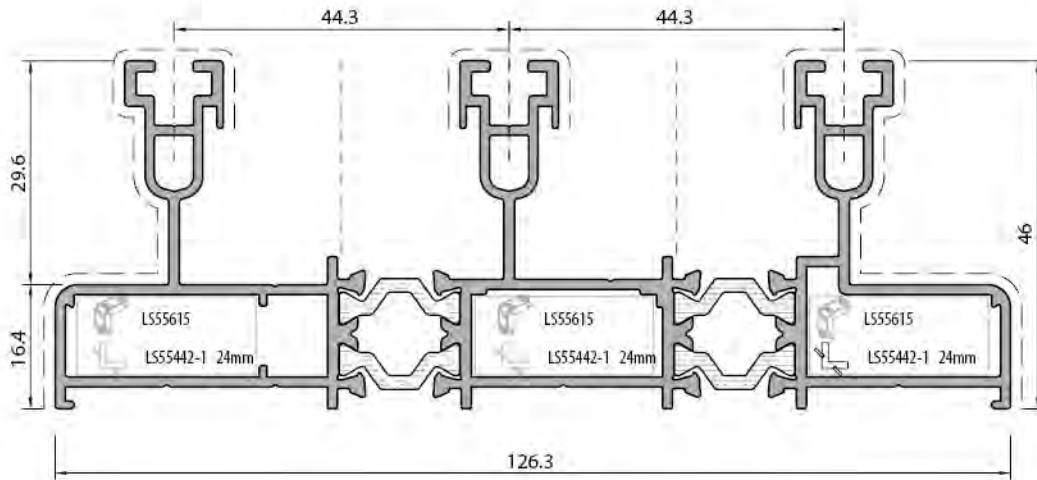


S32+ YALITIMLI KLASİK SÜRME SİSTEM / INSULATED CLASSICAL SLIDE SYSTEM

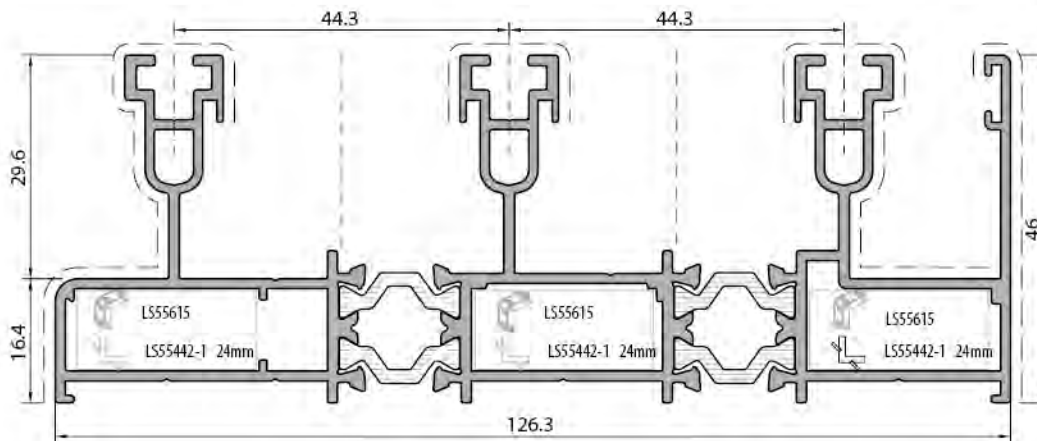
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



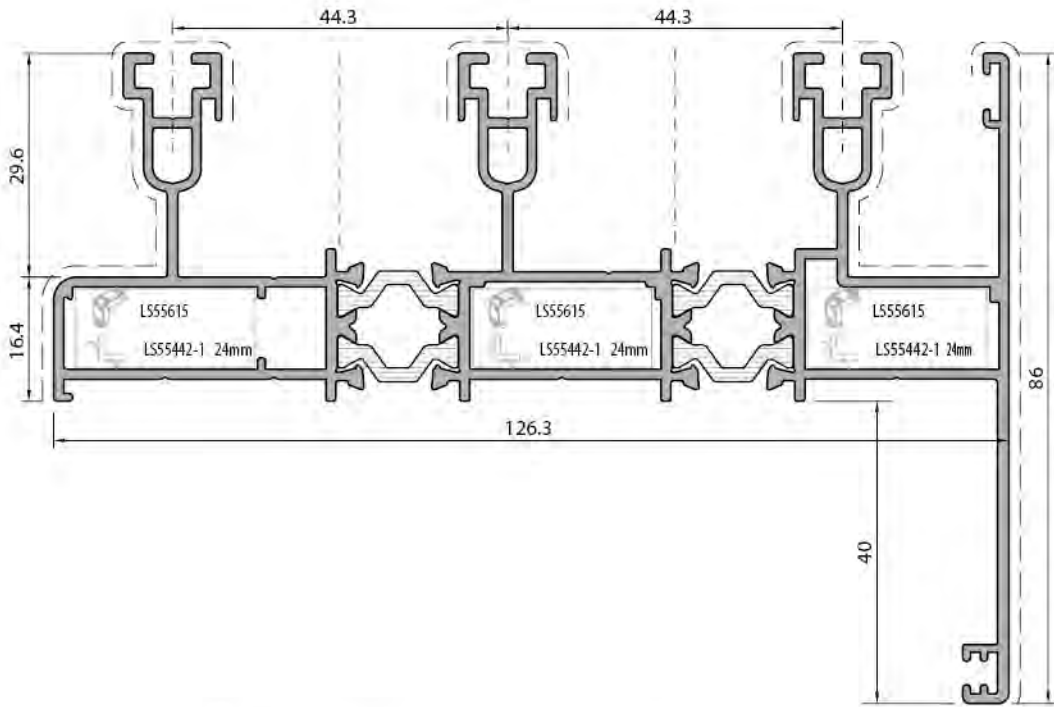
İki Raylı Profil Two rail profile
S32+104
Weight : 1,747 kg/m
Ix : 42,28 cm ⁴
Iy : 20,35 cm ⁴
Wx : 8,74 cm ³
Wy : 6,53 cm ³



Üç Raylı Profil Three rail profile
S32+105
Weight : 2,231 kg/m
Ix : 100,16 cm ⁴
Iy : 14,39 cm ⁴
Wx : 15,71 cm ³
Wy : 5,32 cm ³



Üç Raylı Profil Three rail profile
S32+106
Weight : 2,537 kg/m
Ix : 117,61 cm ⁴
Iy : 15,51 cm ⁴
Wx : 17,73 cm ³
Wy : 5,90 cm ³



Üç Raylı Profil
Three rail profile

S32+107

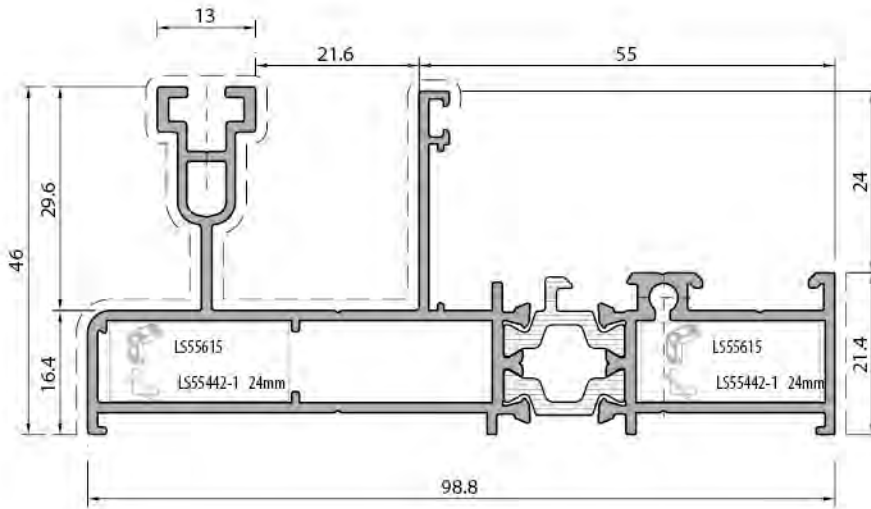
Weight : 2,556 kg/m

Ix : 142,74 cm⁴

Iy : 27,12 cm⁴

Wx : 20,00 cm³

Wy : 9,05 cm³



Tek Raylı Profil-Sabit
Mono rail profile-fixed

S32+108

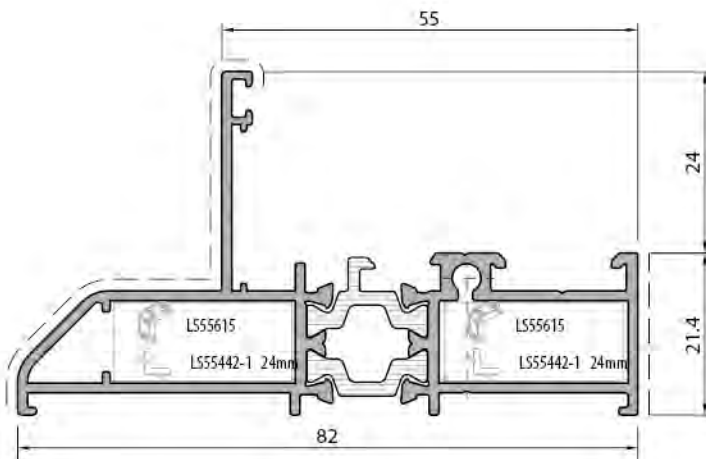
Weight : 1,504 kg/m

Ix : 45,17 cm⁴

Iy : 7,10 cm⁴

Wx : 8,62 cm³

Wy : 2,41 cm³



Pencere Geçiş Profili
Window adapter profile

S32+109

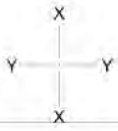
Weight : 1,130 kg/m

Ix : 21,10 cm⁴

Iy : 3,61 cm⁴

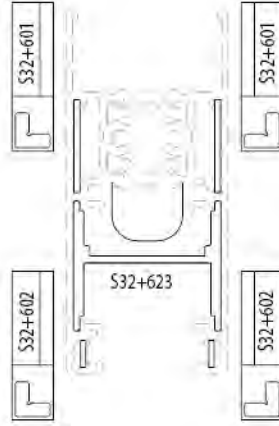
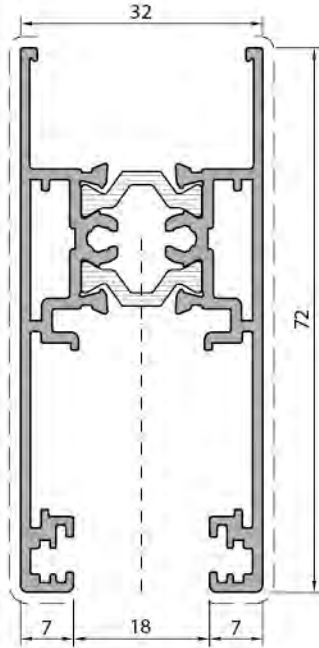
Wx : 4,92 cm³

Wy : 1,11 cm³

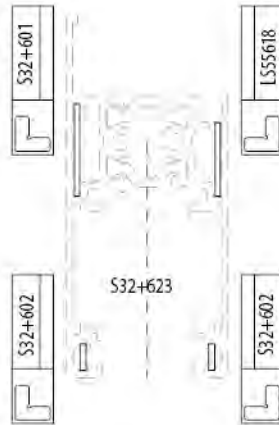
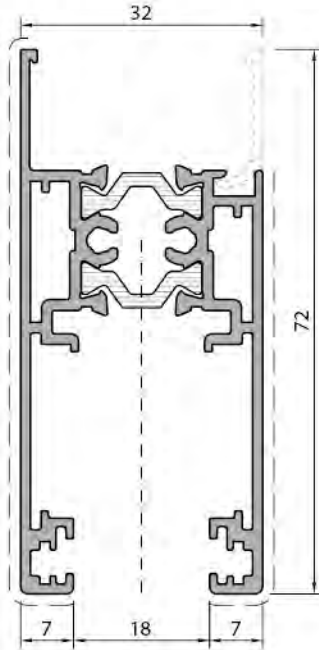


S32+ YALITIMLI KLASİK SÜRME SİSTEM / INSULATED CLASSICAL SLIDE SYSTEM

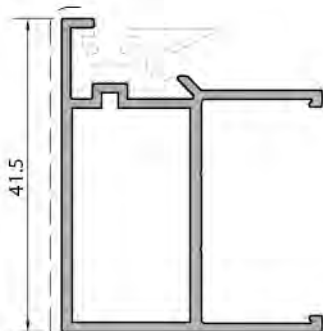
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



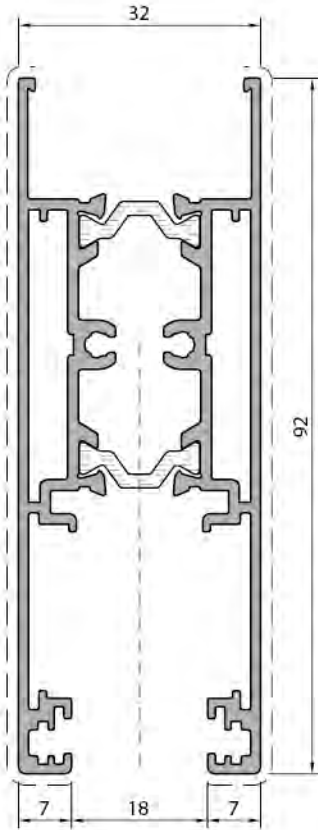
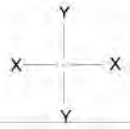
Kanat Profil Sash profile
S32+301
Weight : 1,231 kg/m
Ix : 6,57 cm ⁴
Iy : 15,59 cm ⁴
Wx : 4,10 cm ³
Wy : 4,32 cm ³



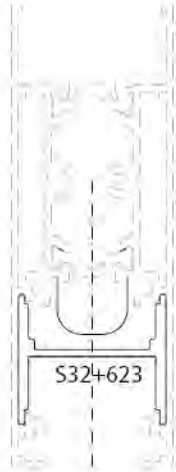
Kanat Profil Sash profile
S32+302
Weight : 1,175 kg/m
Ix : 6,04 cm ⁴
Iy : 5,79 cm ⁴
Wx : 3,59 cm ³
Wy : 1,53 cm ³



Kanat Profil Sash profile
S32+303
Weight : 0,531 kg/m
Ix : 3,58 cm ⁴
Iy : 1,97 cm ⁴
Wx : 1,53 cm ³
Wy : 0,90 cm ³



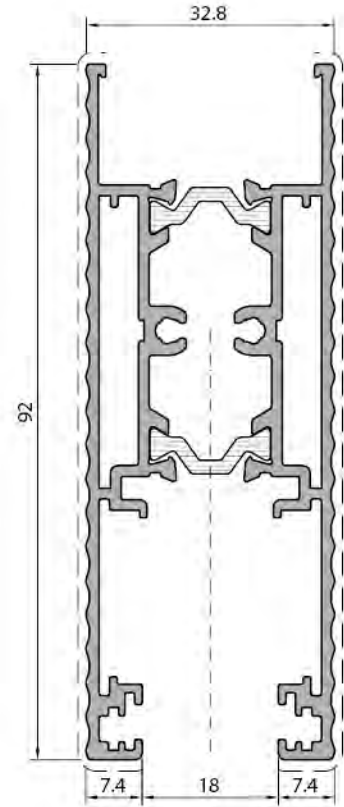
Baza Kanat Profil Bottom sash profile	
S32+304	
Weight :	1,586 kg/m
Ix :	8,35 cm ⁴
Iy :	32,65 cm ⁴
Wx :	5,21 cm ³
Wy :	7,07 cm ³



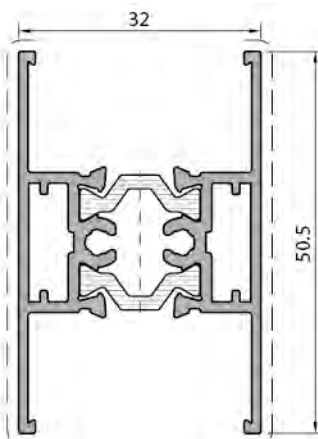
S32+620



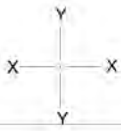
S32+623



Baza Kanat Profil Bottom sash profile	
S32+305	
Weight :	1,671 kg/m
Ix :	9,16 cm ⁴
Iy :	35,00 cm ⁴
Wx :	5,56 cm ³
Wy :	7,58 cm ³

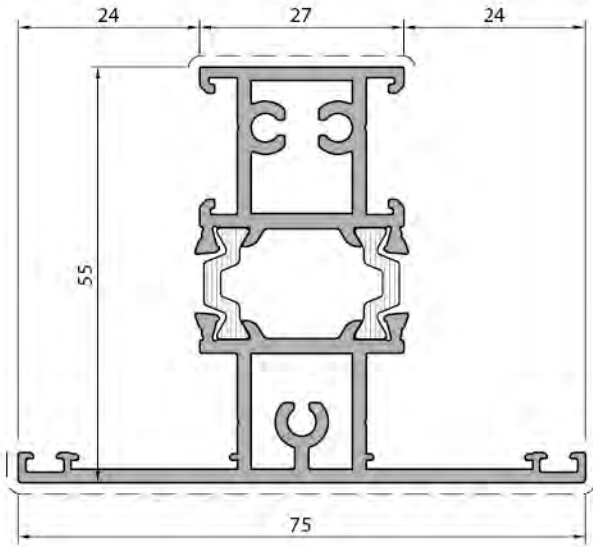


Kanat Orta Kayıt Profili Sash mullion profile	
S32+306	
Weight :	0,881 kg/m
Ix :	4,24 cm ⁴
Iy :	3,57 cm ⁴
Wx :	2,65 cm ³
Wy :	1,41 cm ³

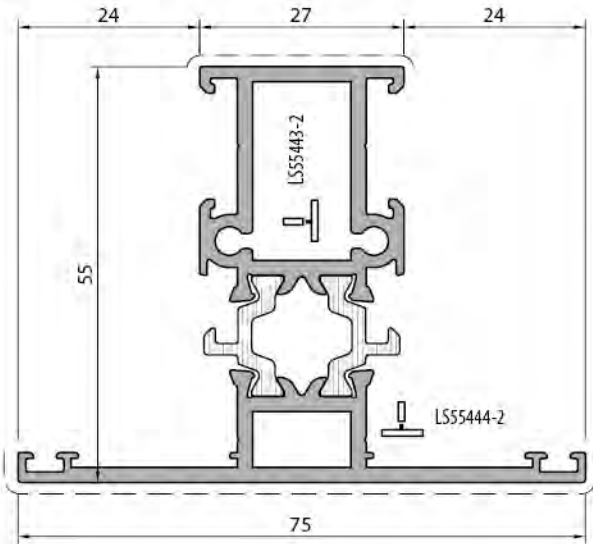
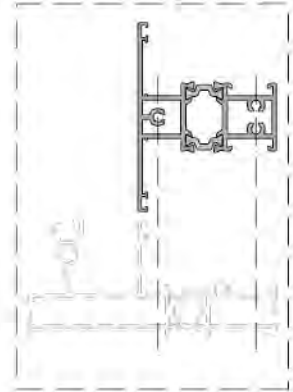


S32+ YALITIMLI KLASİK SÜRME SİSTEM / INSULATED CLASSICAL SLIDE SYSTEM

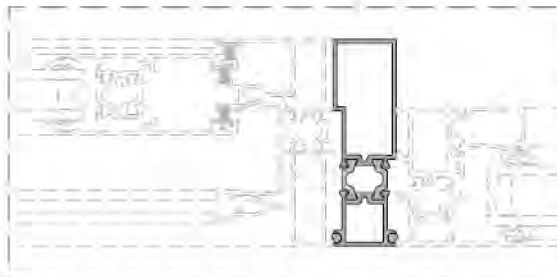
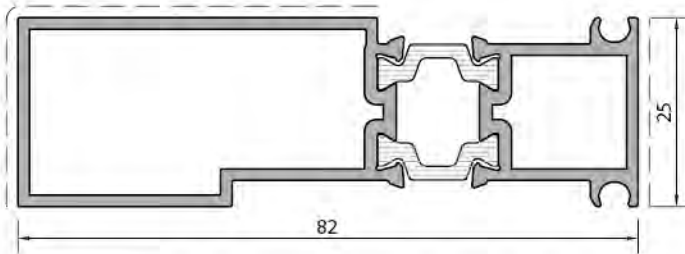
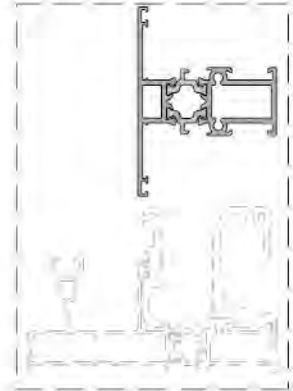
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



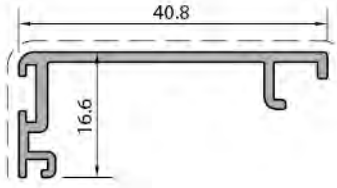
Orta Kayıt Profili Mullion profile	
LS55201	
Weight	: 1,541 kg/m
I _x	: 19,72 cm ⁴
I _y	: 9,65 cm ⁴
W _x	: 6,11 cm ³
W _y	: 2,57 cm ³



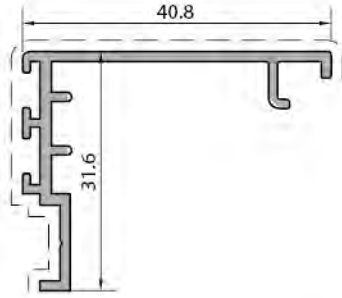
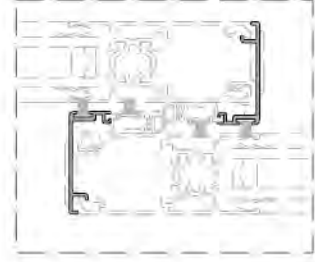
Orta Kayıt Profili Mullion profile	
LS55202	
Weight	: 1,341 kg/m
I _x	: 18,52 cm ⁴
I _y	: 9,84 cm ⁴
W _x	: 5,60 cm ³
W _y	: 2,62 cm ³



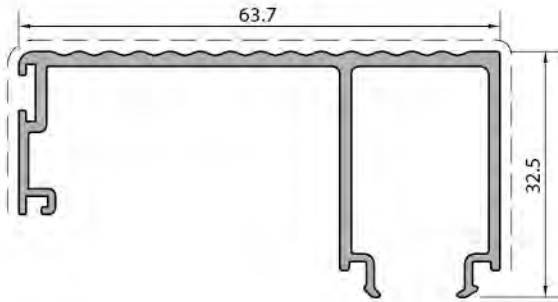
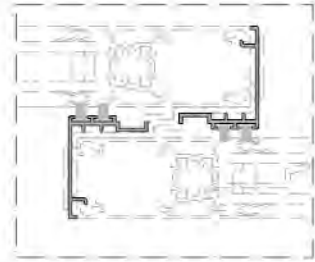
Birleşim Profili Connection profile	
W55+.15.413	
Weight : 1,164 kg/m	
I _x : 27,20 cm ⁴	W _x : 6,18 cm ³
I _y : 2,94 cm ⁴	W _y : 2,30 cm ³



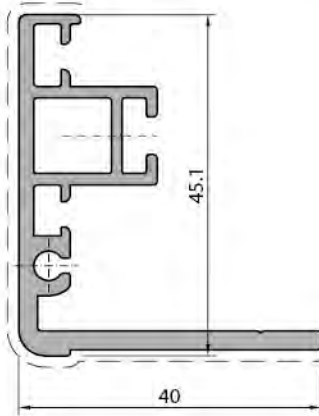
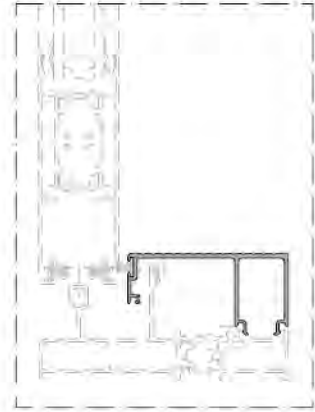
Kenet Profili <i>Clamp profile</i>
S32+401
Weight : 0,265 kg/m



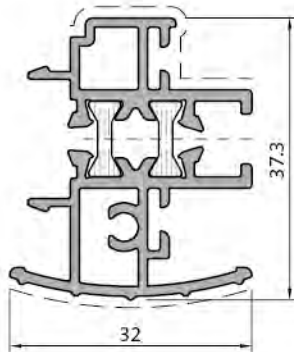
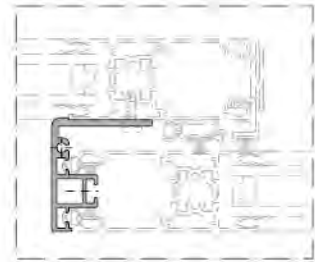
Kenet Profili <i>Clamp profile</i>
S32+409
Weight : 0,358 kg/m



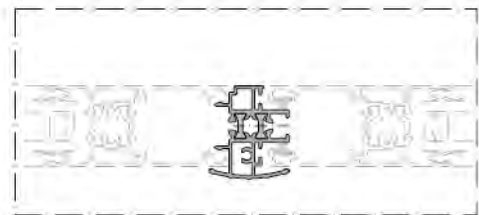
Kenet Profili <i>Clamp profile</i>
S32+402
Weight : 0,669 kg/m

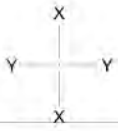


Sabit Kanat Kenet Profili <i>Fixed sash clamp profile</i>
S32+403
Weight : 0,805 kg/m



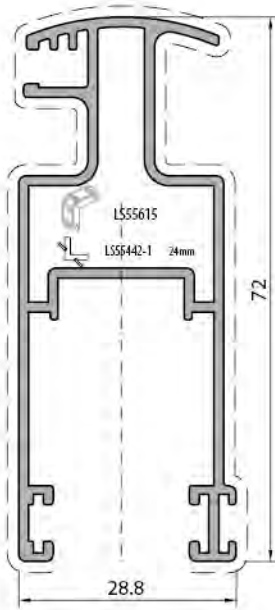
Kanat Adaptörü <i>Sash adapter profile</i>
S32+404
Weight : 0,804 kg/m



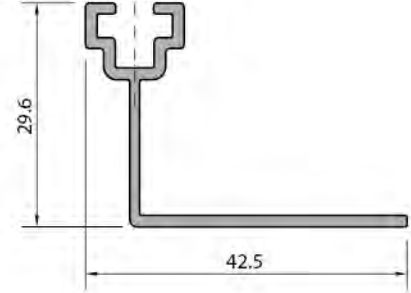
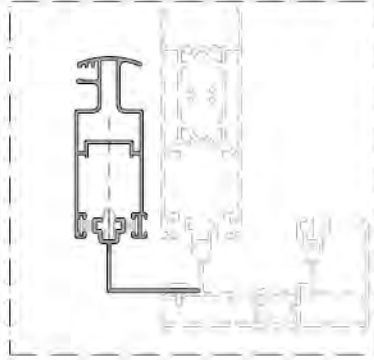


S32+ YALITIMLI KLASİK SÜRME SİSTEM / INSULATED CLASSICAL SLIDE SYSTEM

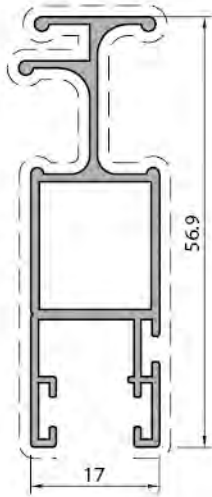
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



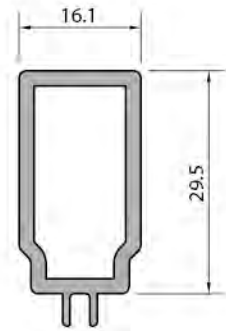
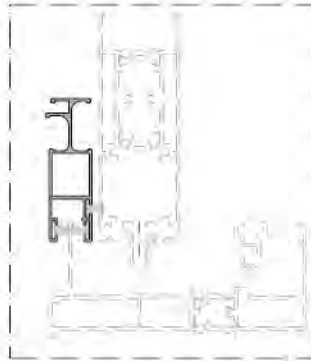
Sineklik Profili Flyscreen profile
LS55401
Weight : 0,894 kg/m



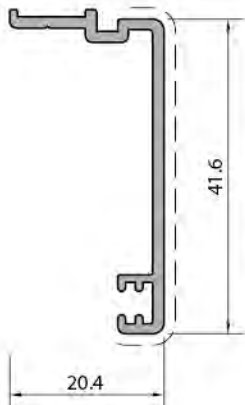
Sineklik Ray Profili Flyscreen rail profile
S32+407
Weight : 0,350 kg/m



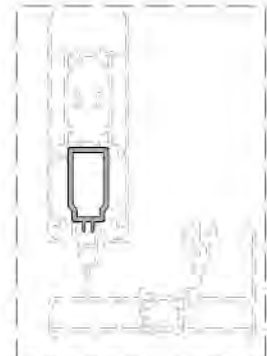
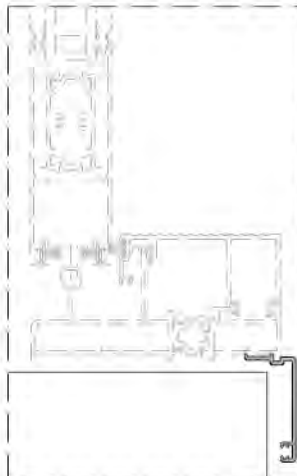
Sineklik Ray Profili Flyscreen rail profile
S32+408
Weight : 0,513 kg/m

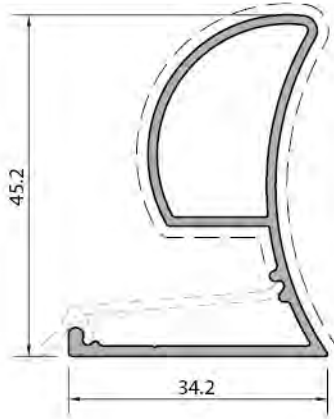


Kanat Sabitleme Profili Sash fixing profile
S32+406
Weight : 0,459 kg/m
S32+406-1 100 mm

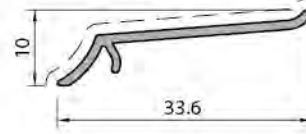


Pervaz Profili Additional profile
S32+405
Weight : 0,300 kg/m

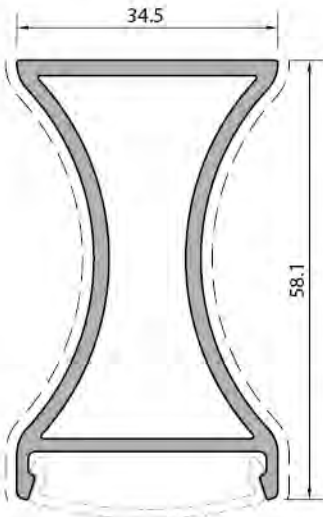
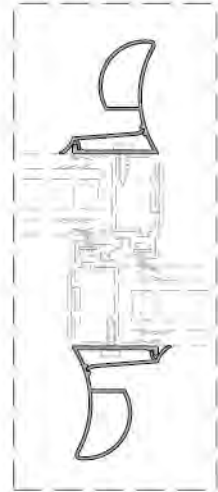




Kanat Takviye Profili Sash reinforcement profile		
LS55420		
Weight	: 0,469	kg/m
I _x	: 4,37	cm ⁴
I _y	: 1,27	cm ⁴
W _x	: 2,32	cm ³
W _y	: 0,61	cm ³

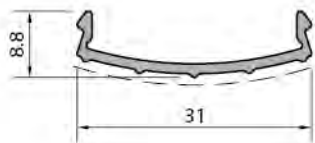
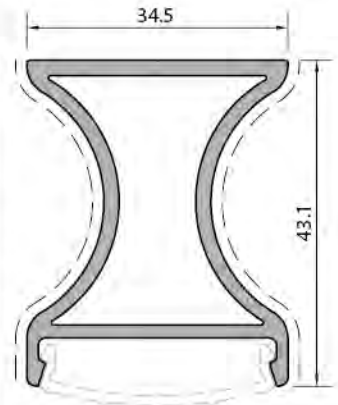


Kapak Profili Cover profile		
LS55421		
Weight	: 0,129	kg/m

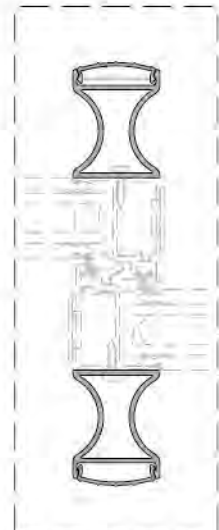


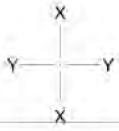
Kanat Takviye Profili Sash reinforcement profile		
LS55422		
Weight	: 0,975	kg/m
I _x	: 14,11	cm ⁴
I _y	: 3,91	cm ⁴
W _x	: 4,22	cm ³
W _y	: 2,27	cm ³

Kanat Takviye Profili Sash reinforcement profile		
LS55423		
Weight	: 0,821	kg/m
I _x	: 6,45	cm ⁴
I _y	: 3,39	cm ⁴
W _x	: 2,71	cm ³
W _y	: 1,20	cm ³



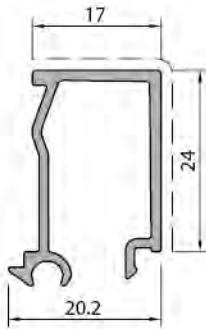
Kapak Profili Cover profile		
LS55424		
Weight	: 0,148	kg/m





S32+ YALITIMLI KLASİK SÜRME SİSTEM / INSULATED CLASSICAL SLIDE SYSTEM

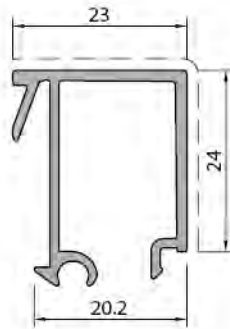
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Cam Çıtası Profili
Glazing bead profile

LS55432

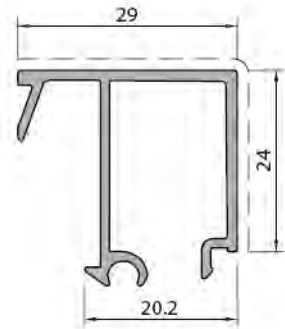
Weight : 0,294 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55433

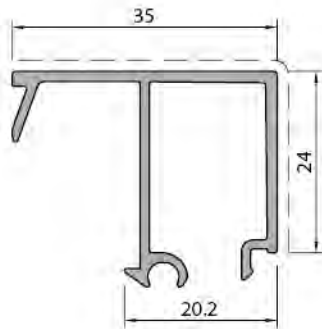
Weight : 0,341 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55434

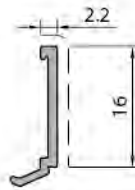
Weight : 0,363 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55435

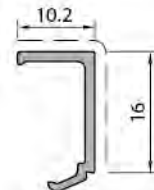
Weight : 0,385 kg/m



Cam Çıtası Profili
Glazing bead profile

S32+411

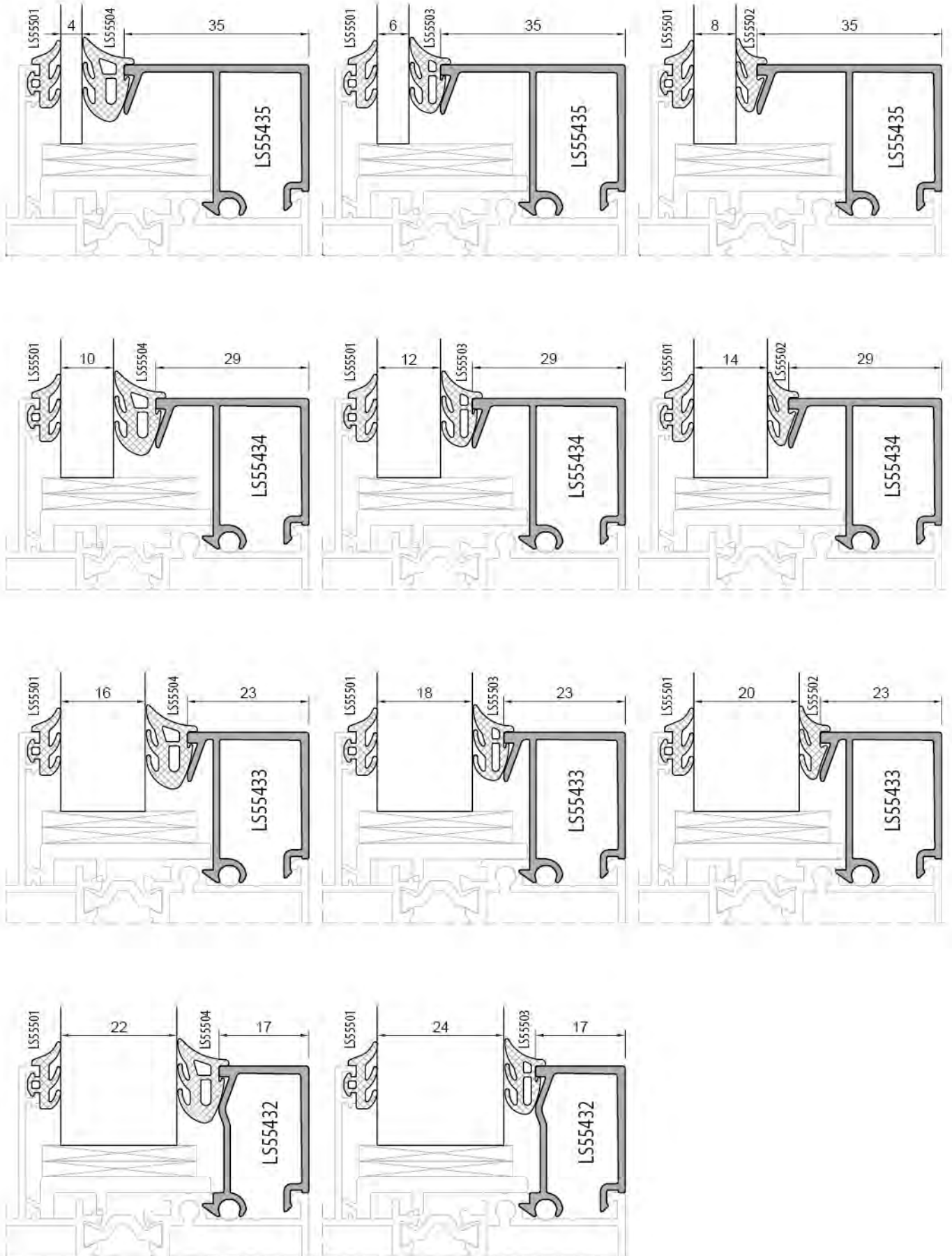
Weight : 0,074 kg/m

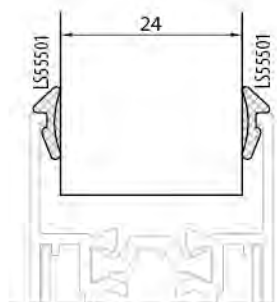
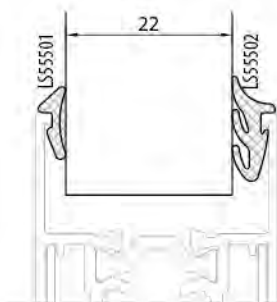
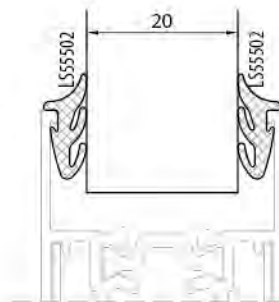
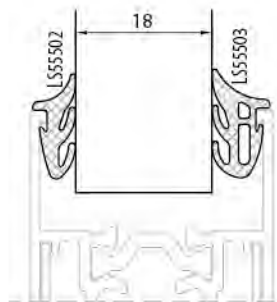
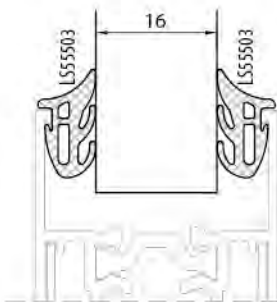
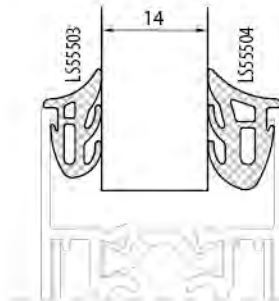
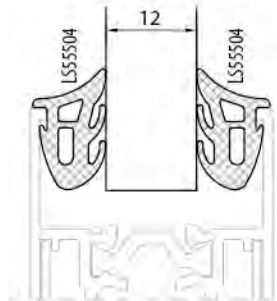
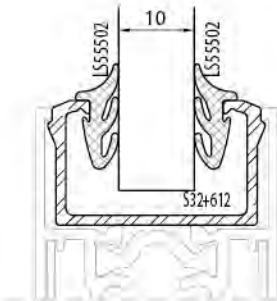
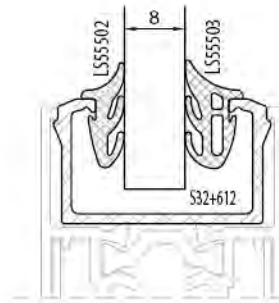
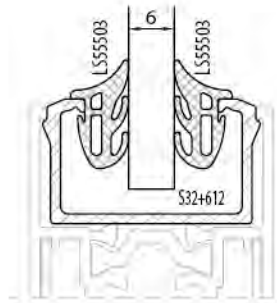
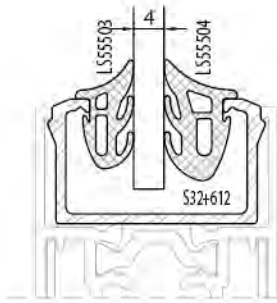


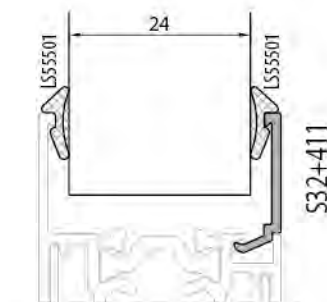
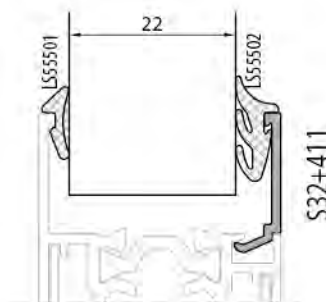
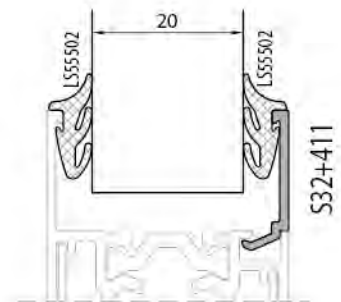
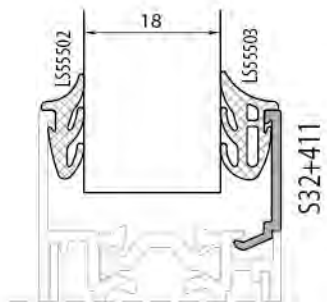
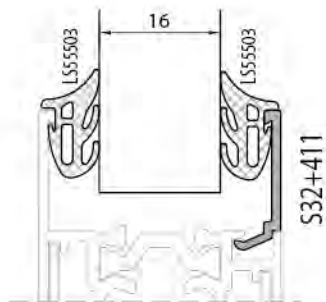
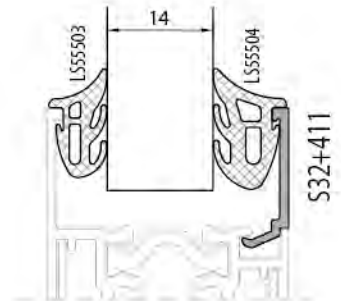
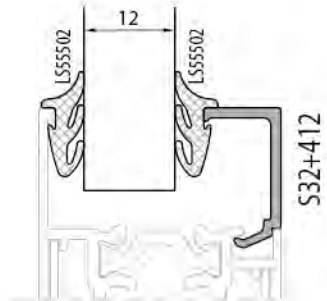
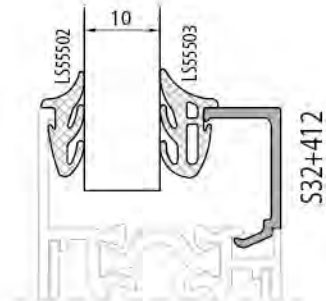
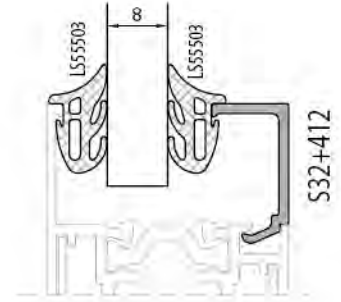
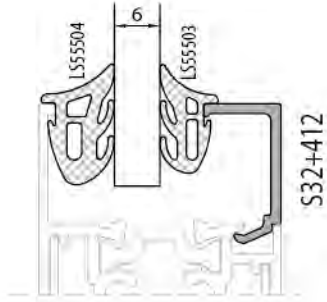
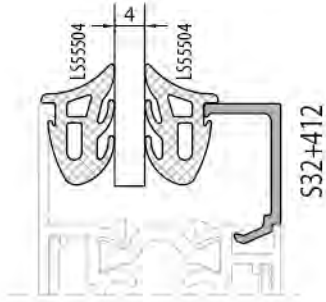
Cam Çıtası Profili
Glazing bead profile

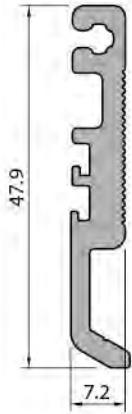
S32+412

Weight : 0,106 kg/m



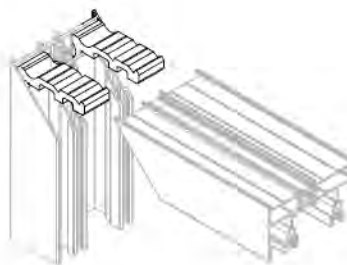
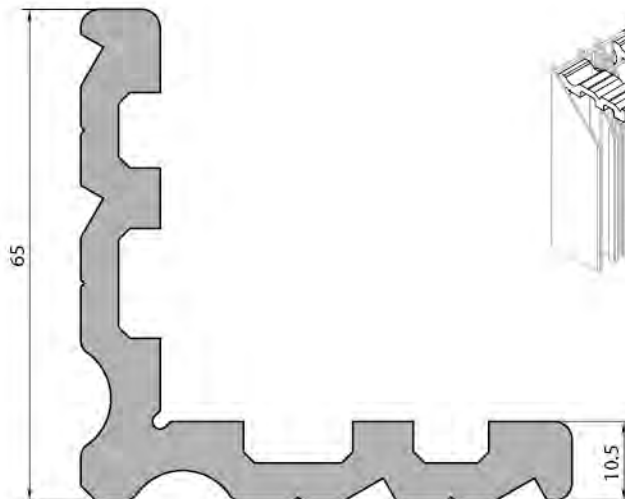
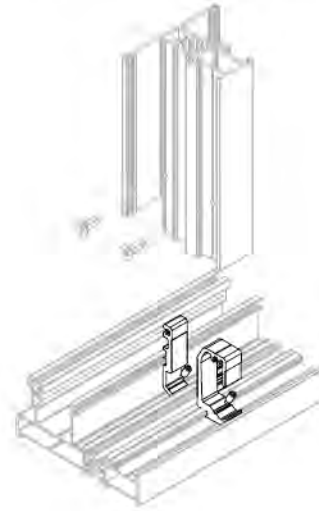
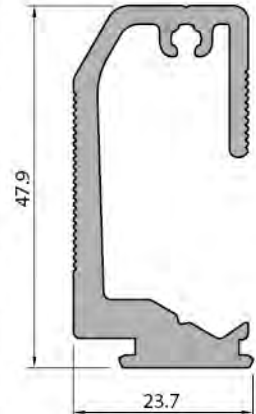




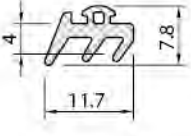
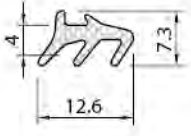
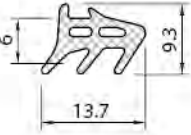
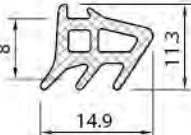
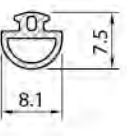
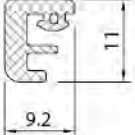
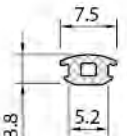


Orta Kayıt Bağlantı <i>Mullion connection</i>
LS55443
Weight : 0,975 kg/m
LS55443-1 10.5 mm
LS55443-2 12,5 mm
LS55443-3 22,5 mm
LS55443-4 42.5 mm

Orta Kayıt Bağlantı <i>Mullion connection</i>
LS55444
Weight : 0,974 kg/m
LS55444-1 10.5 mm
LS55444-2 12,5 mm
LS55444-3 22,5 mm
LS55444-4 42.5 mm

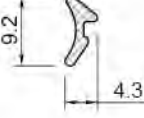
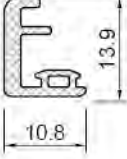


Kasa Köşe Takoz Profili <i>Frame corner cleat profile</i>
LS55442
Weight : 2,345 kg/m
LS55442-1 24 mm

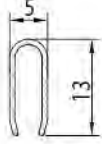
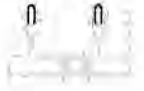
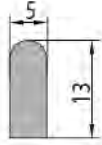
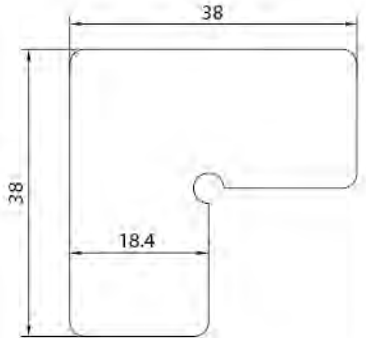
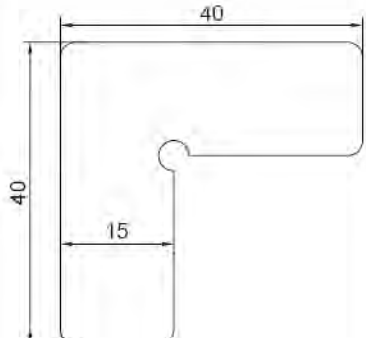
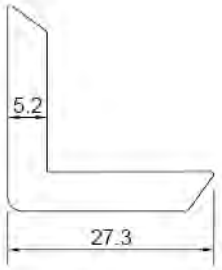
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55501		epdm cam dış fitil glazing gasket outside	55 gr/m	12 kg	220 m	
LS55502		epdm cam iç fitil glazing gasket inside	52 gr/m	12 kg	300 m	
LS55503		epdm cam iç fitil glazing gasket inside	80 gr/m	12 kg	230 m	
LS55504		epdm cam iç fitil glazing gasket inside	92 gr/m	12 kg	130 m	
LS55506		epdm fitil epdm gasket	32 gr/m	12 kg	370 m	
LS55508		epdm fitil epdm gasket	83 gr/m	12 kg	145 m	
LS55510		epdm fitil epdm gasket	27 gr/m	12 kg	440 m	

S32+ YALITIMLI KLASİK SÜRME SİSTEM / INSULATED CLASSICAL SLIDE SYSTEM

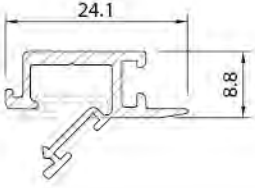
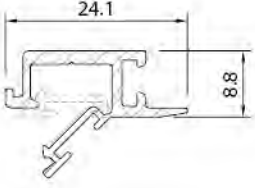
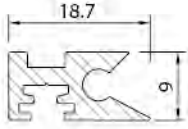
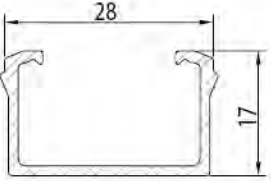
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
S32+501		epdm fitil epmd gasket	22 gr/m	12 kg	545 m	
S32+502		epdm fitil epmd gasket	69 gr/m	10 kg	145 m	
W55.511		epdm fitil epmd gasket	18 gr/m	10 kg	555 m	
LS55520		perdeli fırça fitil rabbet brush gasket	-	-	450 m/pk	
LS55521		perdeli fırça fitil rabbet brush gasket	-	-	250 m/pk	
LS55615		kasa köşe bağlantı frame corner connection	-	-	150 m/pk	

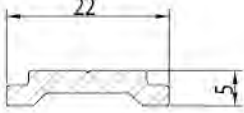
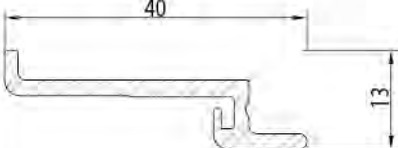
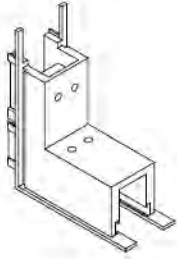
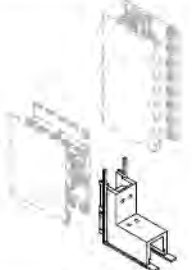
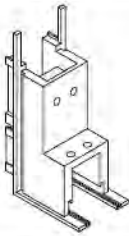
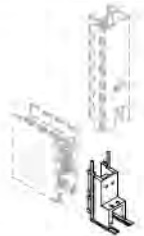
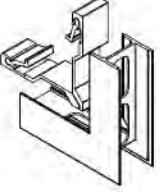
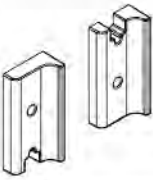
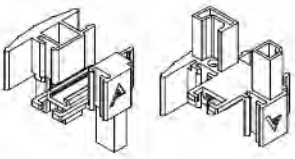
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-8 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-8, moment values are calculated according to EN 14024.

Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55616		paslanmaz çelik ray profili stainless steel rail profile	6,5 m 10 pcs/pk	
LS55620		alüminyum ray profili aluminium rail profile	6,0 m 1 kg	
S32+601		köşe onbaşı corner cleat for sash	200 pcs/pk	
LS55618		köşe onbaşı corner cleat for sash	200 pcs/pk	
S32+602		köşe onbaşı corner cleat for sash	200 pcs/pk	

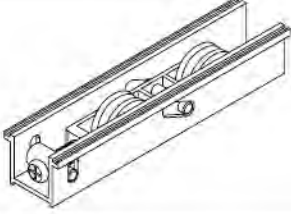
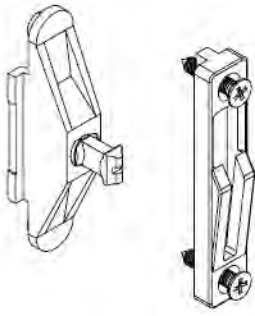
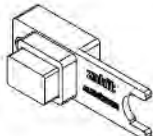
S32+ YALITIMLI KLASİK SÜRME SİSTEM / INSULATED CLASSICAL SLIDE SYSTEM**ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES**

Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
S32+610		kanal pvc profili channel pvc profile	3,0 m 20 pcs/pk	
LS55602		kenet pvc profil clamp pvc profile	3,0 m 20 pcs/pk	
LS55602-1		kenet pvc profil (boyalı profil için) clamp pvc profile (for painted profile)	3,0 m 20 pcs/pk	
S32+611		kenet pvc profil clamp pvc profile	3,0 m 20 pcs/pk	
S32+612		pvc cam fitil adaptörü gasket glazing pvc adapter	3,0 m 20 pcs/pk	
LS55603		pvc cam destek takoz pvc glazing support cleat	3,0 m 20 pcs/pk	

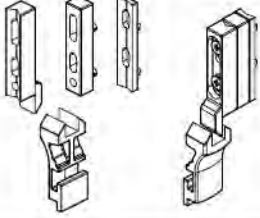
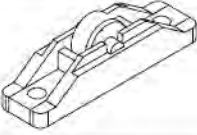
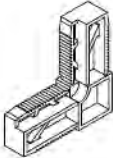
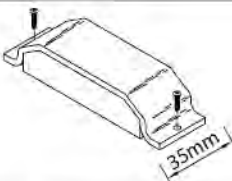
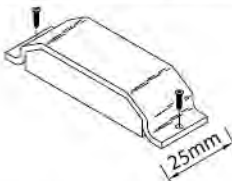
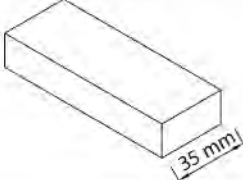
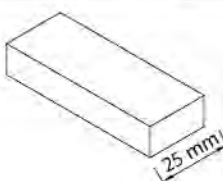
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
S32+613		pvc tij profili pvc opening adapter profile	3,0 m 20 pcs/pk	
S32+614		kenet pvc profil clamp pvc profile	3,0 m 20 pcs/pk	
S32+620		pvc kanat köşe birleşim pvc sash corner join	24 pcs/pk	
S32+621		pvc kanat köşe birleşim pvc sash corner join	24 pcs/pk	
S32+623		pvc kanat köşe birleşim pvc sash corner join	24 pcs/pk	
S32+624		kenet kapak clamp cover	100 pcs/pk	
S32+625		çift kanat birleşim adaptörü double sash connecting adapter	24 pcs/pk	

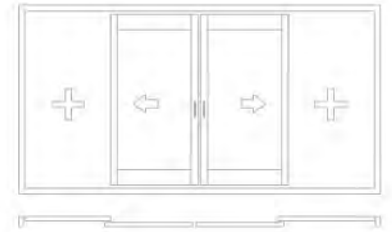
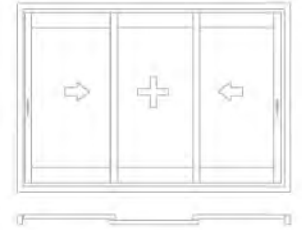
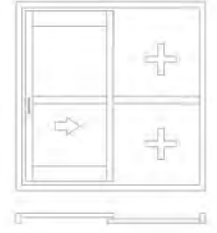
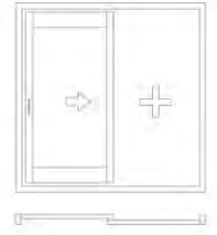
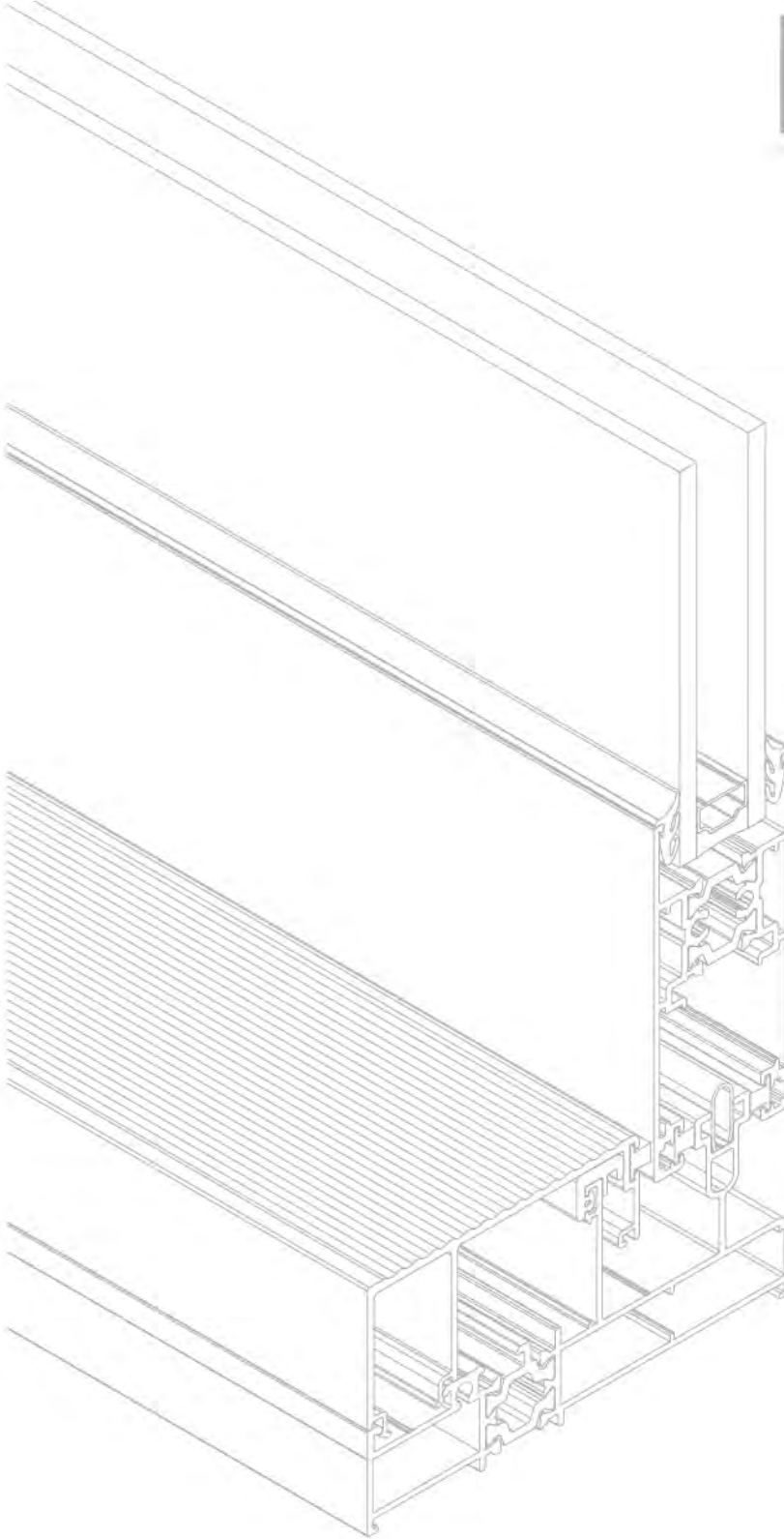
S32+ YALITIMLI KLASİK SÜRME SİSTEM / INSULATED CLASSICAL SLIDE SYSTEM**ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES**

Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
S32+701		klasik sürme rulman classical sliding roller	50 pcs/pk	
S32+702		kilitleme takımı (çok noktadan) multipoint locking set	50 pcs/pk	
S32+703		kilitleme kolu multipoint locking handle	25 pcs/pk	
S32+704		pim locking pawl	100 pcs/pk	
S32+705		çarpma takozu damper plugs	100 pcs/pk	
S32+706		havuz kol recessed handle	20 pcs/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. (Profil) imalatları TS EN 12020-02 ve TS EN 755-8 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-8, moment values are calculated according to EN 14024.

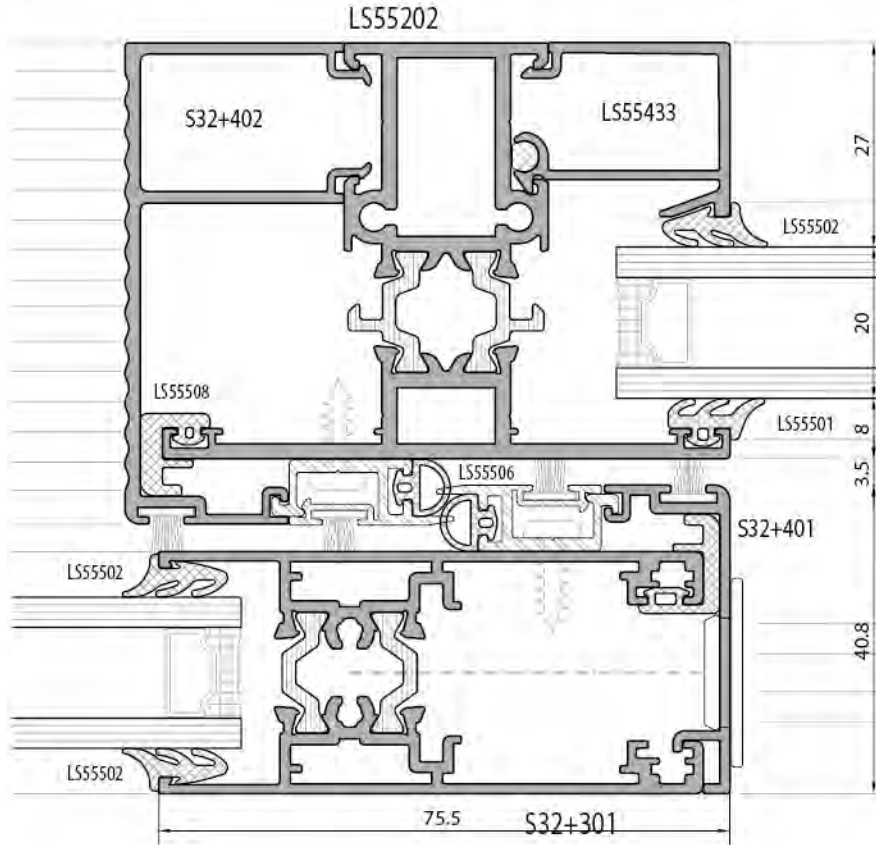
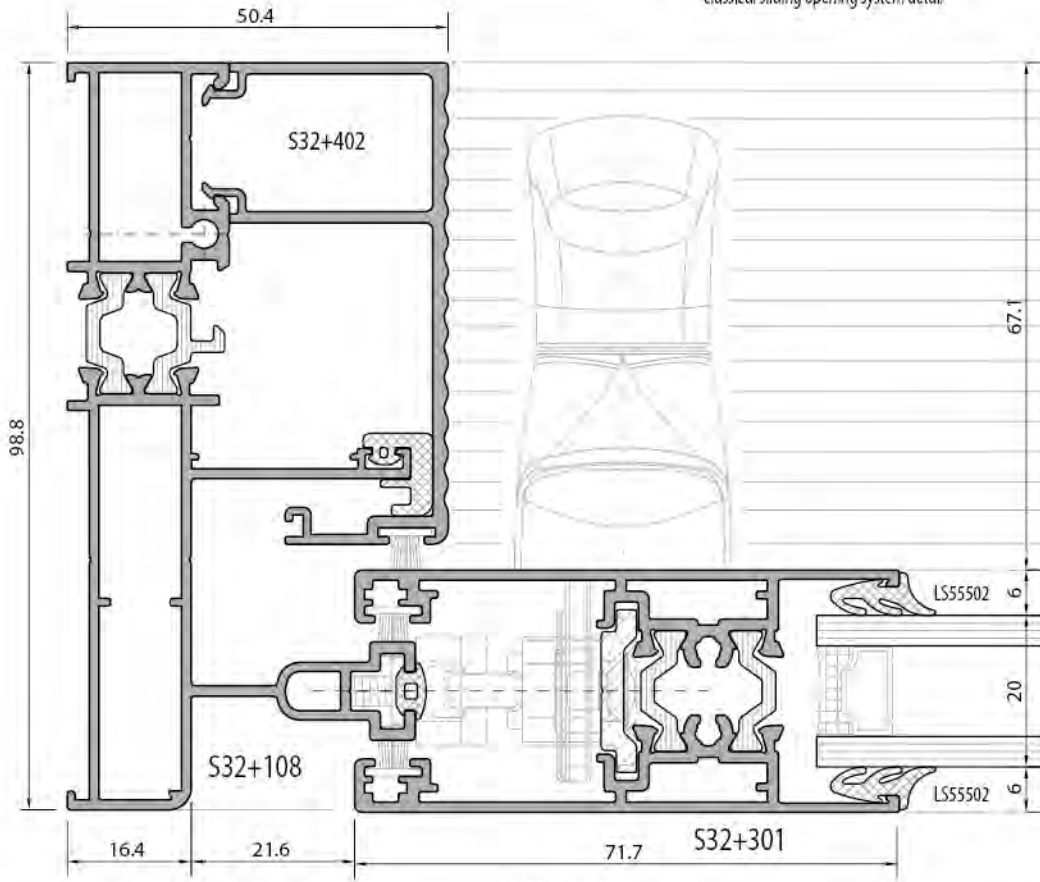
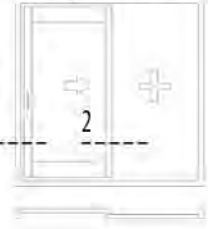
Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
S32+707		kitleme takımı locking set	20 pcs/pk	
S32+708		çekme kol pull handle	25 pcs/pk	
S32+709		sineklik rulman flyscreen roller	100 pcs/pk	
S32+710		sineklik kanat köşe bağlantı flyscreen sash corner connection (90° join)	100 pcs/pk	
S32+711		sineklik kanat köşe bağlantı flyscreen sash corner connection (45° join)	100 pcs/pk	
S32+801		kanal üst izolasyon channel upper insulation	100 pcs/pk	
S32+802		kanal üst izolasyon channel upper insulation	100 pcs/pk	
S32+803		kanal alt izolasyon channel bottom insulation	100 pcs/pk	
L555804		kanal alt izolasyon channel bottom insulation	100 pcs/pk	

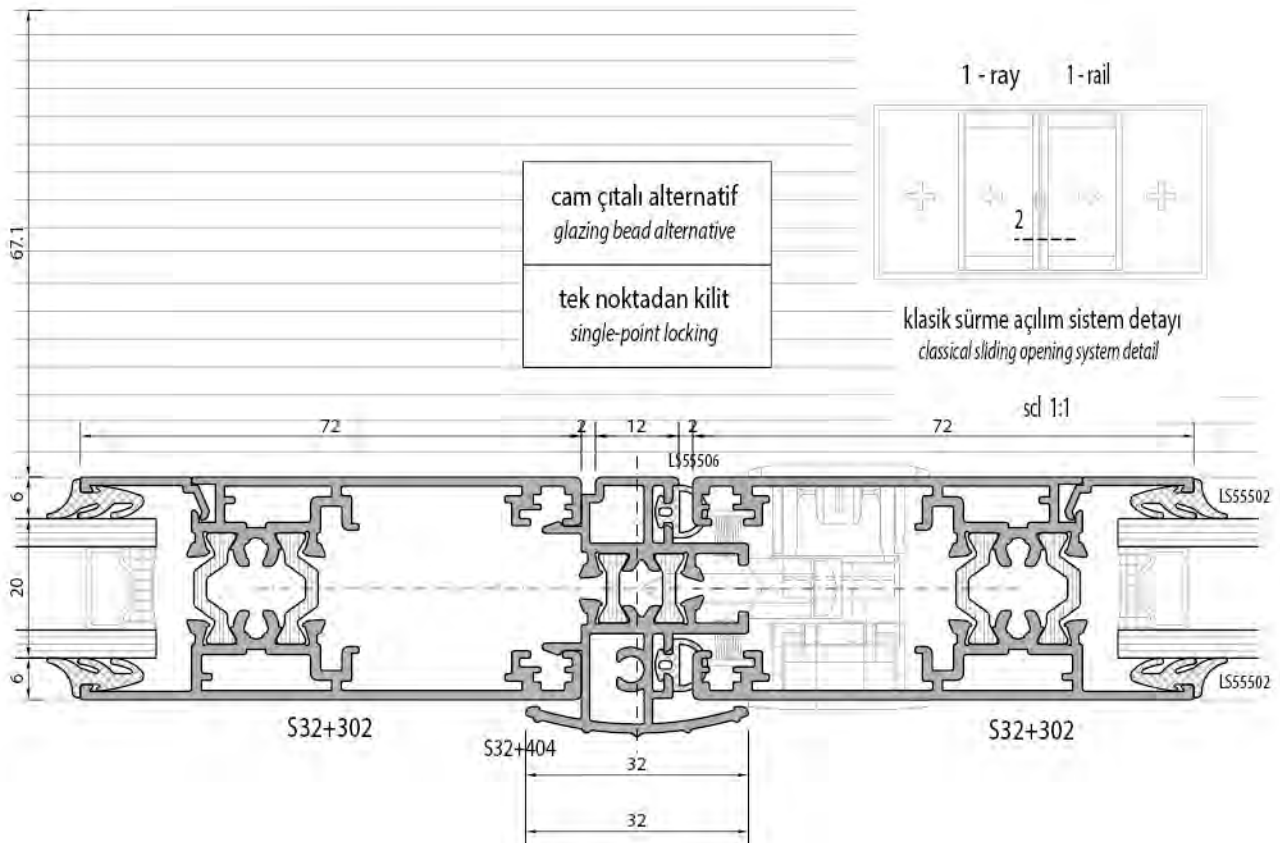
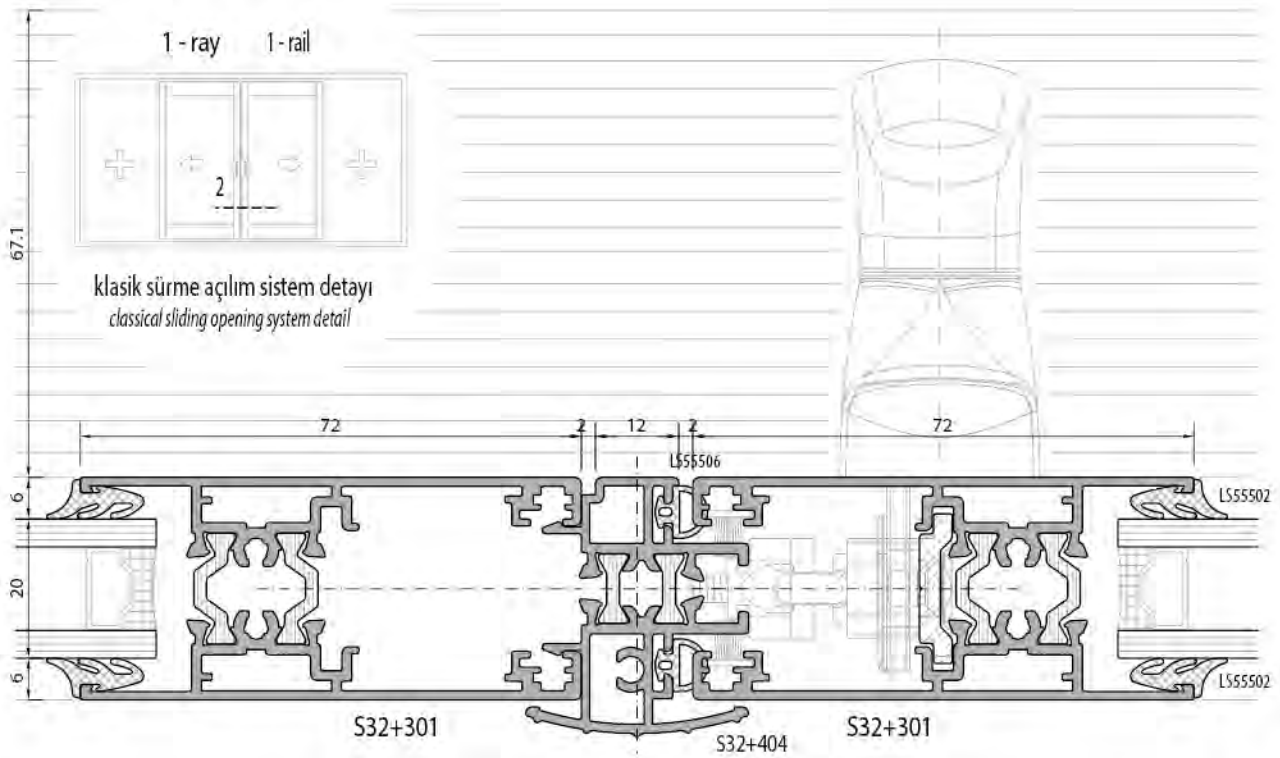
1 - RAY-SABİT PROFİL SİSTEMİ
1 - RAIL-FIX PROFILE SYSTEM

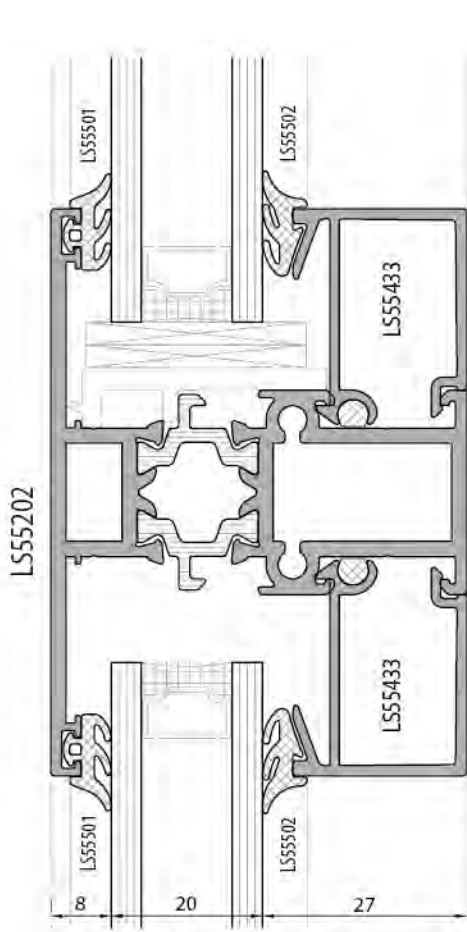


klasik sürme açılım sistem detayı
classical sliding opening system detail

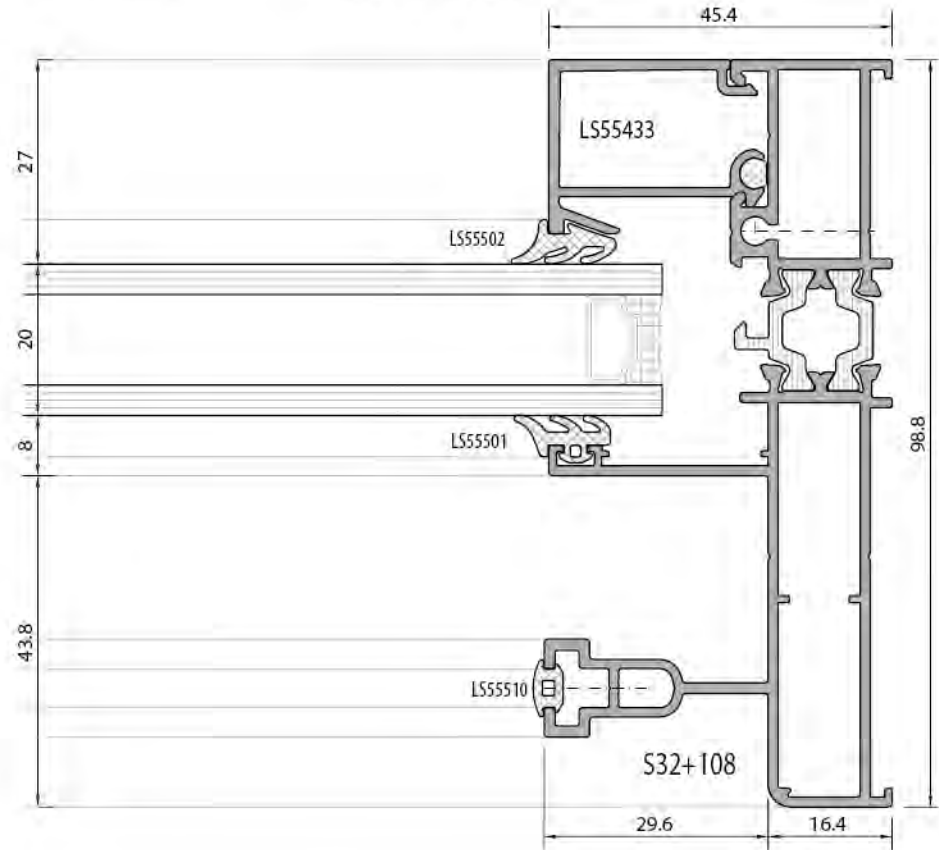
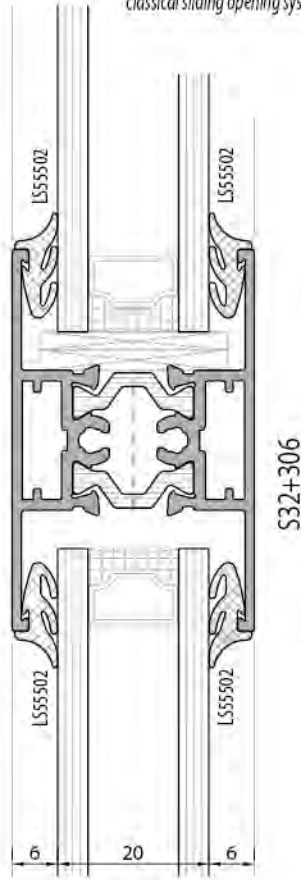
1 - ray 1-rail

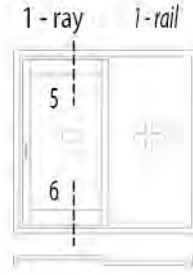
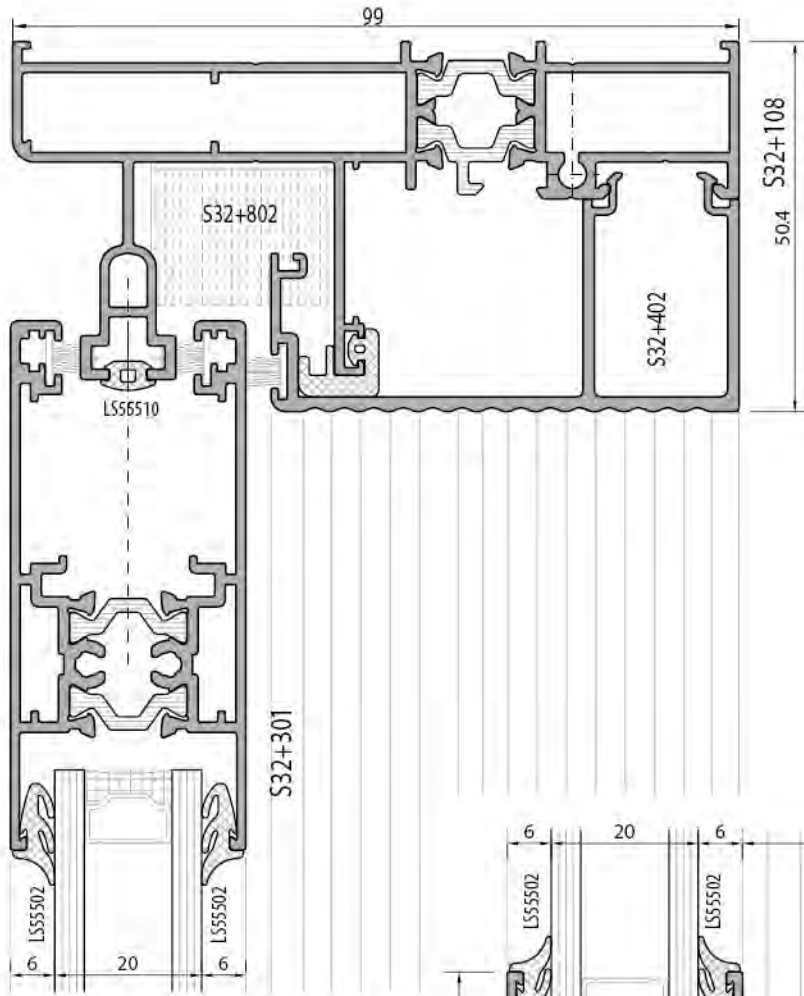




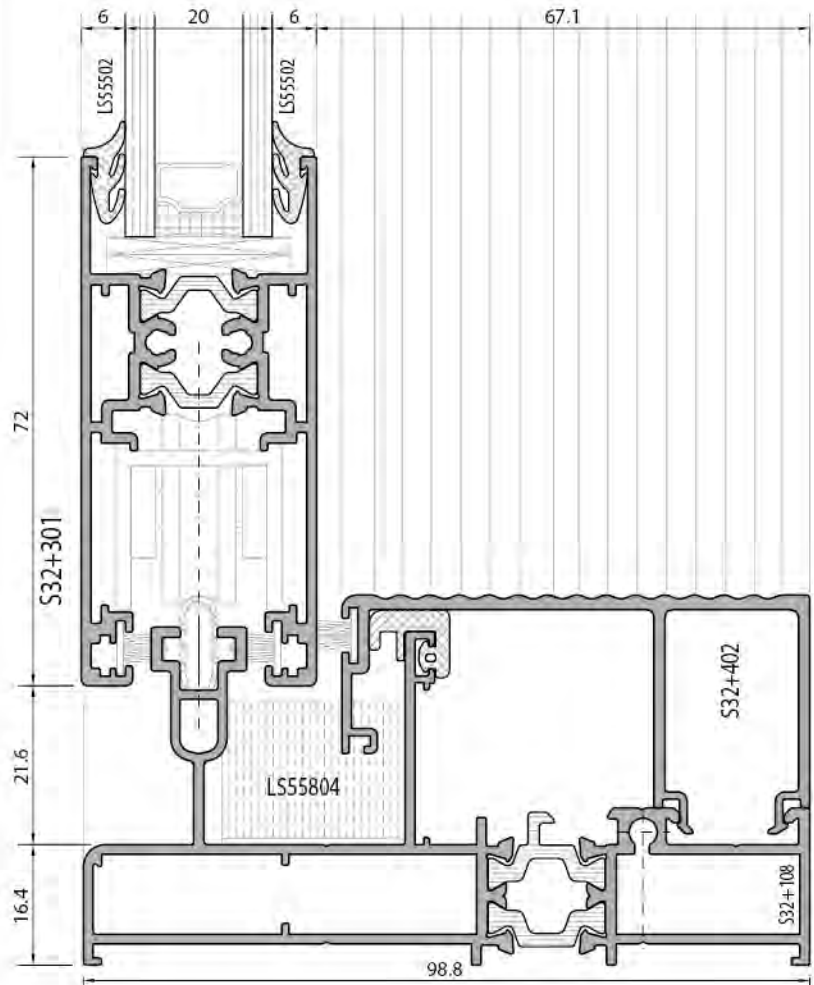


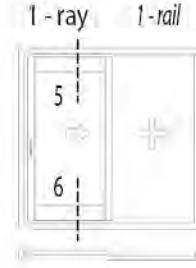
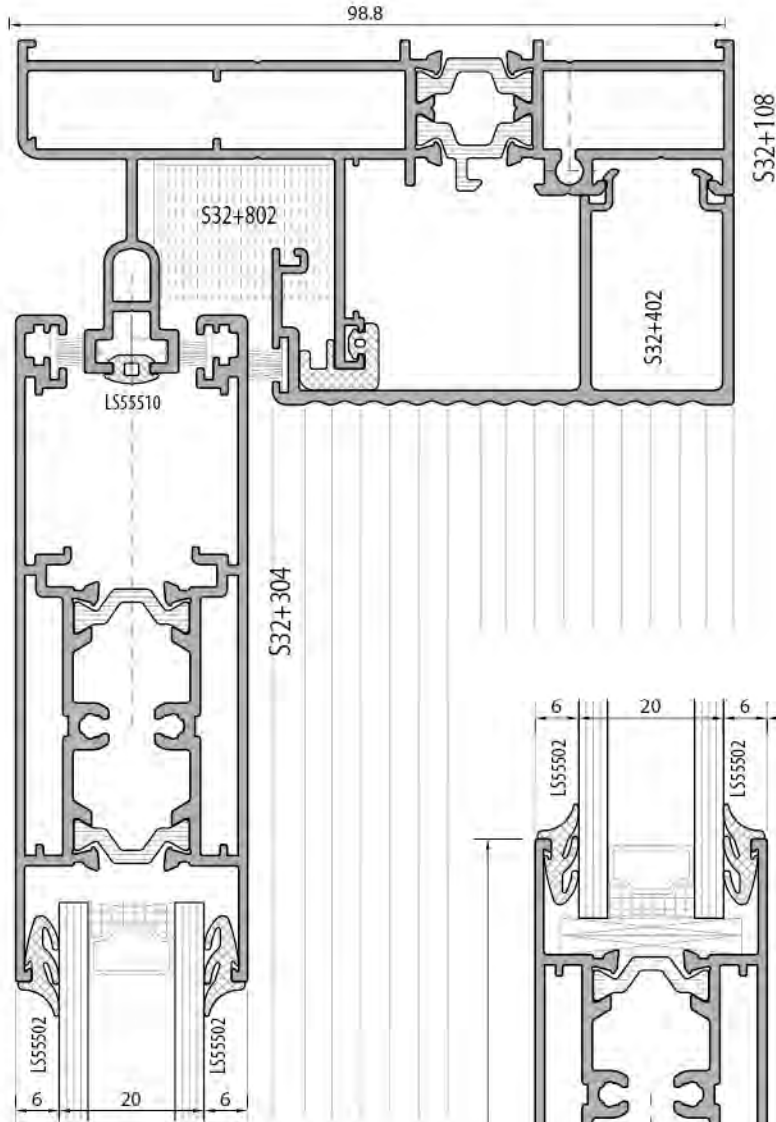
klasik sürme açılım sistem detayı
classical sliding opening system detail



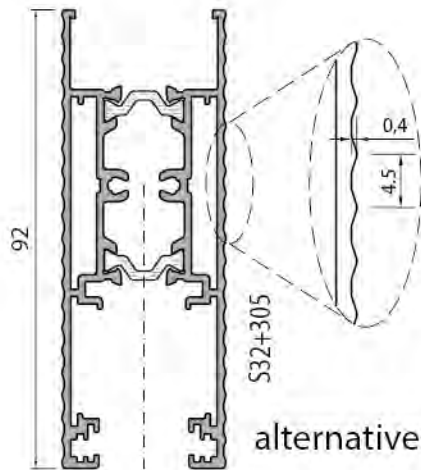


klasik sürme açılım sistem detayı
classical sliding opening system detail

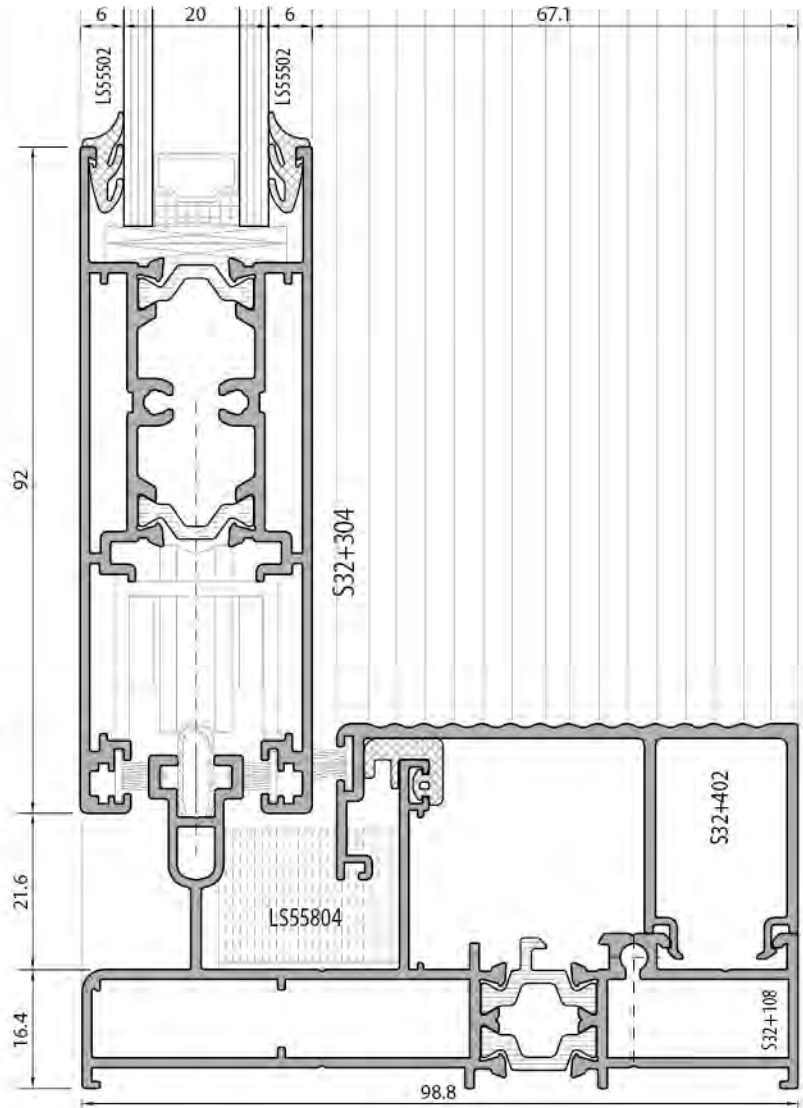


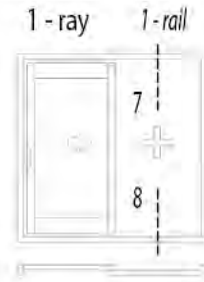
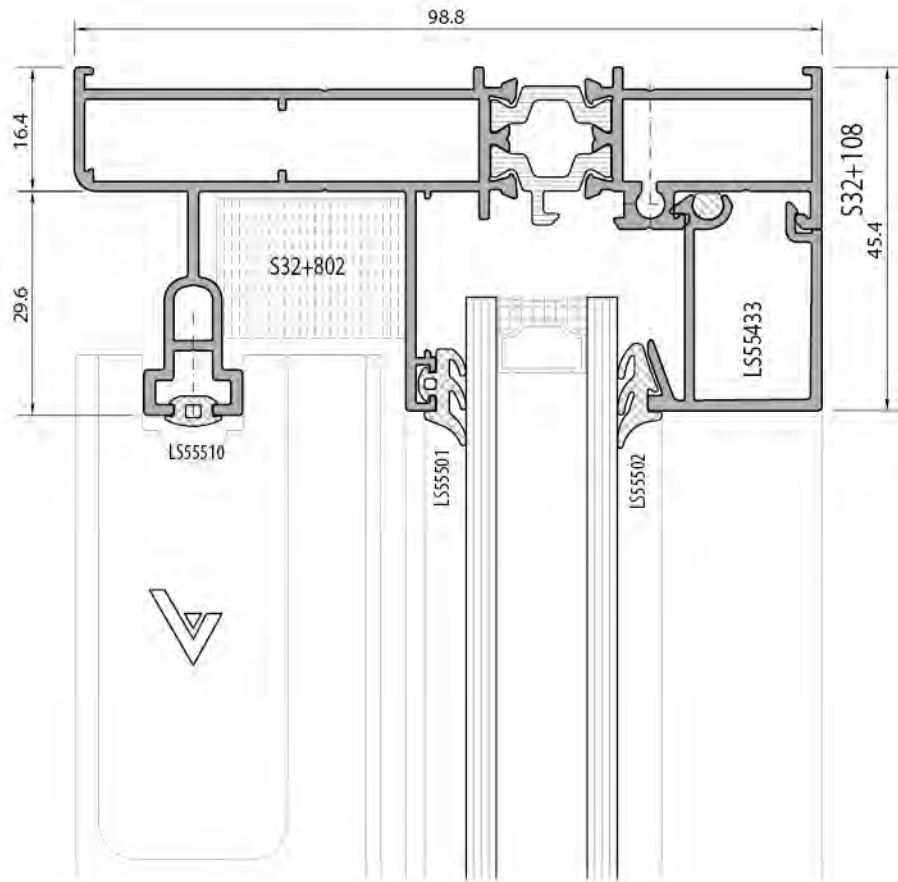


klasik sürme açılım sistem detayı
classical sliding opening system detail

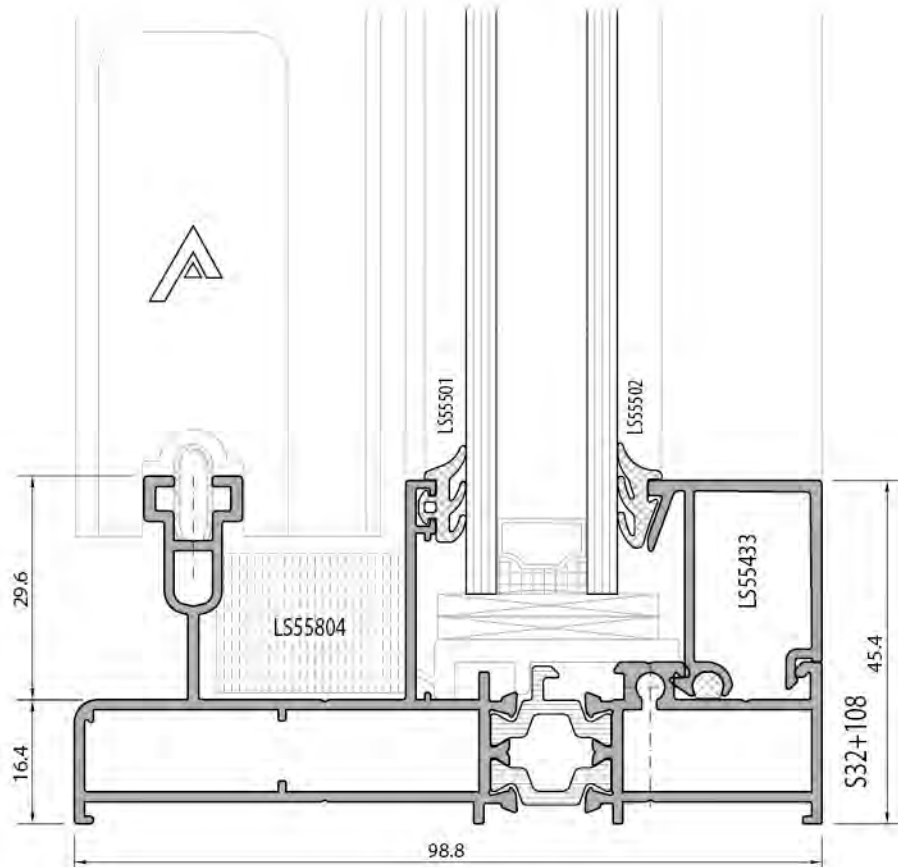


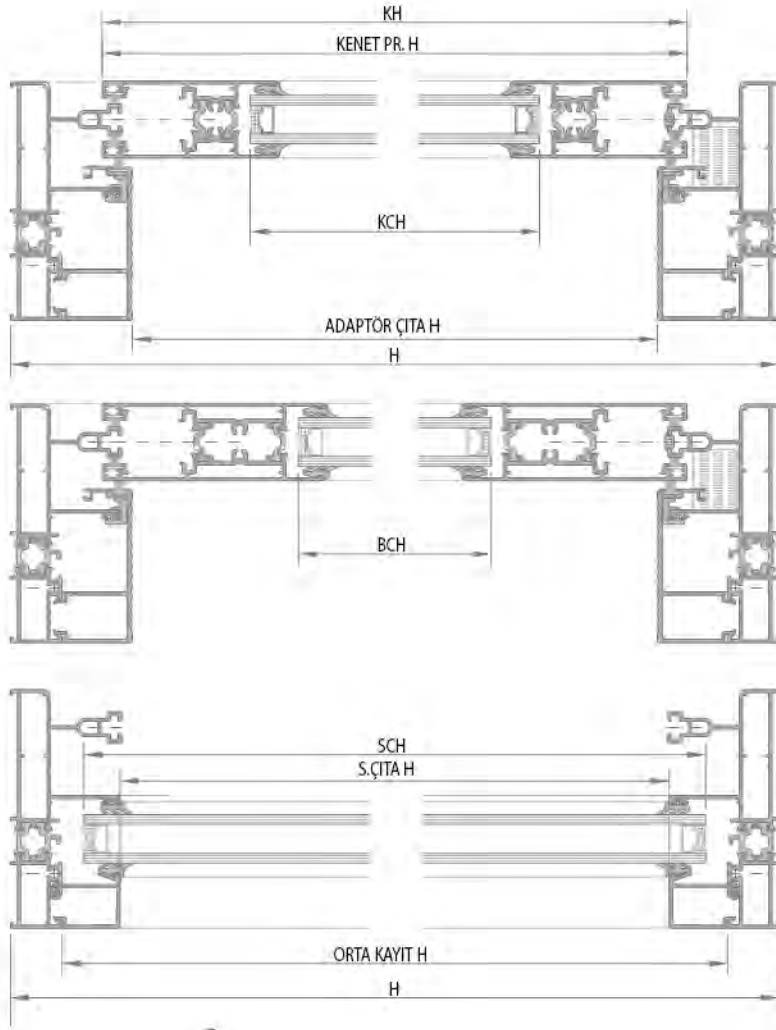
alternative





klasik sürme açılım sistem detayı
classical sliding opening system detail

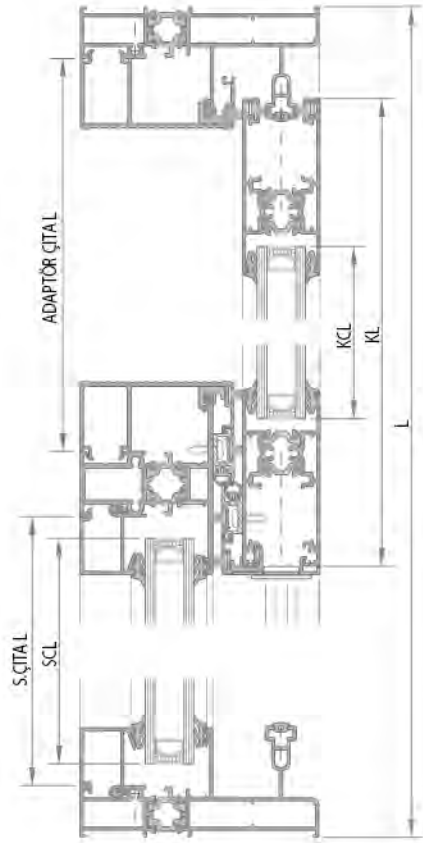
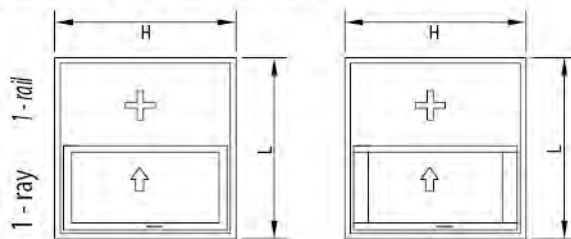




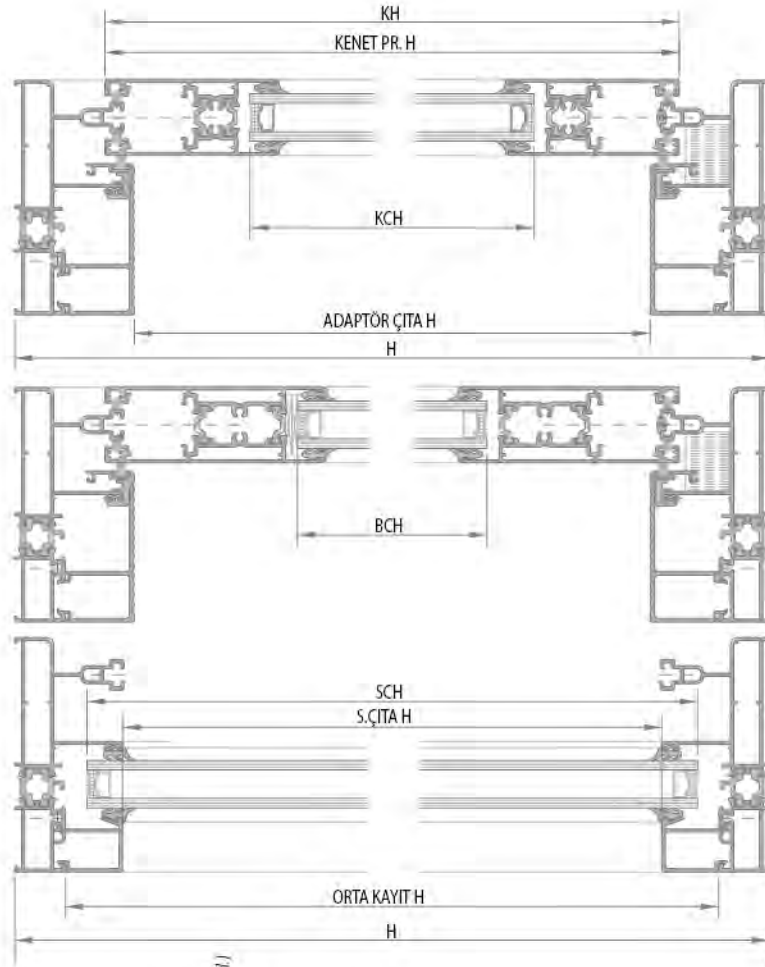
İnşaat ve Kesim Planı
Cutting Dimensions

Sürme Eni	: L
Sürme Yüksekliği	: H
Kanat Eni	: KL
Bazı Kanat Eni	: BKL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Sabit Cam Eni	: SCL
Sabit Cam Yüksekliği	: SCH
Bazı Kanat Cam Yüksekliği	: BCH
Kanat Çita Eni	: K.Çita L
Kanat Çita Yüksekliği	: K.Çita H
Sabit Çita Eni	: S.Çita L
Sabit Çita Yüksekliği	: S.Çita H
Adaptör Çita Eni	: L2 - I
Adaptör Çita Yüksekliği	: H - 101
Kanat Profili H	: H - 76
Orta Kayıt H	: H - 43

KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING



- * Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.
- * Hesaplama orta kayıt profili LS55202'ye göre yapılmıştır.
The calculation was made on the mullion profile LS55202.



İmalat ve Kesim Planı

Cutting Dimensions

Sürme Eni : L
Sürme Yüksekliği : H

Kanat Eni : KL 24+48

Baza Kanat Eni : BK L 148

Kanat Yüksekliği : KH H - 76 (45° birli) H - 80 (90° birli)

Kanat Cam Eni : KCL L 4 + 75

Kanat Cam Yüksekliği : KCH H - 198

Sabit Cam Eni : SCL L 4 + 75

Sabit Cam Yüksekliği : SCH H - 61

Baza Kanat Cam Yüksekliği : BKCH H - 238

Kanat Çita Eni : KCH L 12

Kanat Çita Yüksekliği : KCH L 144

Sabit Çita Eni : SCH L 4 - 56

Sabit Çita Yüksekliği : SCH L 43

Adaptör Çita Eni : (2KL + 16) - 95

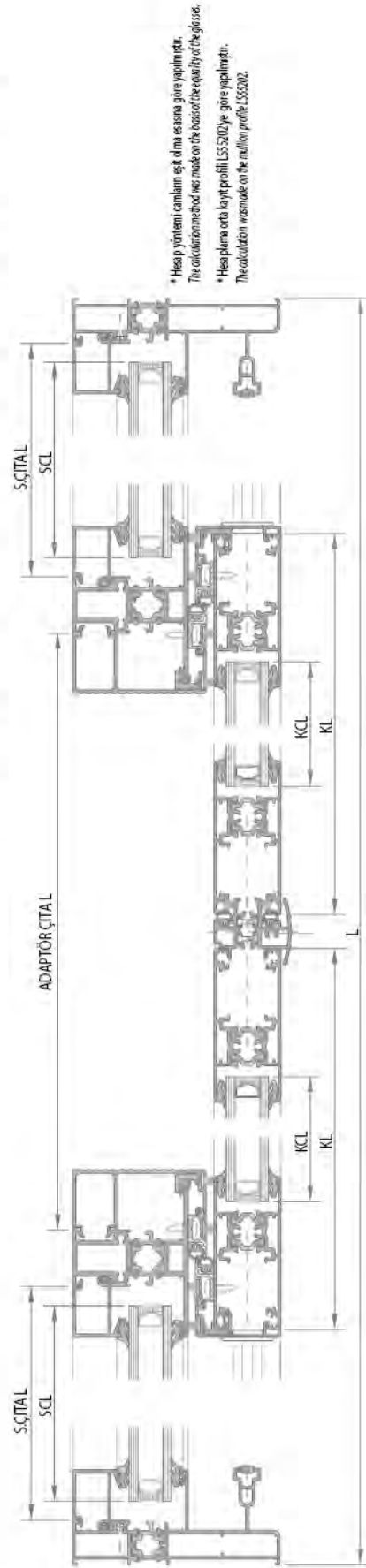
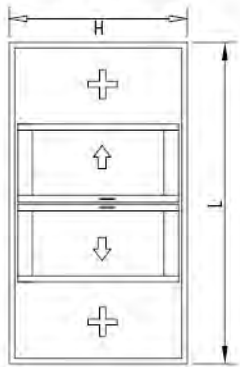
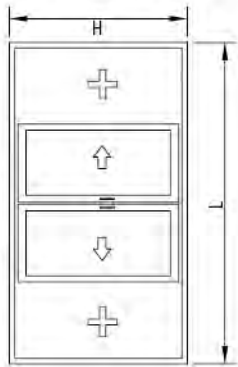
Adaptör Çita Yüksekliği : H - 101

Kenet Profil H : H - 76

Orta Kayıt H : H - 43

KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

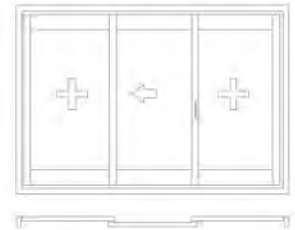
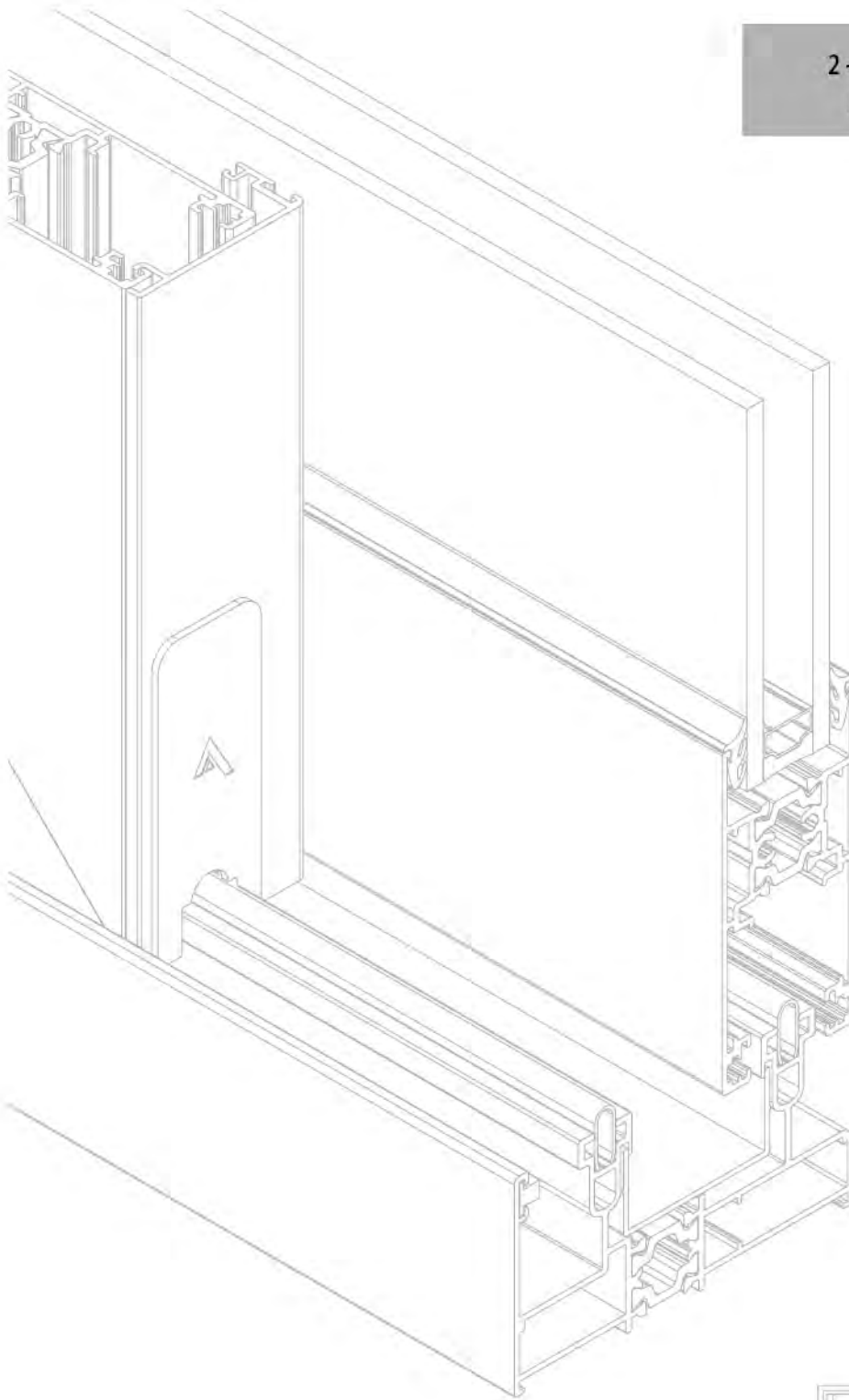
1 - ray 1 - rail

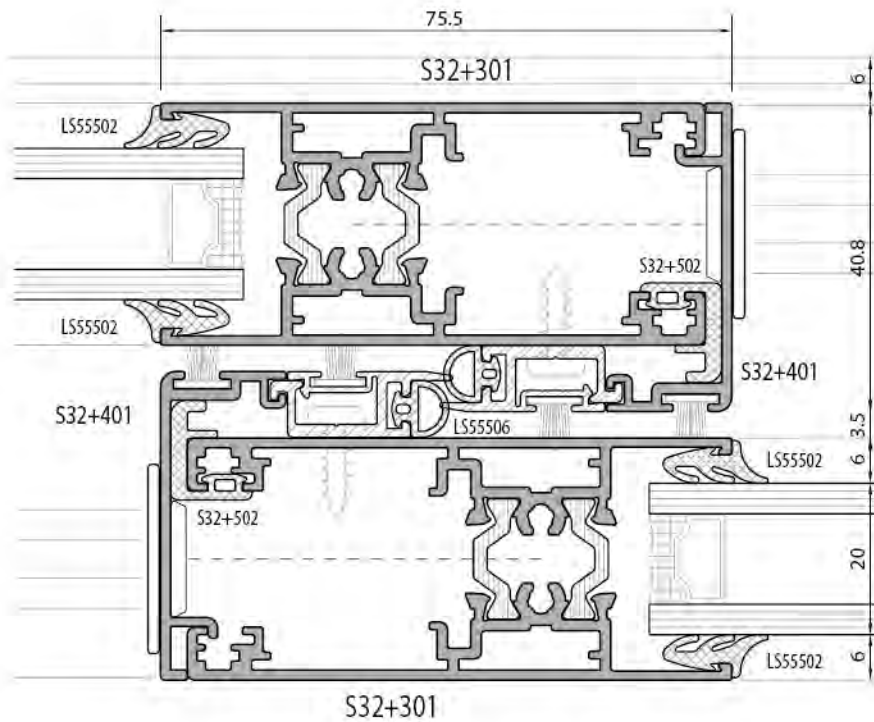
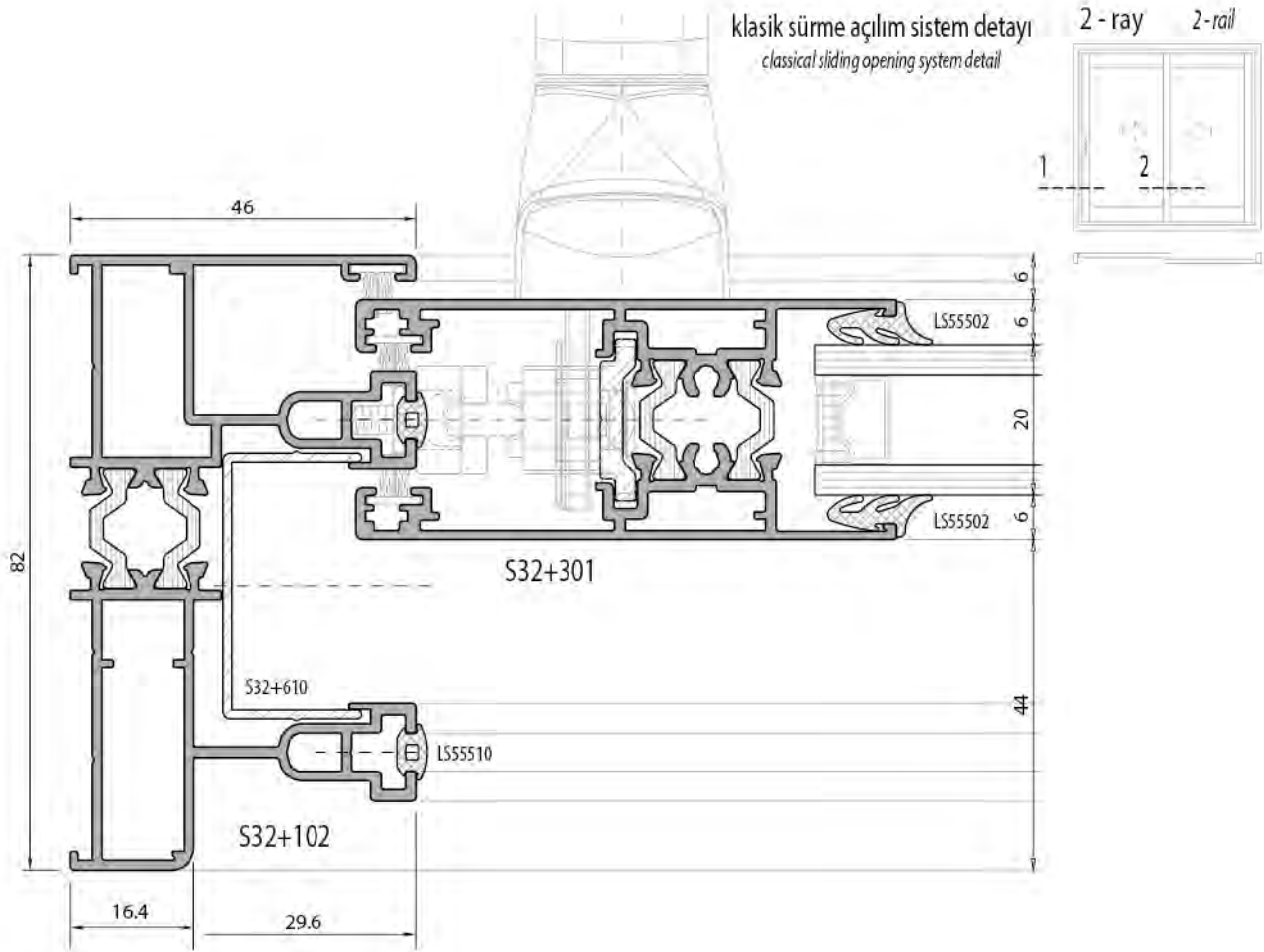


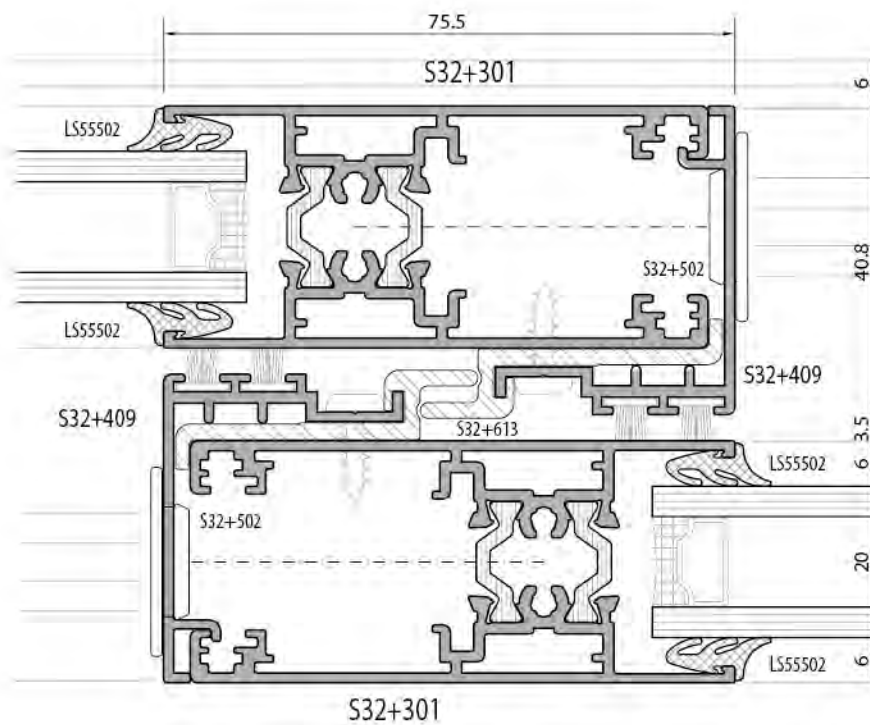
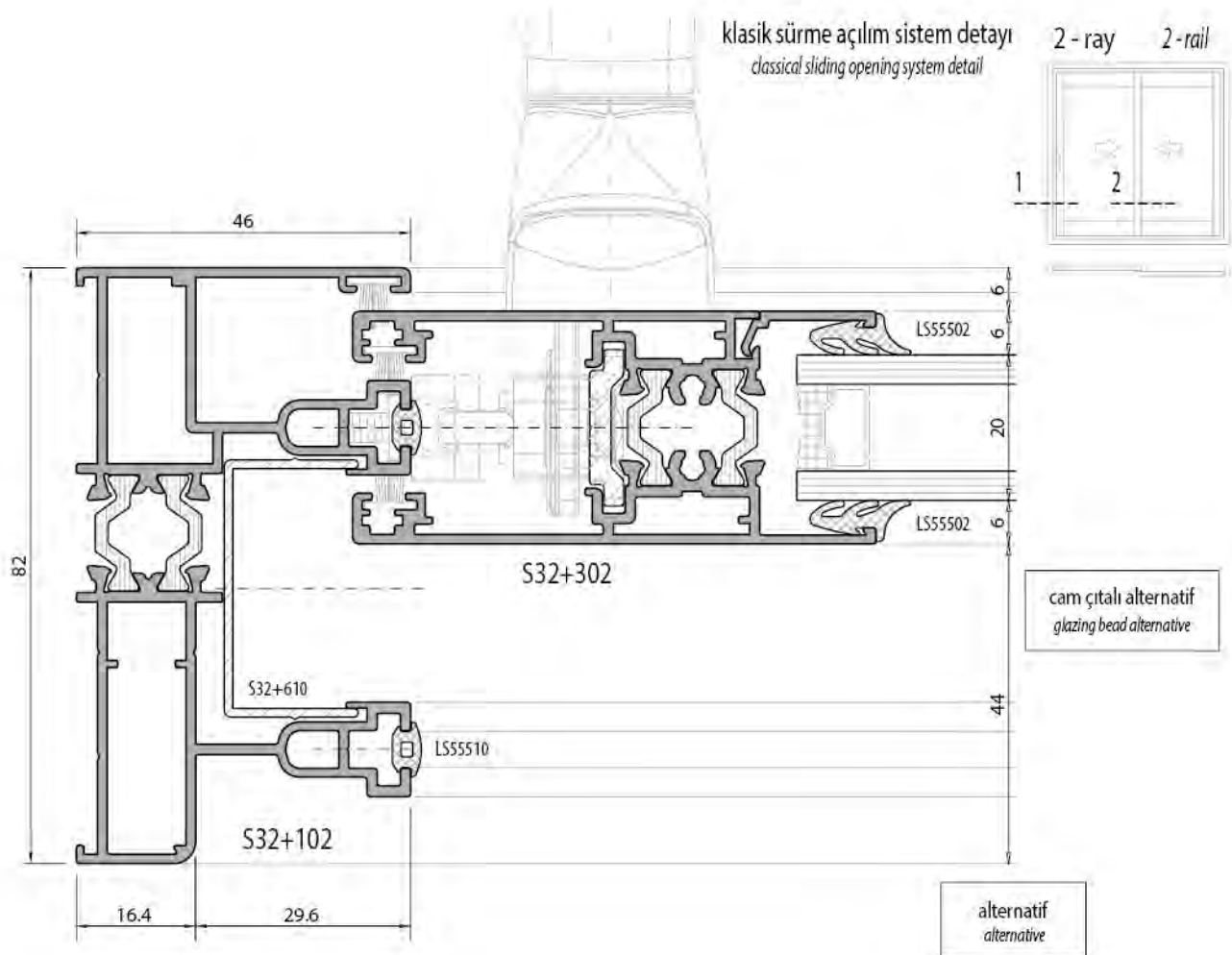
* Hesap yöntemi camlar için eşit d m a esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glass.
* Hesaplama orta kayıt profili LS5202'ye göre yapılmıştır.
The calculation was made on the basis of the middle profile LS5202.

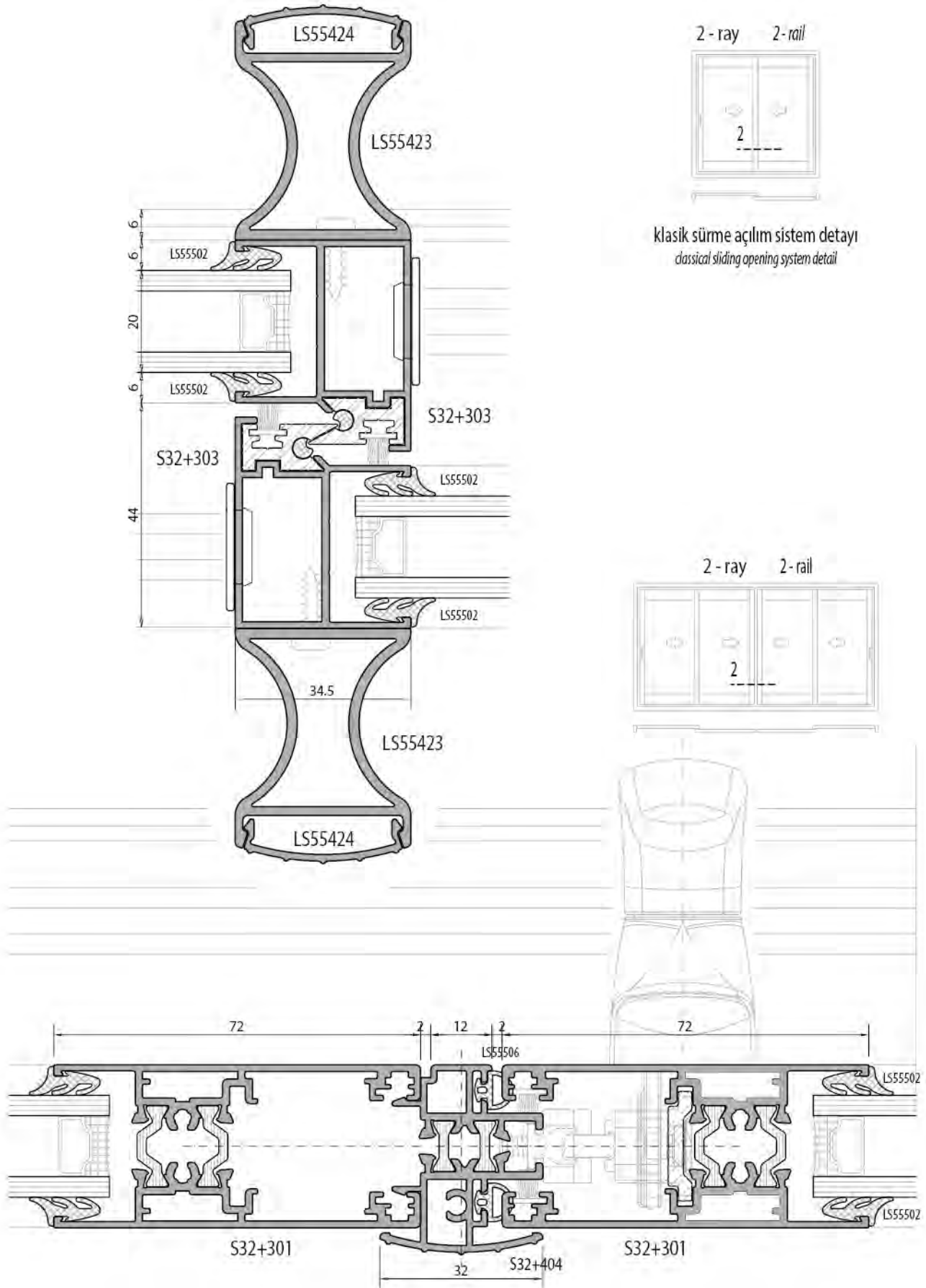
2 - RAY PROFİL SİSTEMİ

2 - RAIL PROFILE SYSTEM

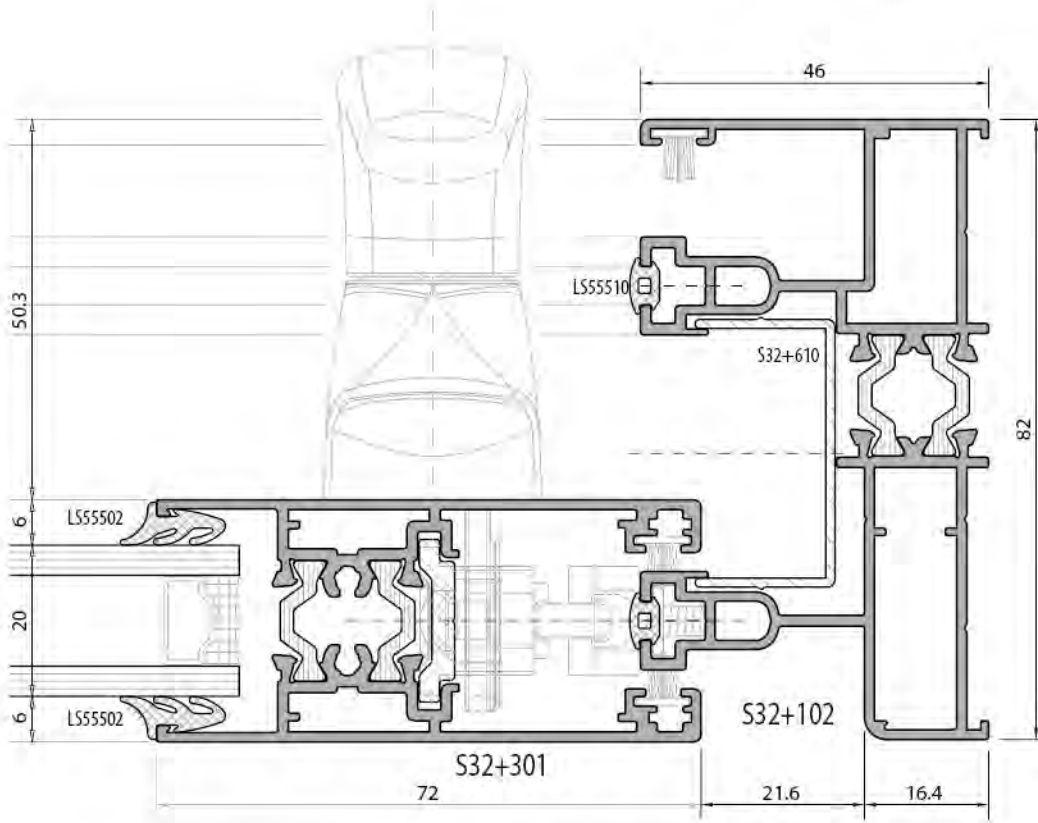




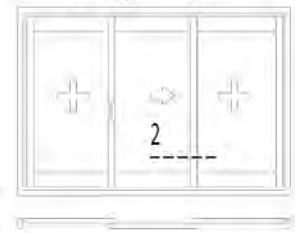




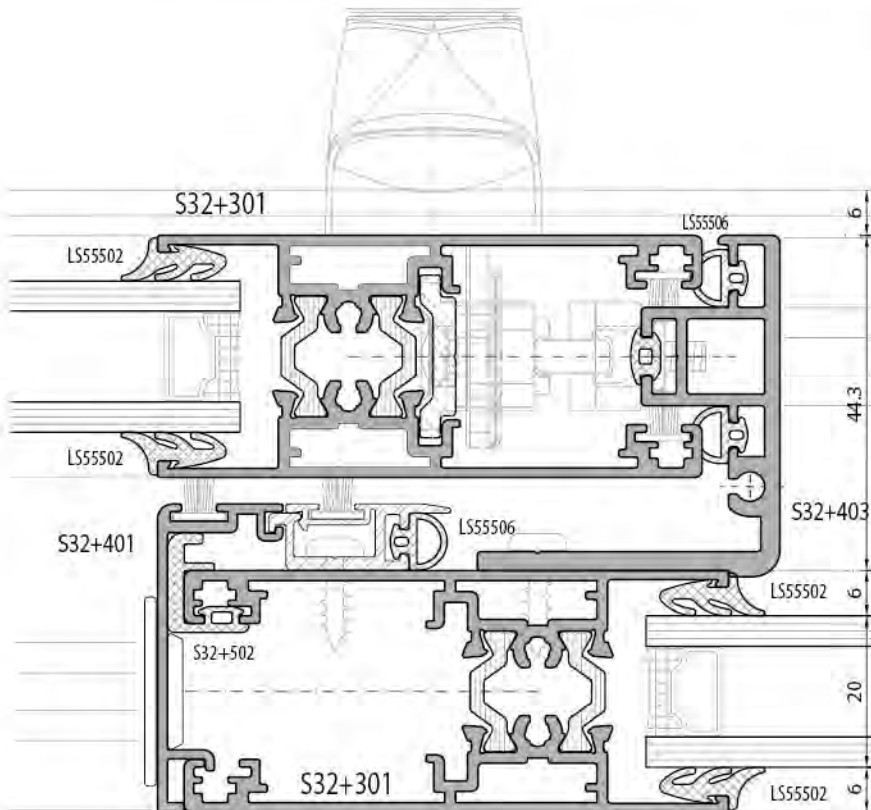
klasik sürme açılım sistem detayı
classical sliding opening system detail

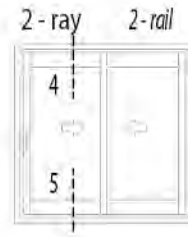
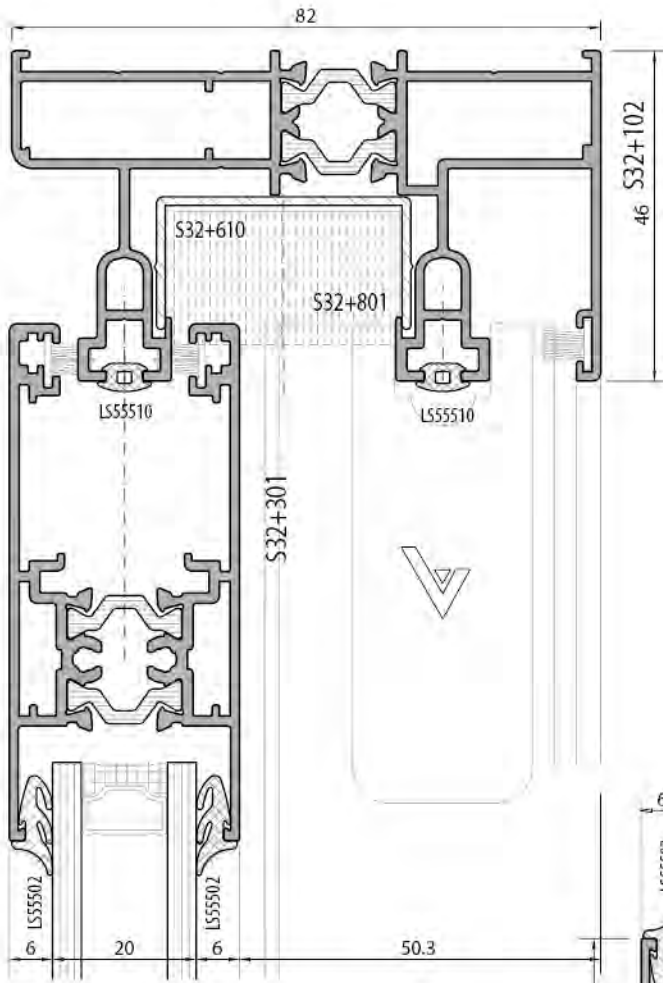


2 - ray 2 - rail

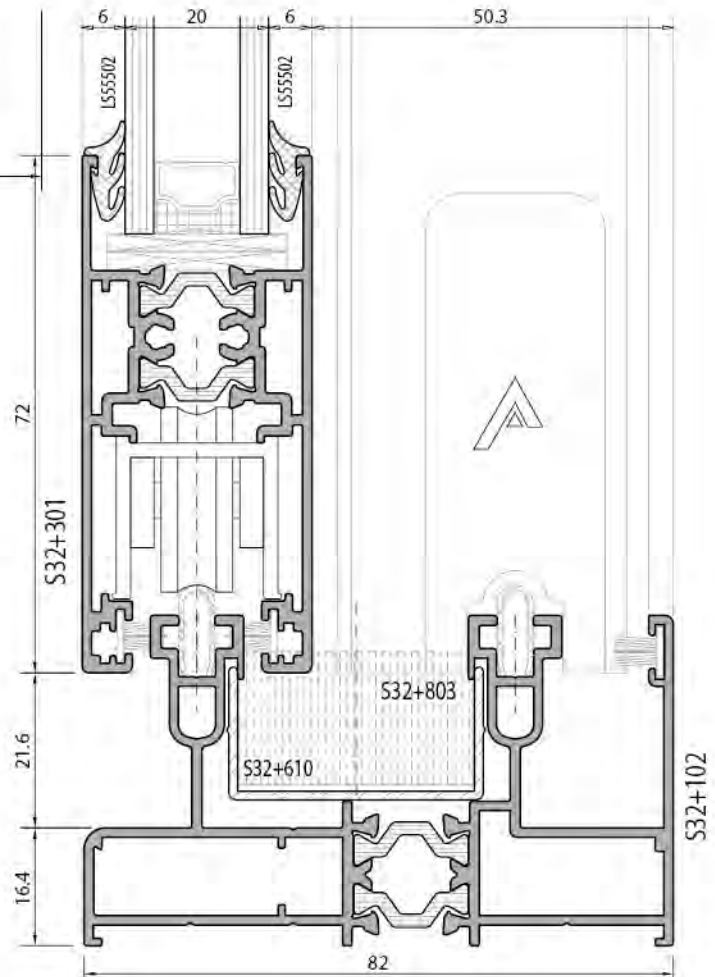


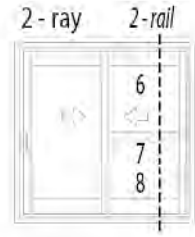
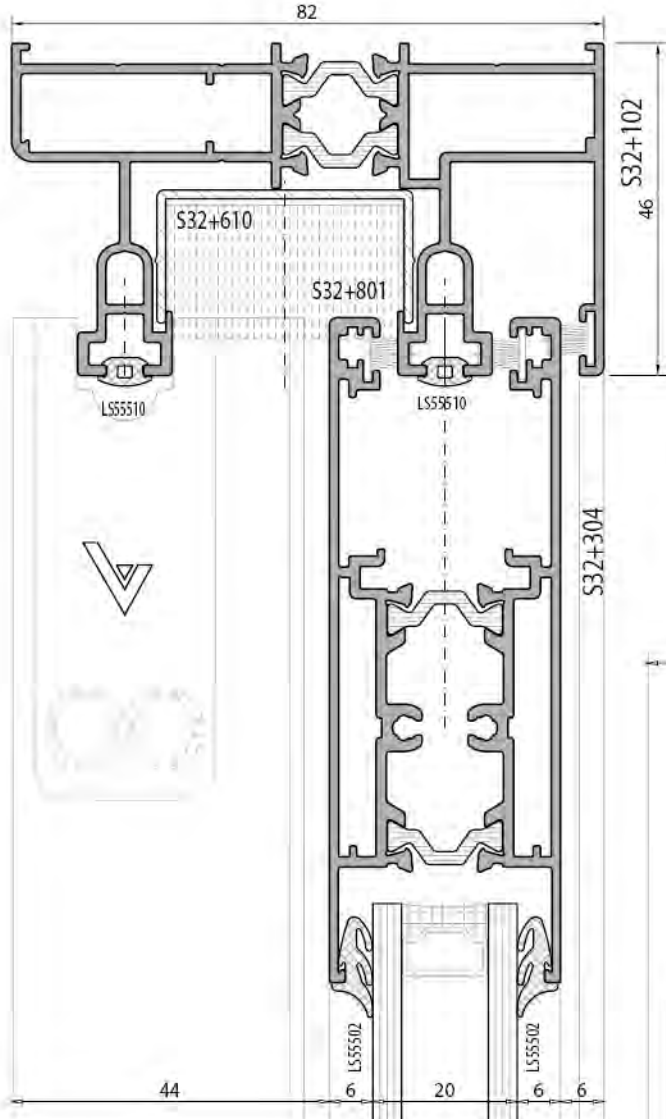
klasik sürme açılım sistem detayı
classical sliding systems detail



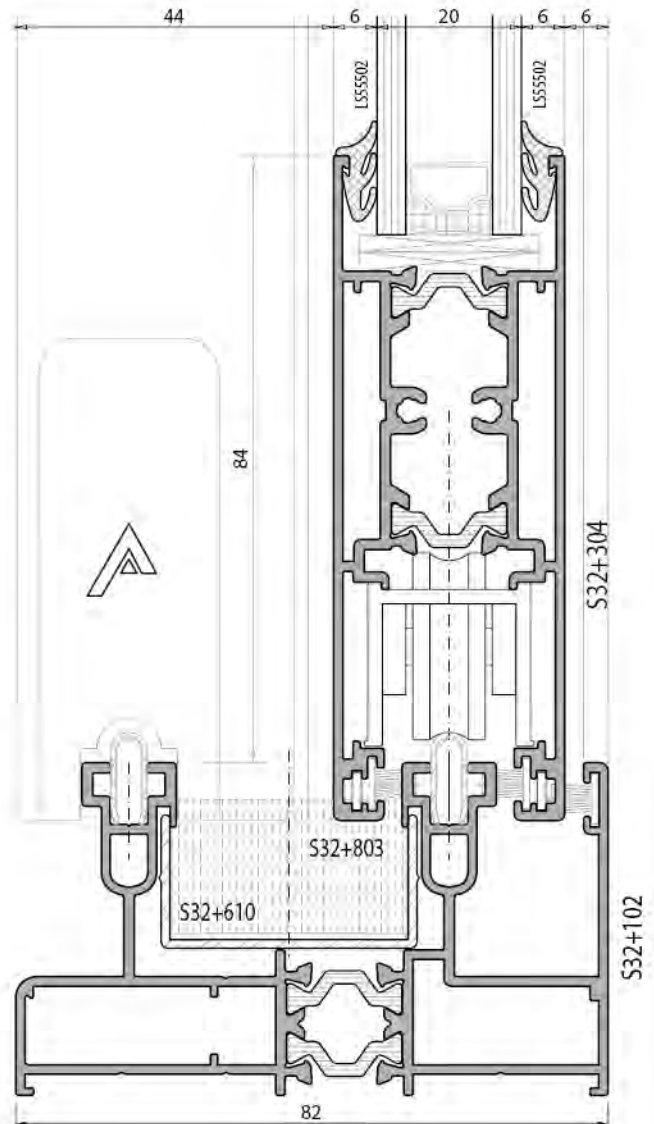
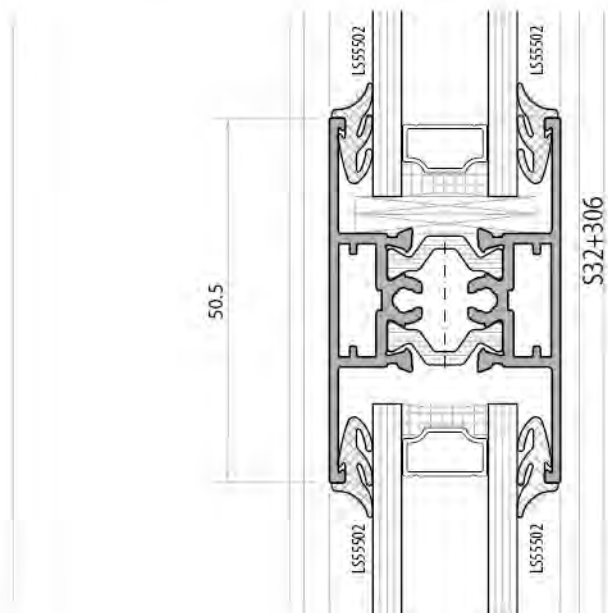


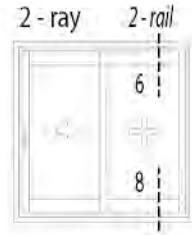
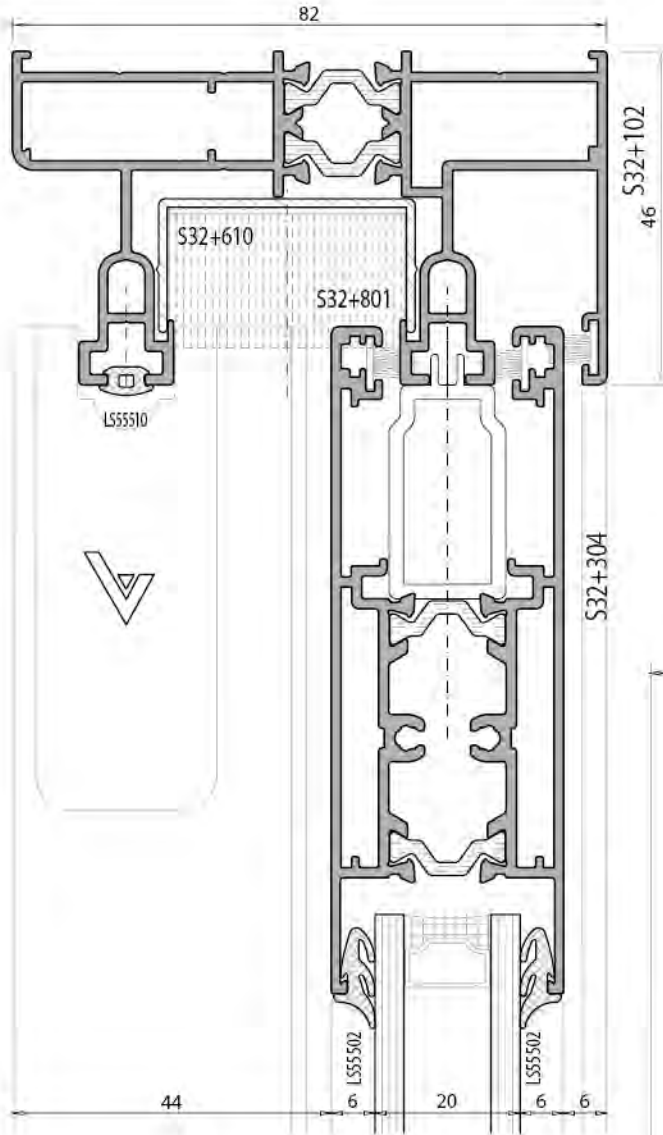
klasik sürme açılım sistem detayı
classical sliding opening system detail



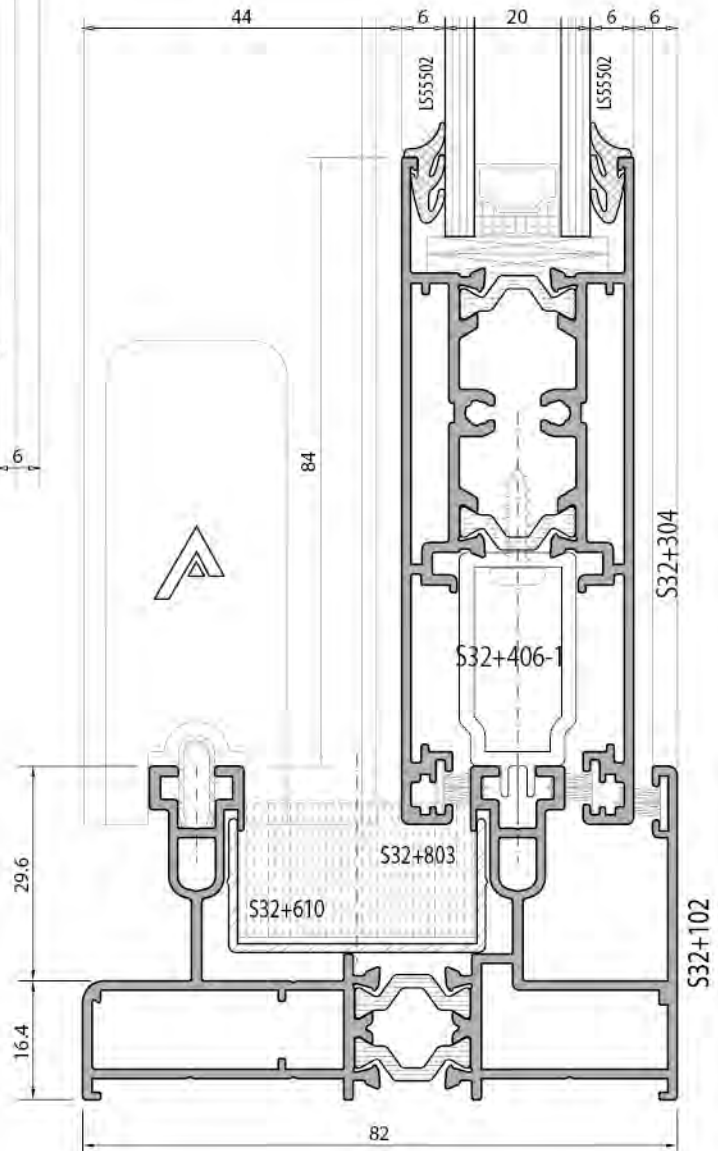


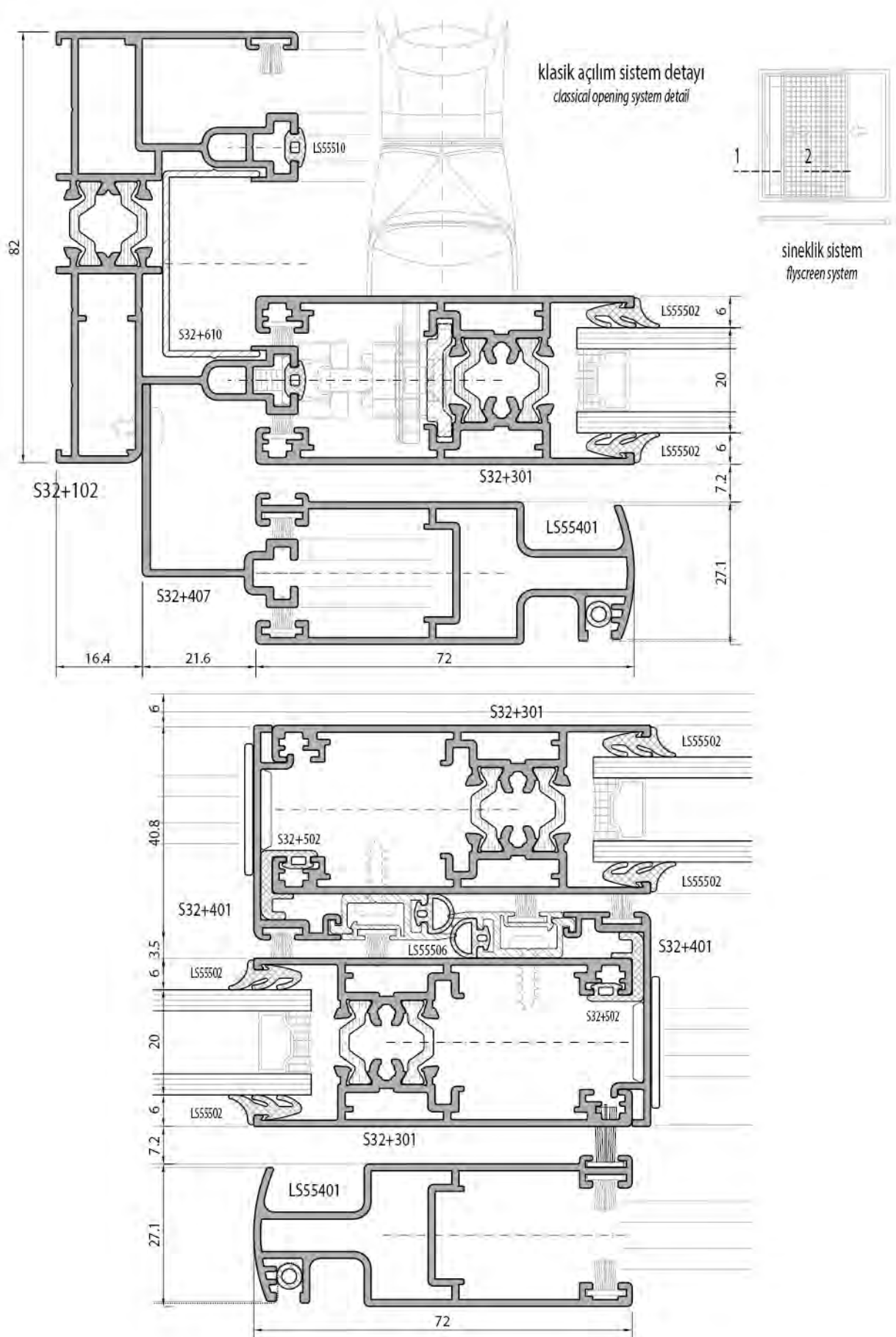
klasik sürme açılım sistem detayı
classical sliding opening system detail



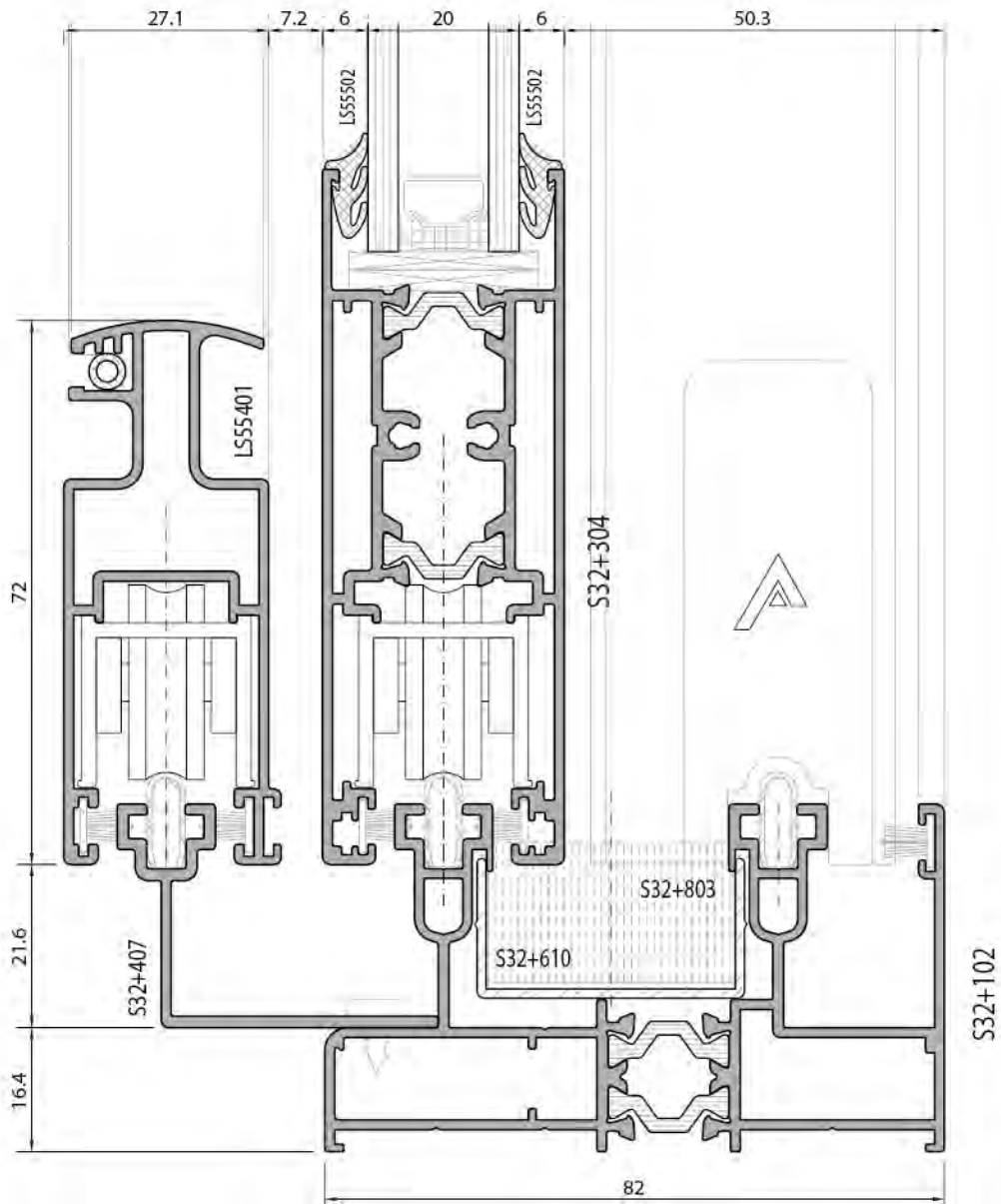
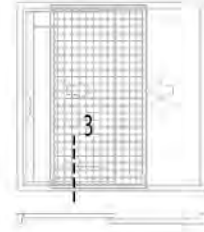


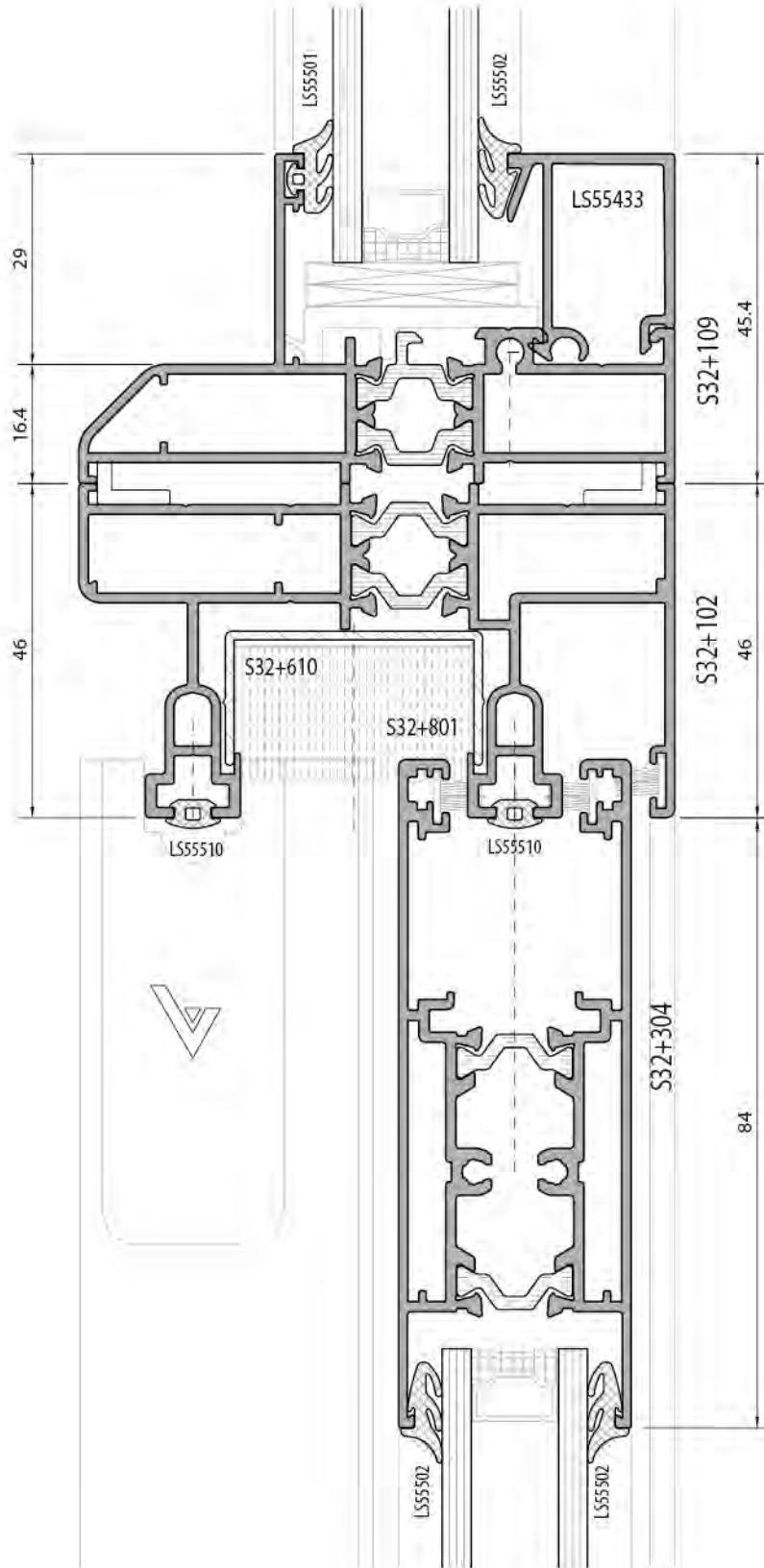
klasik sürme açılım sistem detayı
classical sliding opening system detail





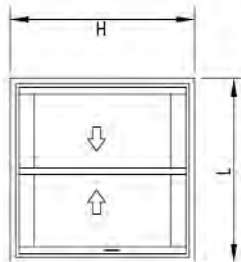
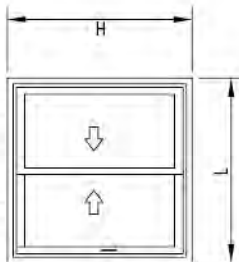
klasik açılım sistem detayı
classical opening system detail





KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

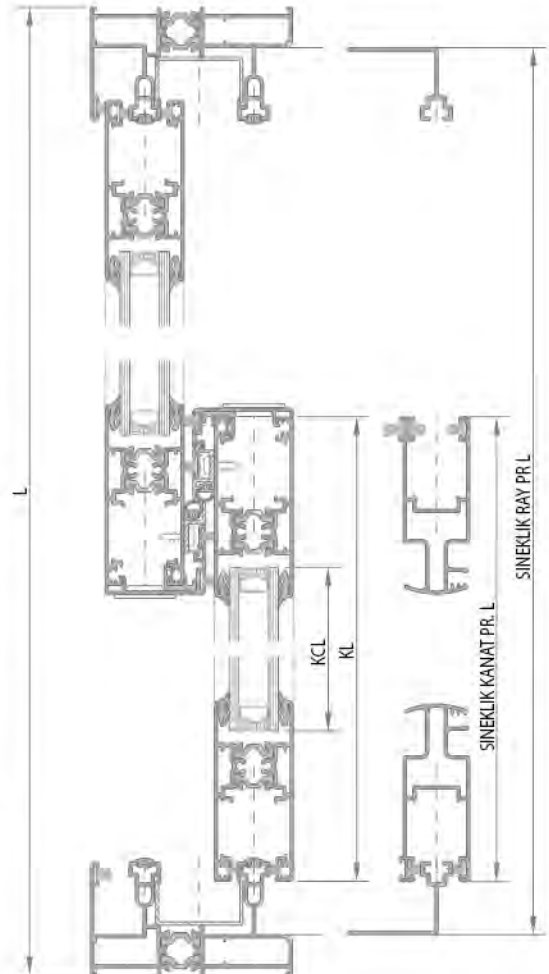
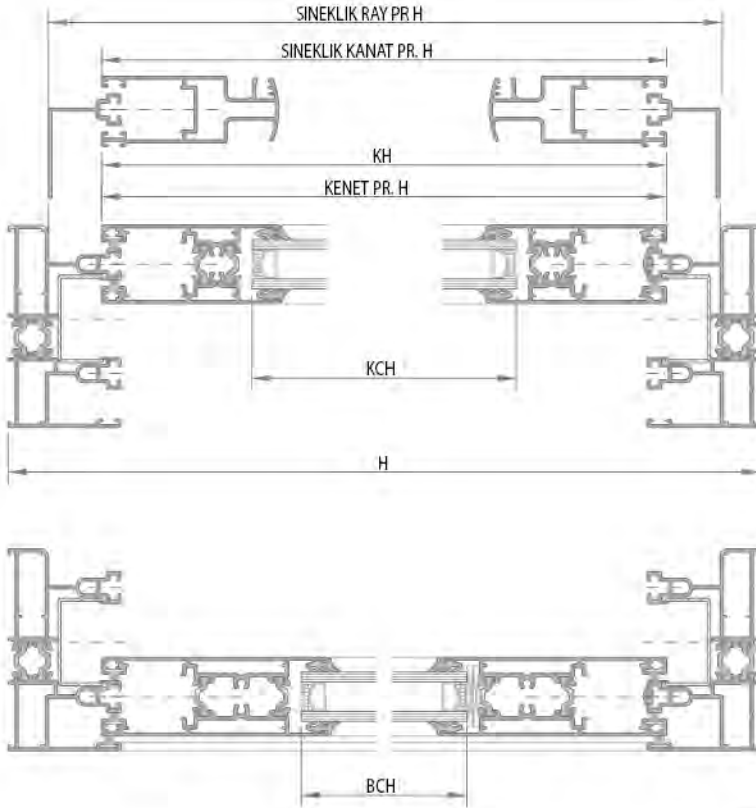
2 - ray 2 - rail



İmalat ve Kesim Planı
Cutting Dimensions

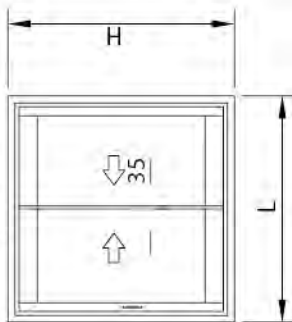
Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni	: KL
Baza Kanat Eni	: BKL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Baza Kanat Cam Yüksekliği	: BCH
Kanat Çıta Eni	: K.Cıta L
Kanat Çıta Yüksekliği	: K.Cıta H
Kanat Profili H	: H - 76
Sineklik Ray Profili L	: L - 33
Sineklik Ray Profili H	: H - 33
Sineklik Kanat Profili L	: L/2 - 4
Sineklik Kanat Profili H	: H - 76

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



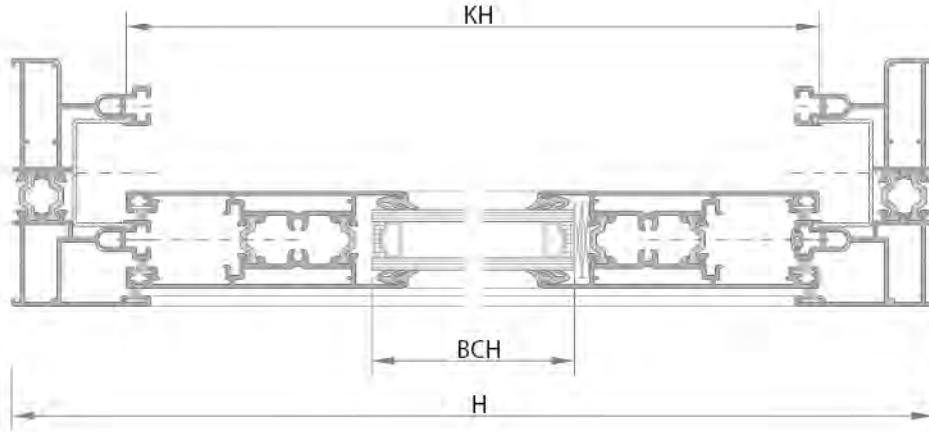
KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

2 - ray 2 - rail

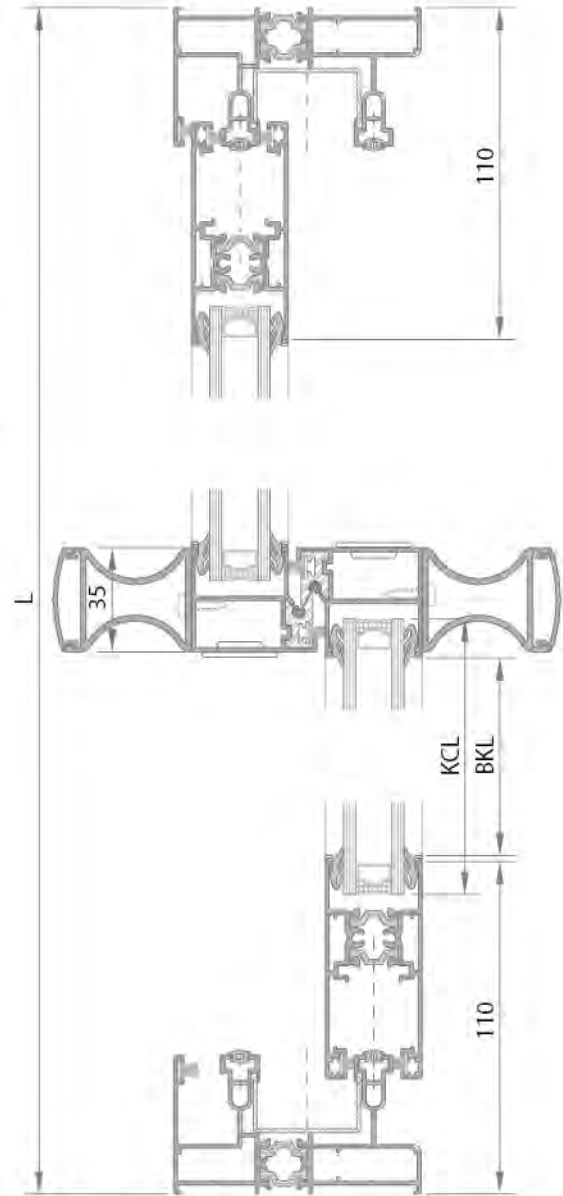


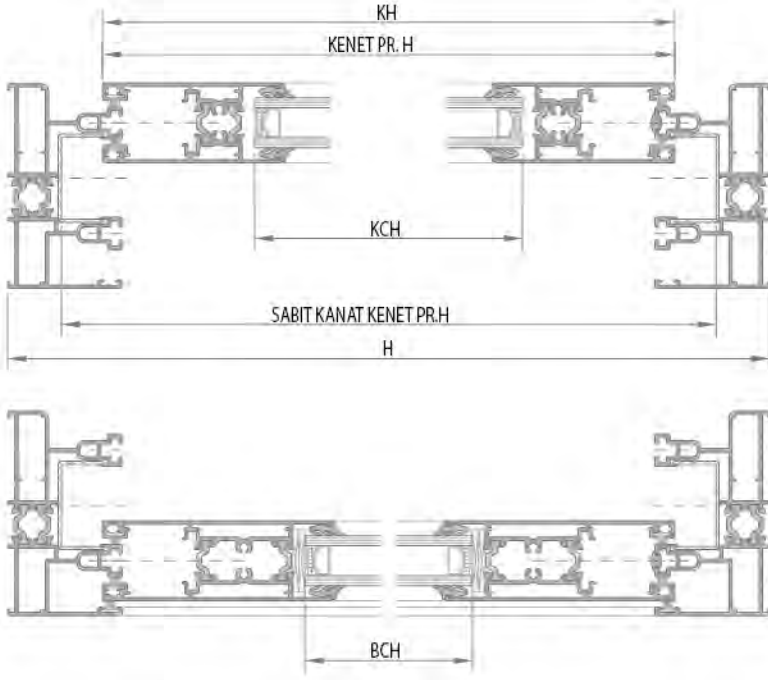
İmalat ve Kesim Planı
Cutting Measures

Sürme Eni	: L
Sürme Yüksekliği	: H
Baza Kanat Eni	: BKL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Baza Kanat Cam Yüksek.	: BCH
	L - (255 + 8) / 2
	H - 80 (90° birli)
	L2 - 105
	H - 238



* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.





İmalat ve Kesim Planı

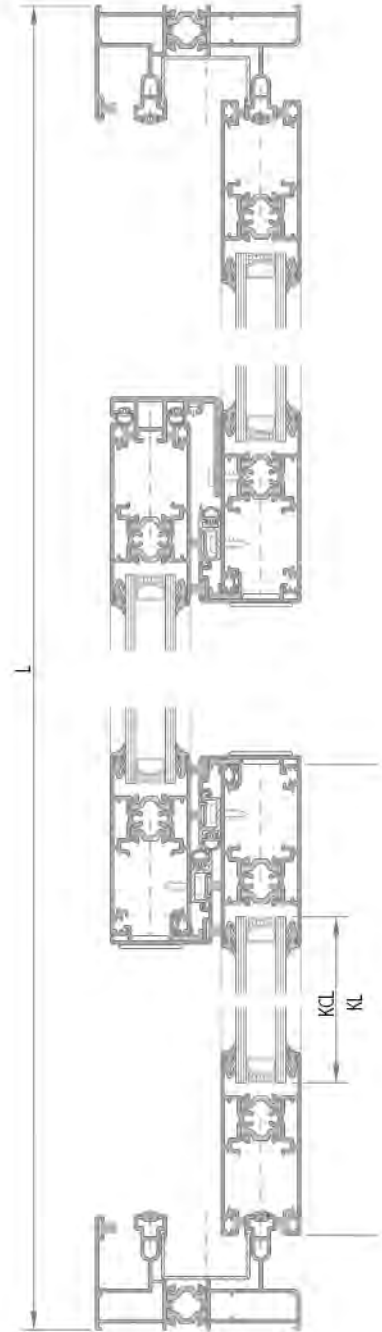
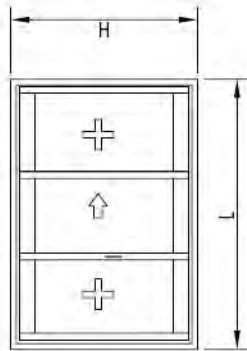
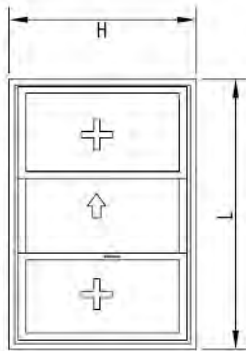
Cutting Dimensions

Sürme Eni	: L
sürme Yüksekliği	: H
Kanat Eni	: KL
Baza Kanat Eni	: BKL
Kanat Yüksekliği	: KH
	L/3 - 20
	KL - 148
	H - 76 (45° birt.) H - 80 (90° birt.)
Kanat Cam Eni	: KCL
	L/3 - 102
Kanat Cam Yüksekliği	: KCH
	H - 238
Baza Kanat Cam Yüksekliği	: BCH
	H - 238
Kanat Çıta Eni	: K Çıta L
	KL - 112
Kanat Çıta Yüksekliği	: K Çıta H
	KH - 144
Kanat Profili H	: H - 76
Sabit Kanat Kenet Pr. H	: H - 43

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

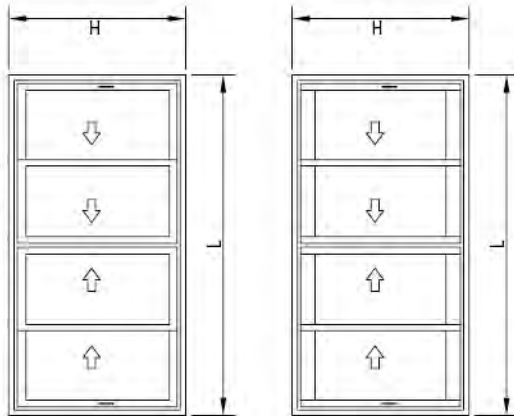
KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

2 - ray 2 - rail



KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

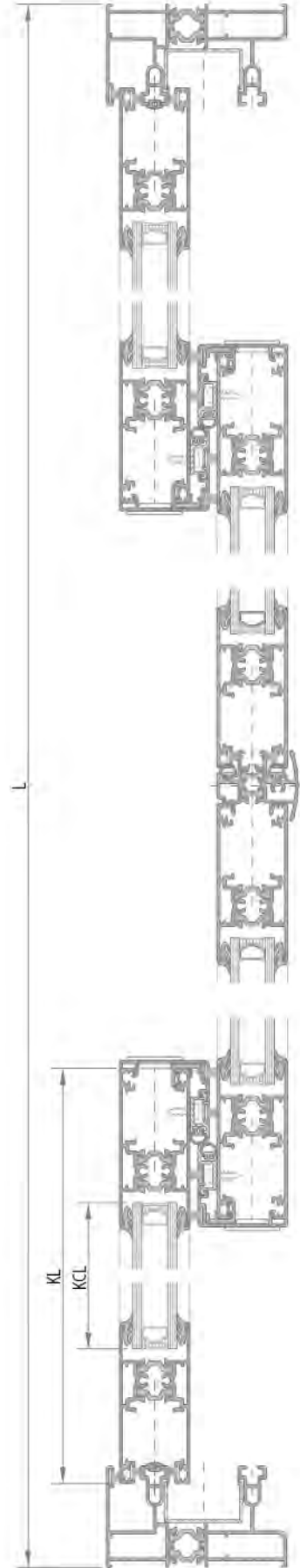
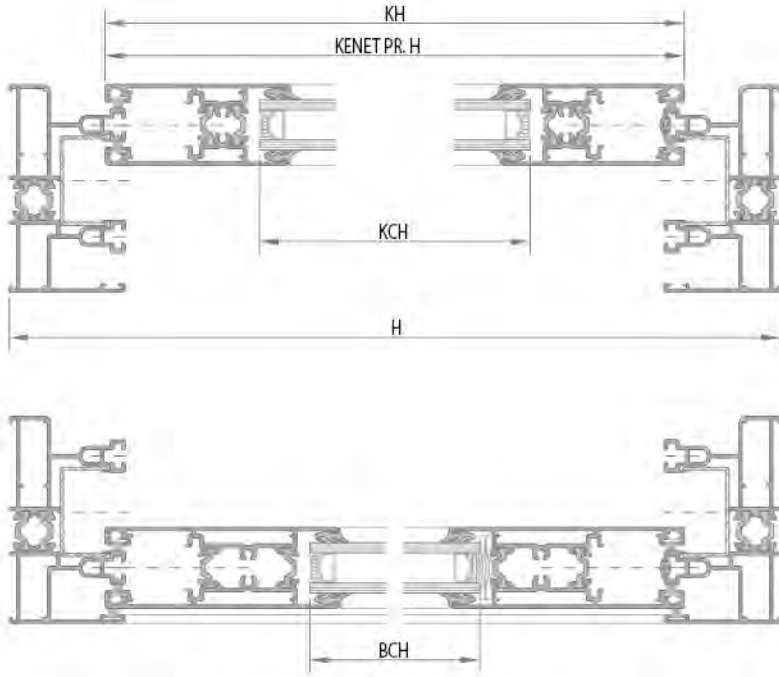
2 - ray 2 - rail



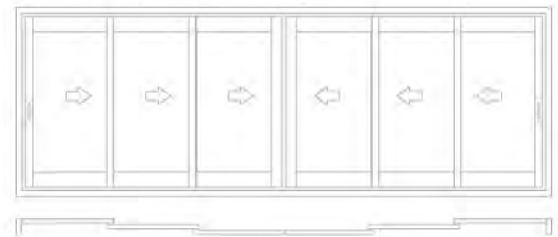
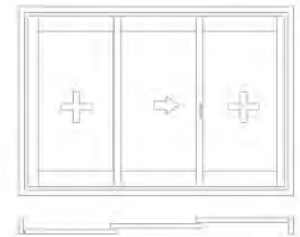
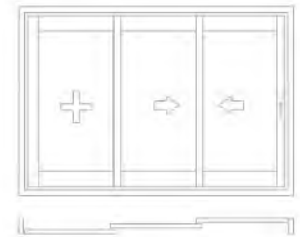
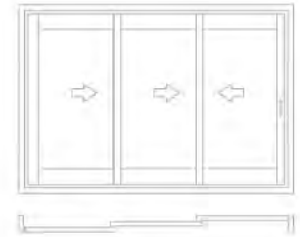
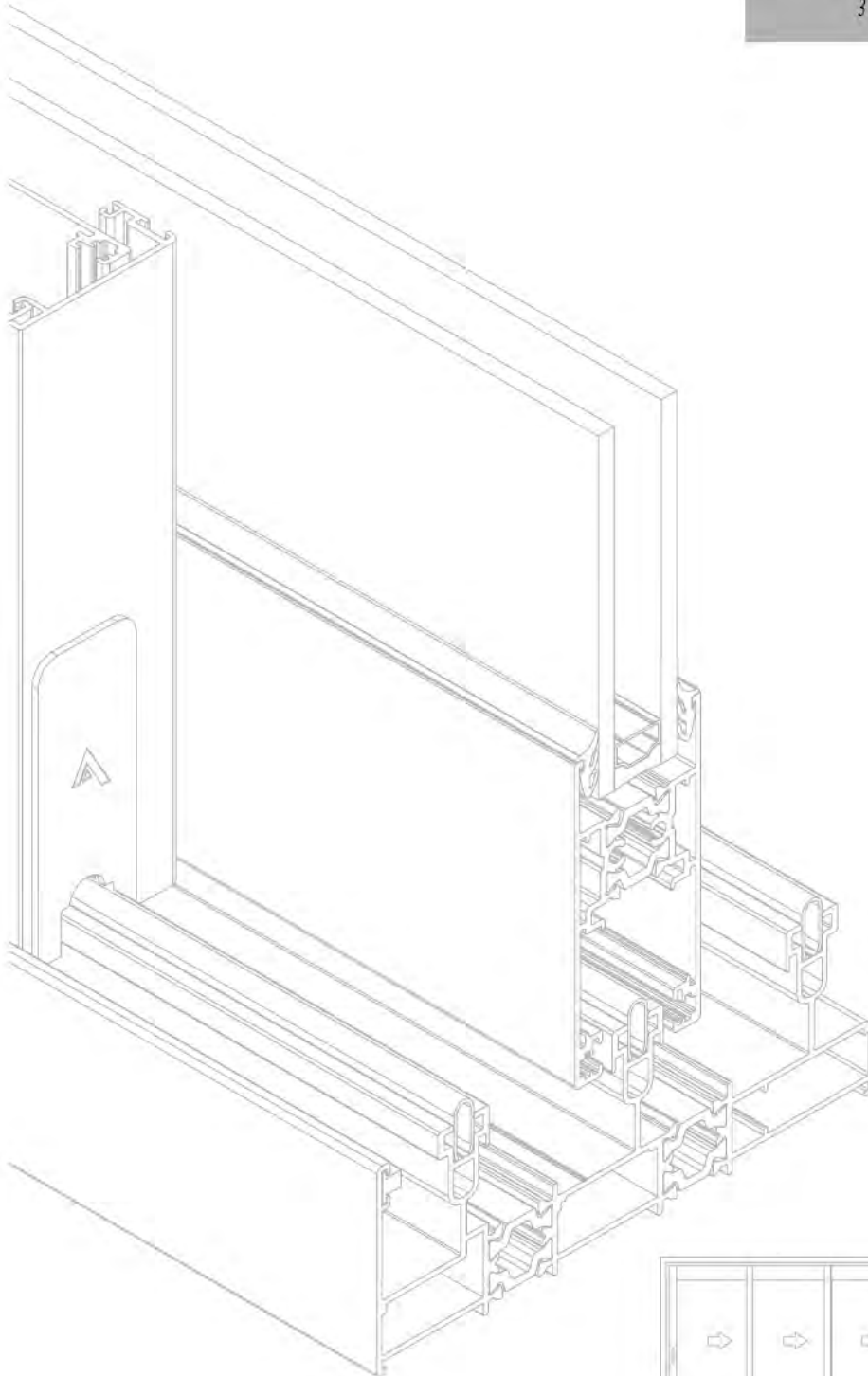
İmalat ve Kesim Planı
Cutting Dimensions

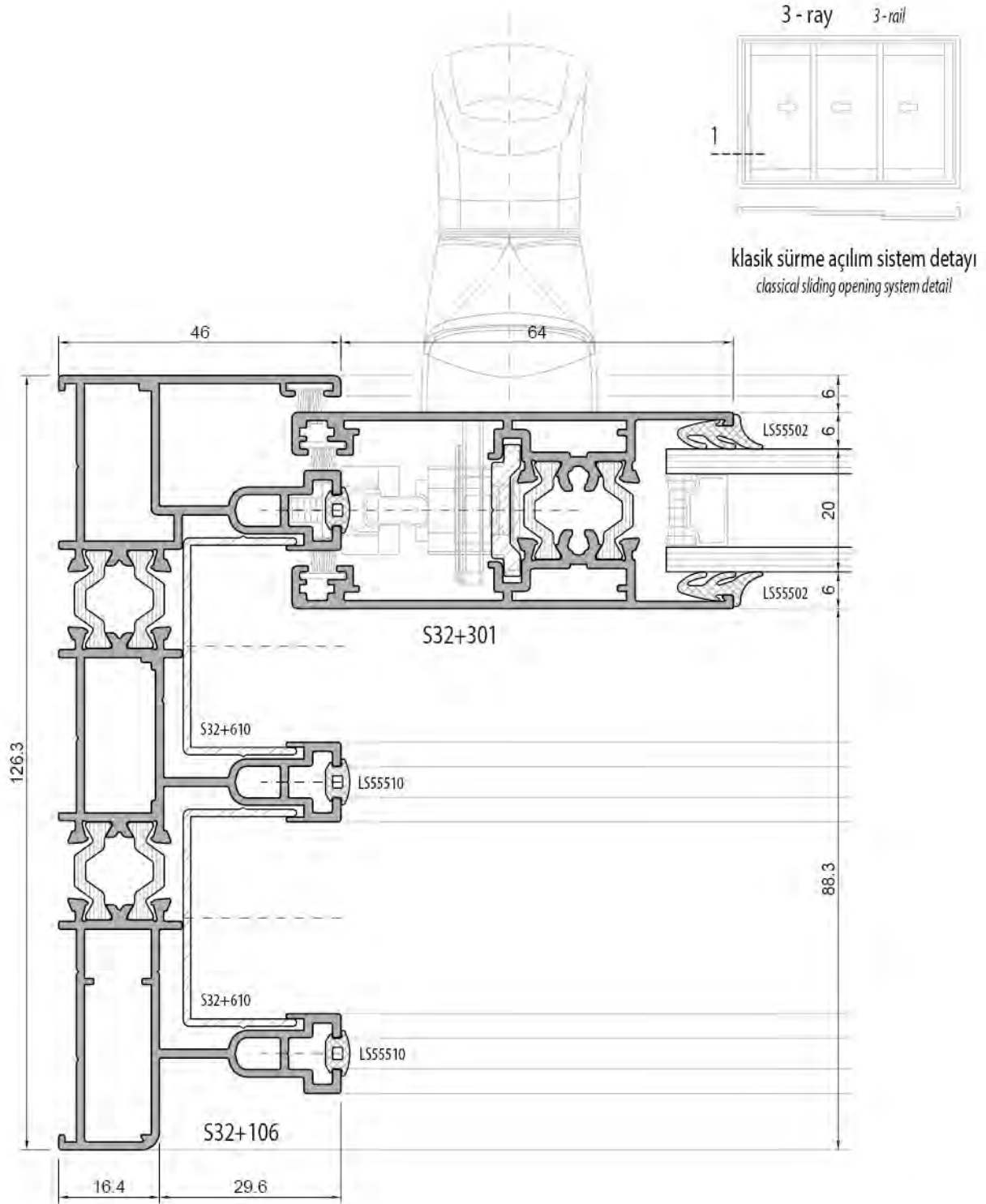
Sürme Eni sürme Yüksekliği	: L : H	
Kanat Eni	: KL	L/4 + 11
Baza Kanat Eni	: BKL	KL - 148
Kanat Yüksekliği	: KH	H - 76 (45° brl.) H - 80 (90° brl.)
Kanat Cam Eni	: KCL	L/4 - 111
Kanat Cam Yık.	: KCH	H - 198
Baza Kanat Cam Yık.	: BCH	H - 238
Kanat Çıta Eni	: K.Cıta L	KL - 112
Kanat Çıta Yık.	: K.Cıta H	KH - 144
Kenet Profili H	:	H - 76
Kenet Brl. H	:	H - 29

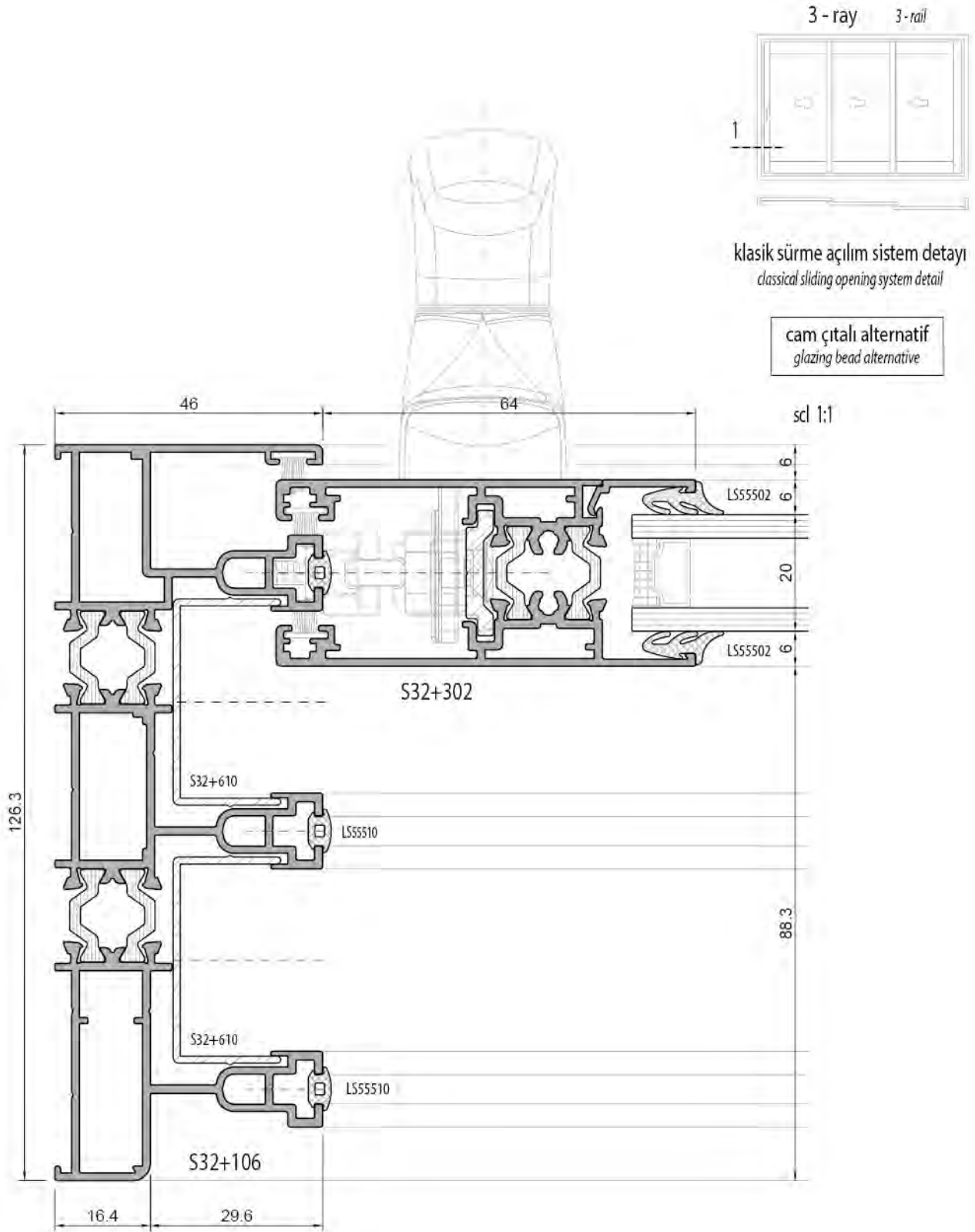
* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



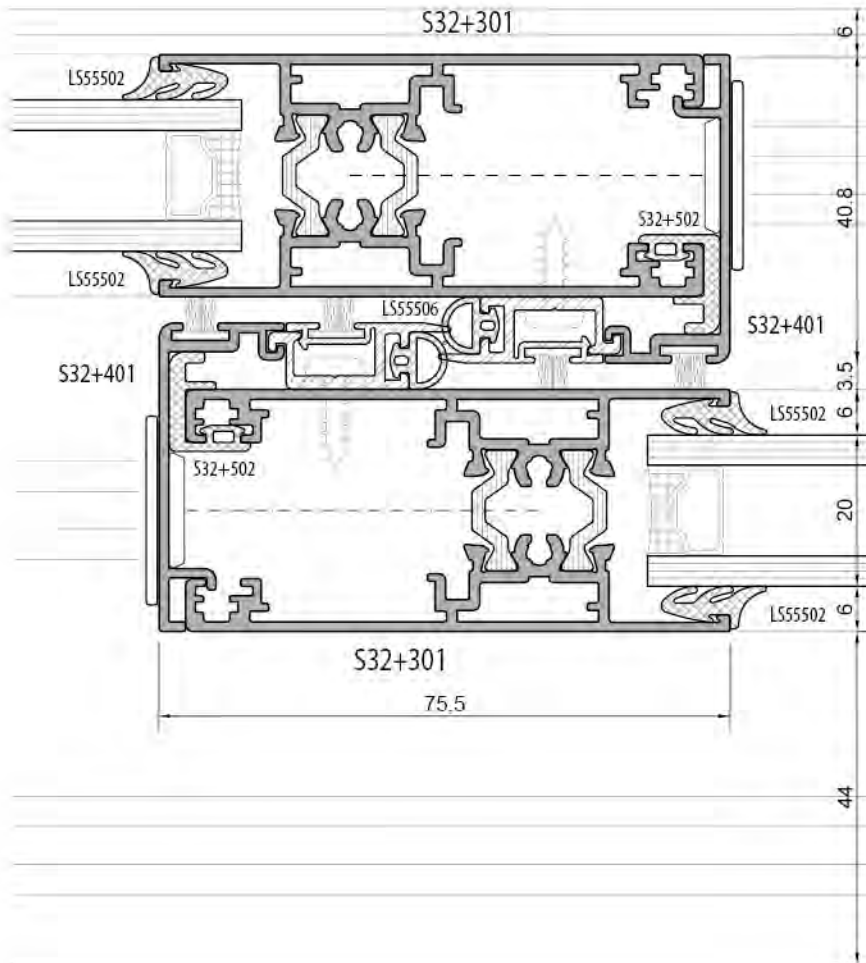
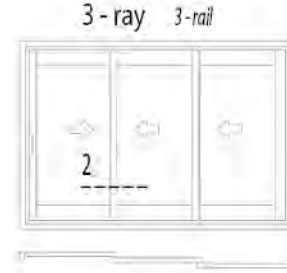
3 - RAY PROFİL SİSTEMİ
3 - RAIL PROFILE SYSTEM



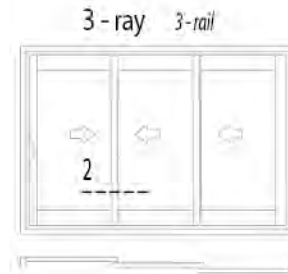




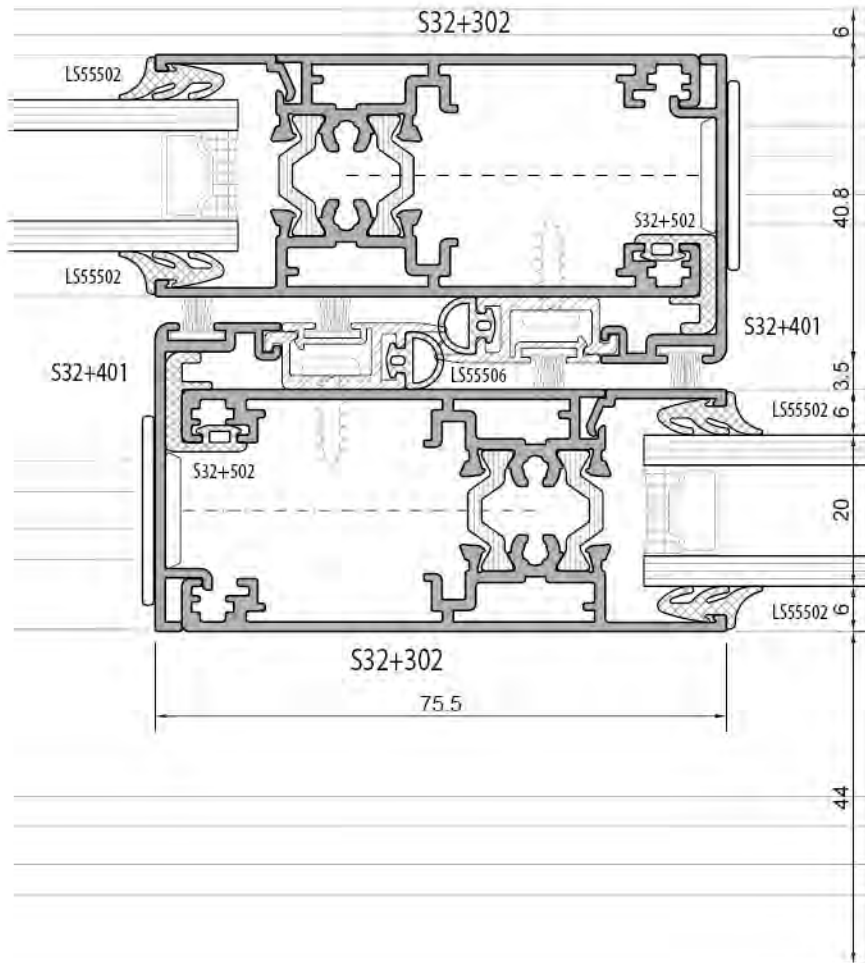
klasik sürme açılım sistem detayı
classical sliding opening system detail



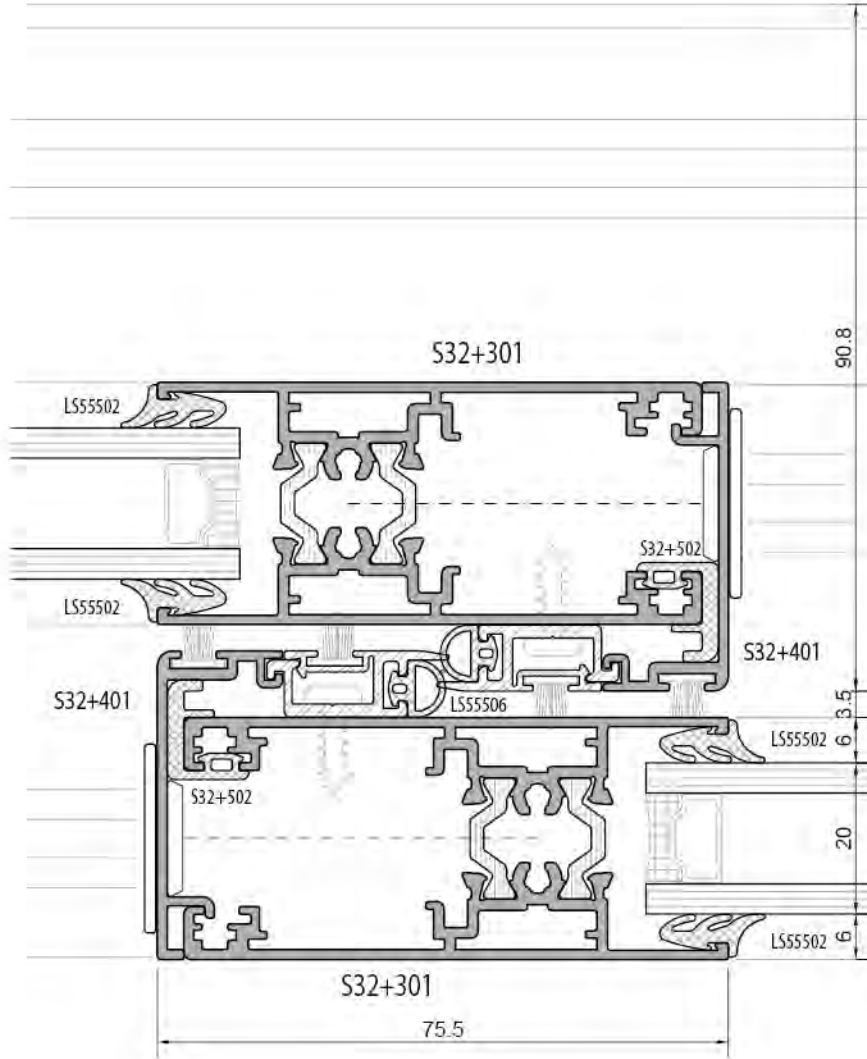
klasik sürme açılım sistem detayı
classical sliding opening system detail



cam çıtalı alternatif
glazing bead alternative

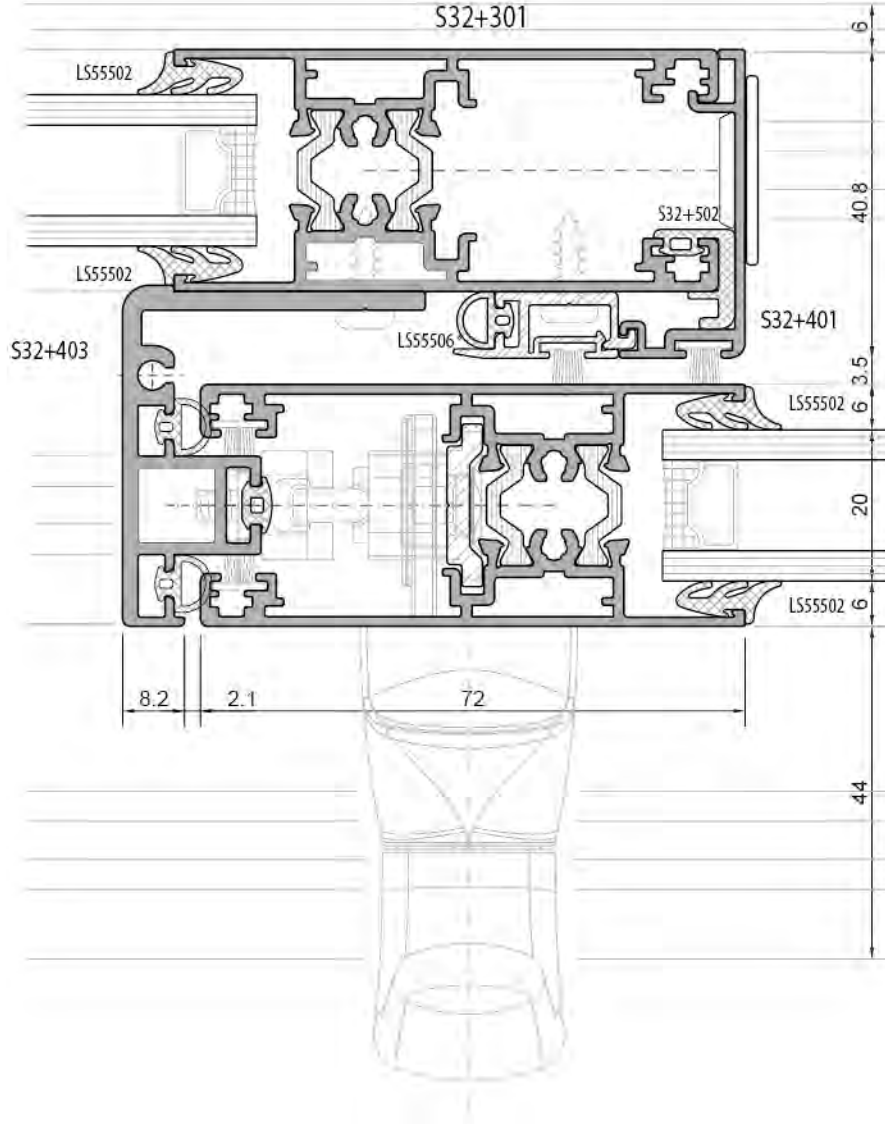
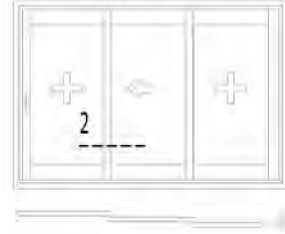


klasik sürme açılım sistem detayı
classical sliding opening system detail

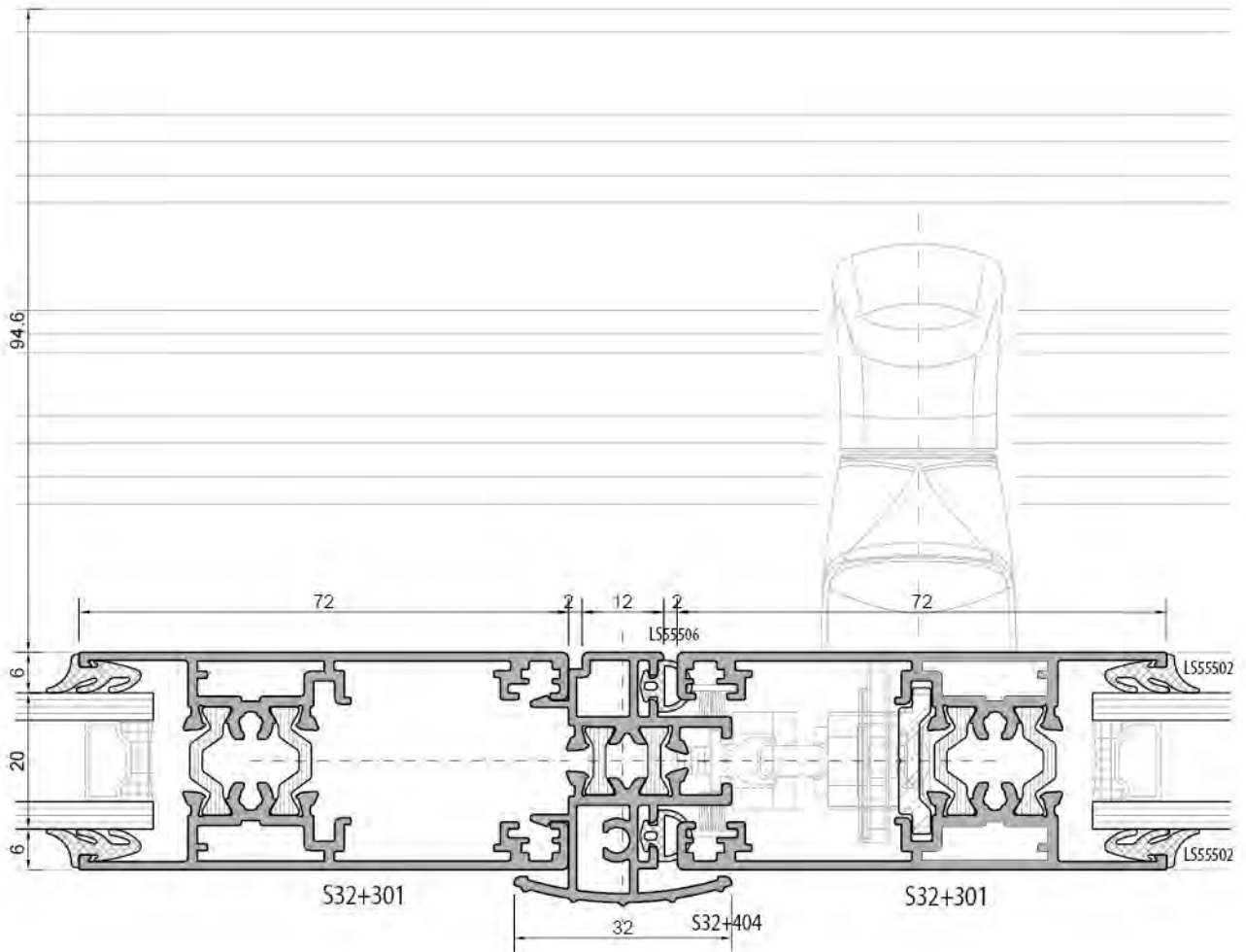
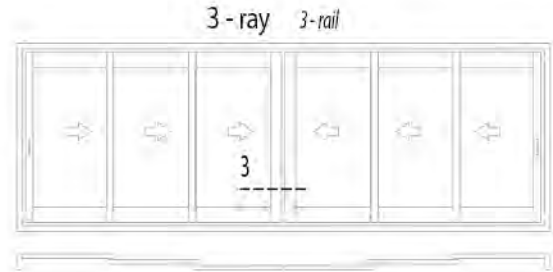


klasik sürme açılım sistem detayı
classical sliding opening system detail

3 - ray 3 - rail

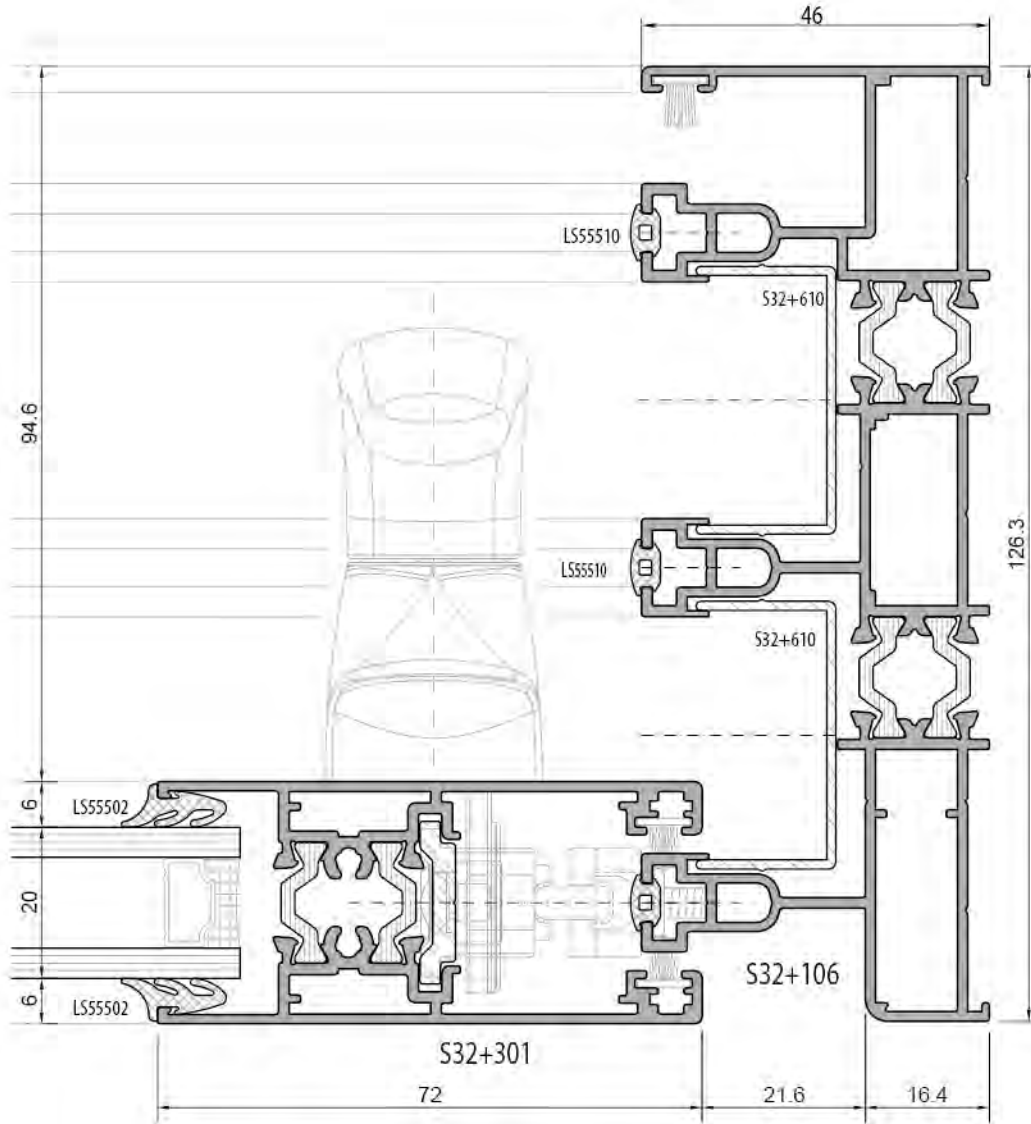
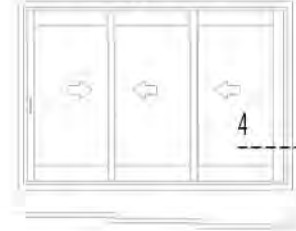


klasik sürme açılım sistem detayı
classical sliding opening system detail

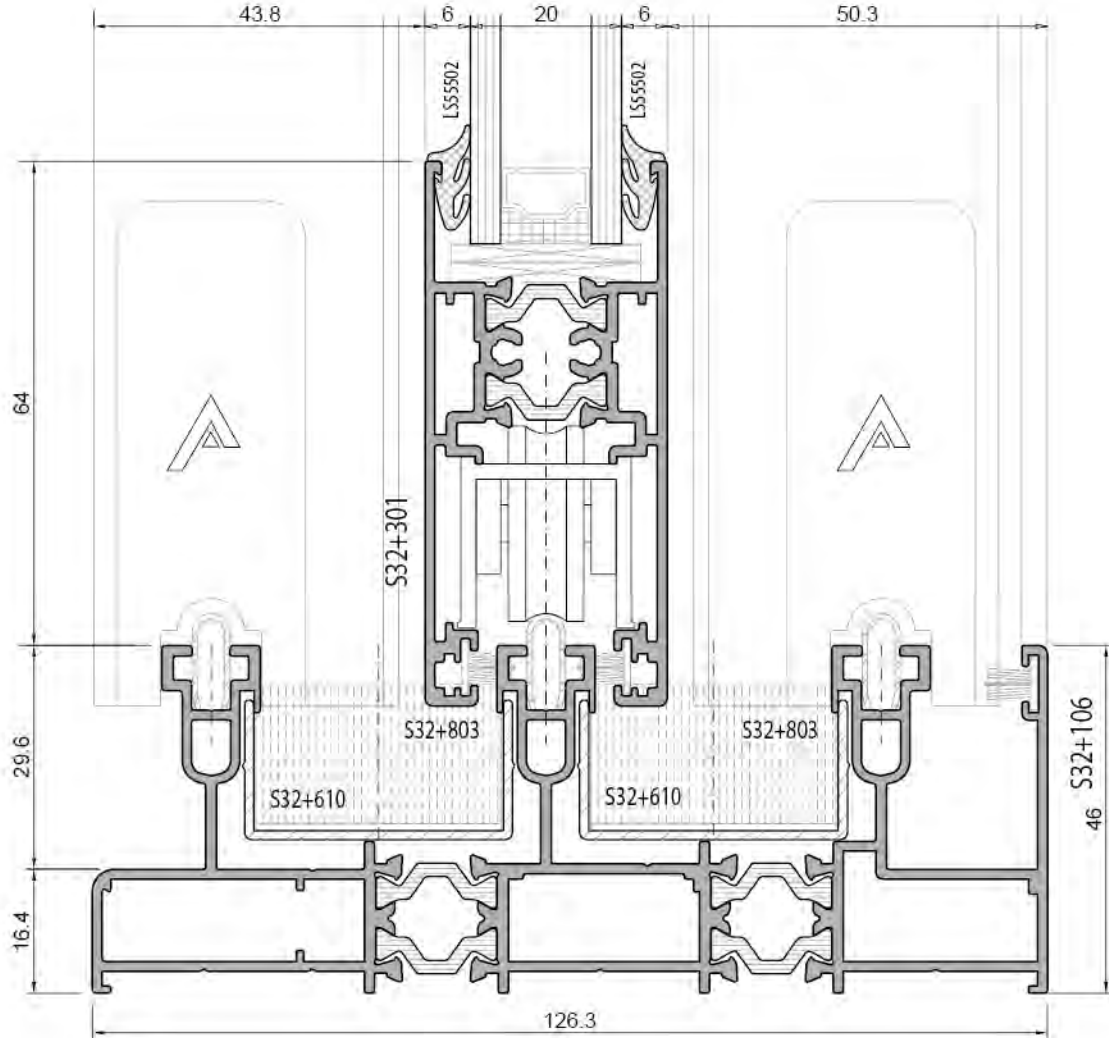
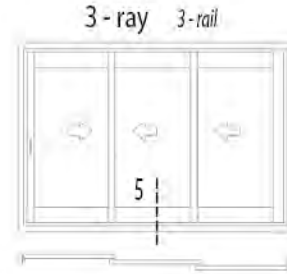


klasik sürme açılım sistem detayı
classical sliding opening system detail

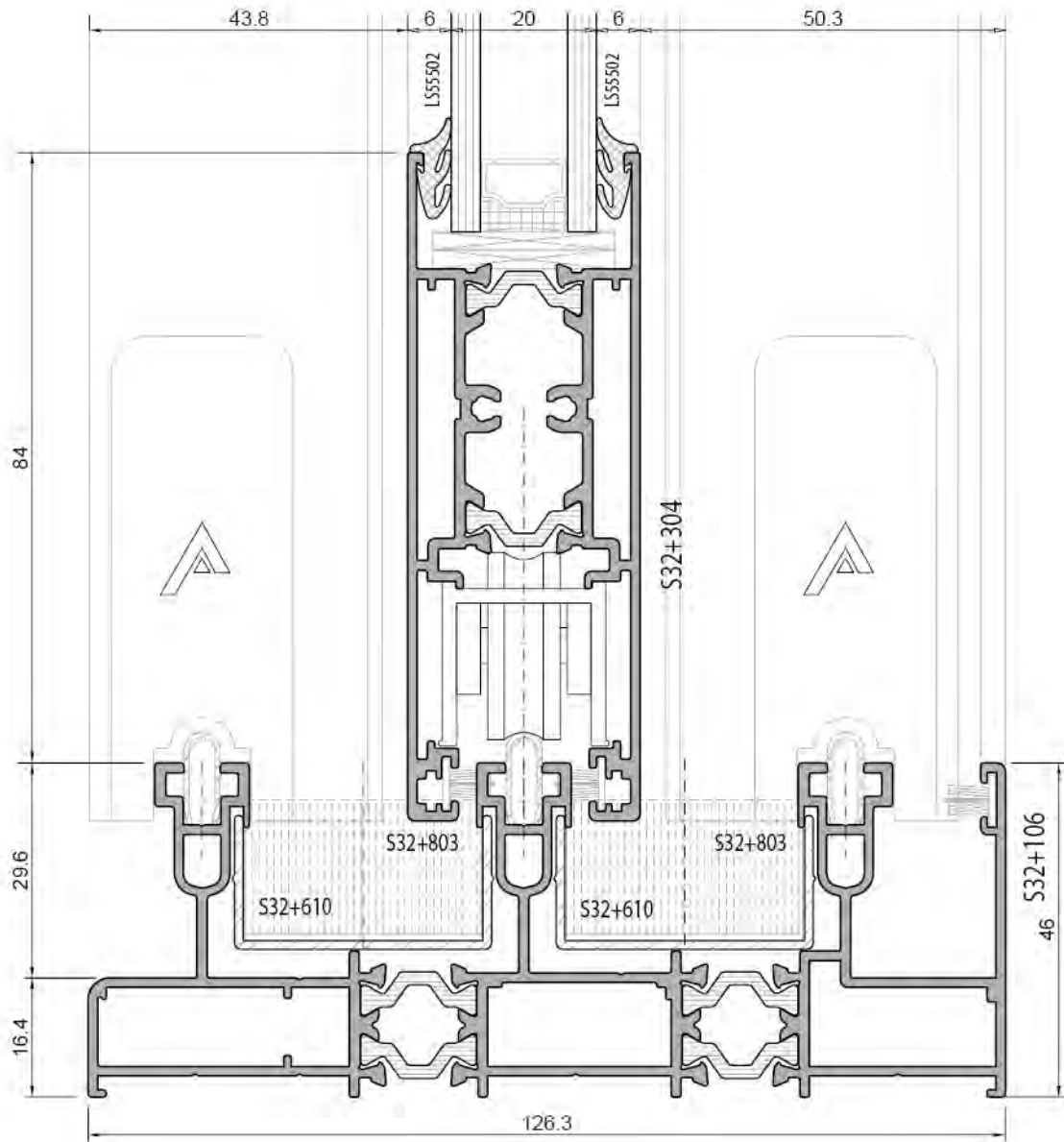
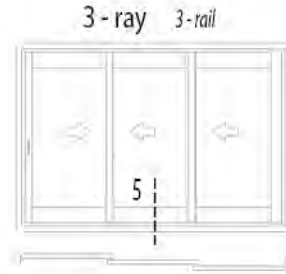
3 - ray 3 - rail



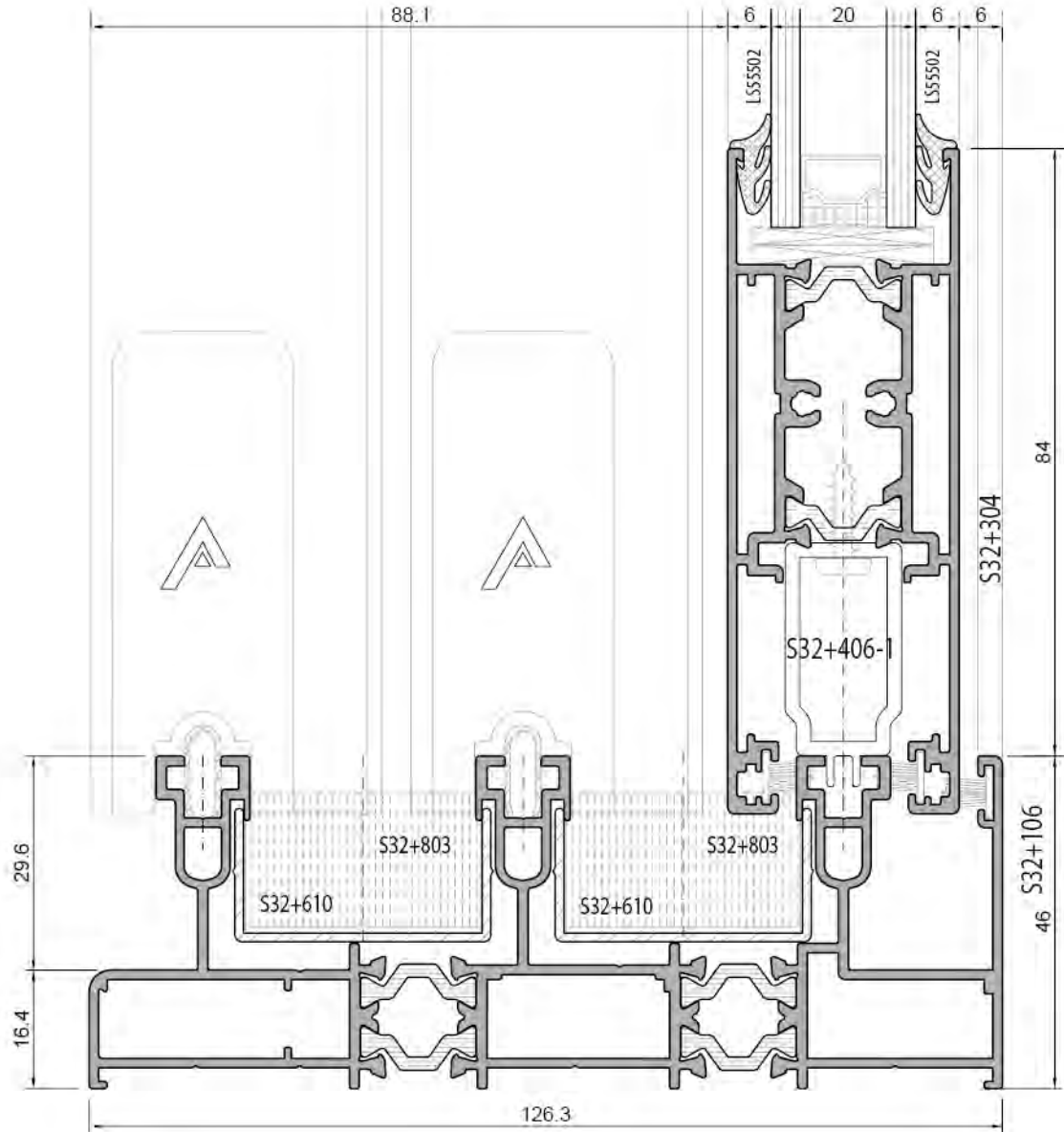
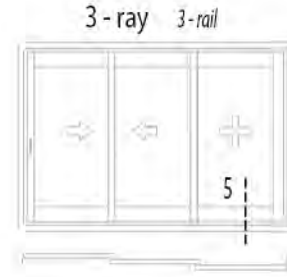
klasik sürme açılım sistem detayı
classical sliding opening system detail



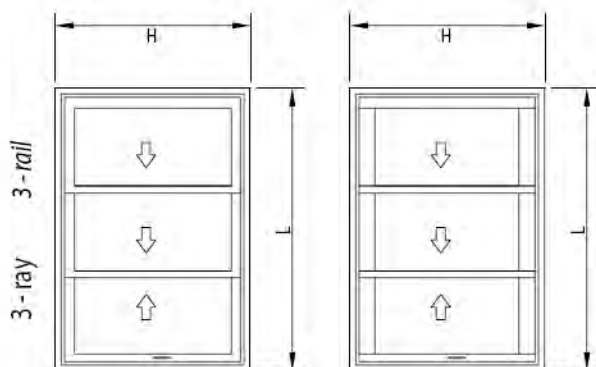
klasik sürme açılım sistem detayı
classical sliding opening system detail



klasik sürme açılım sistem detayı
classical sliding opening system detail



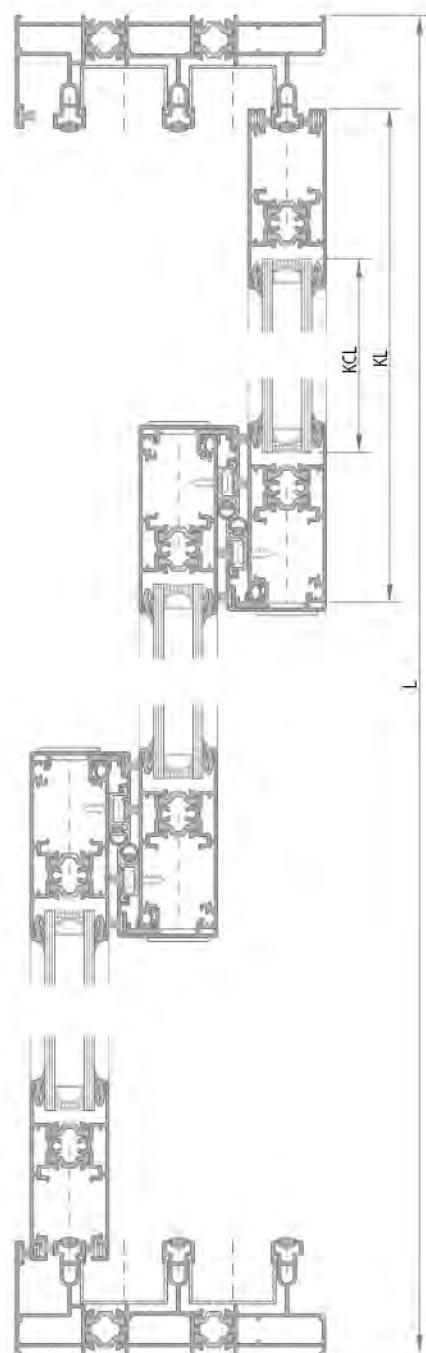
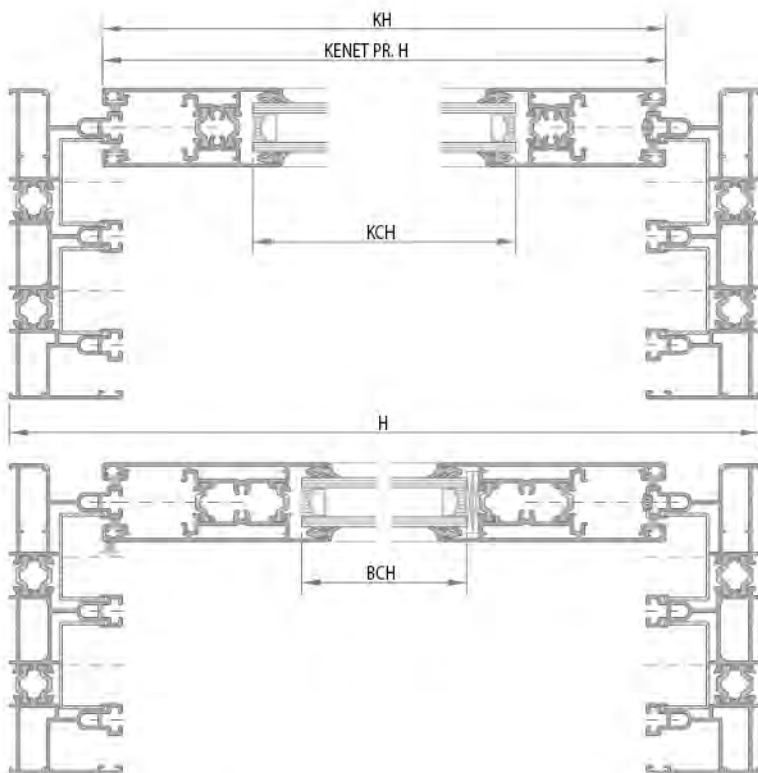
KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING



İmalat ve Kesim Planı
Cutting Dimensions

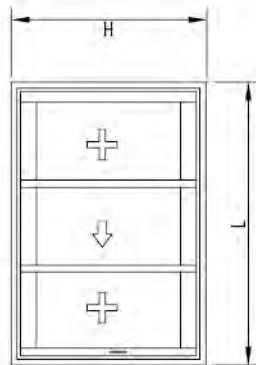
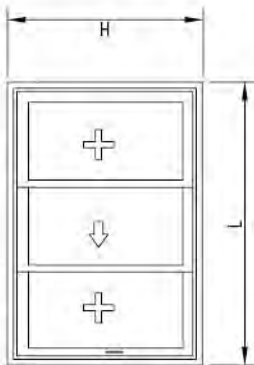
Sürme Eni	: L
sürme Yüksekliği	: H
Kanat Eni	: KL
Baza Kanat Eni	: BKL
Kanat Yüksekliği	: KH
	$L/3 + 20$ $KL - 148$ $H - 76$ (45° burl.) $H - 80$ (90° burl.)
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Baza Kanat Cam Yüksekliği	: BCH
	$L/3 - 102$ $H - 198$ $H - 238$
Kanat Çifta Eni	: $K^{C}ta L$
Kanat Çifta Yüksekliği	: $K^{C}ta H$
	$KL - 112$ $KH - 144$
Kanat Profil H	: $H - 76$

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



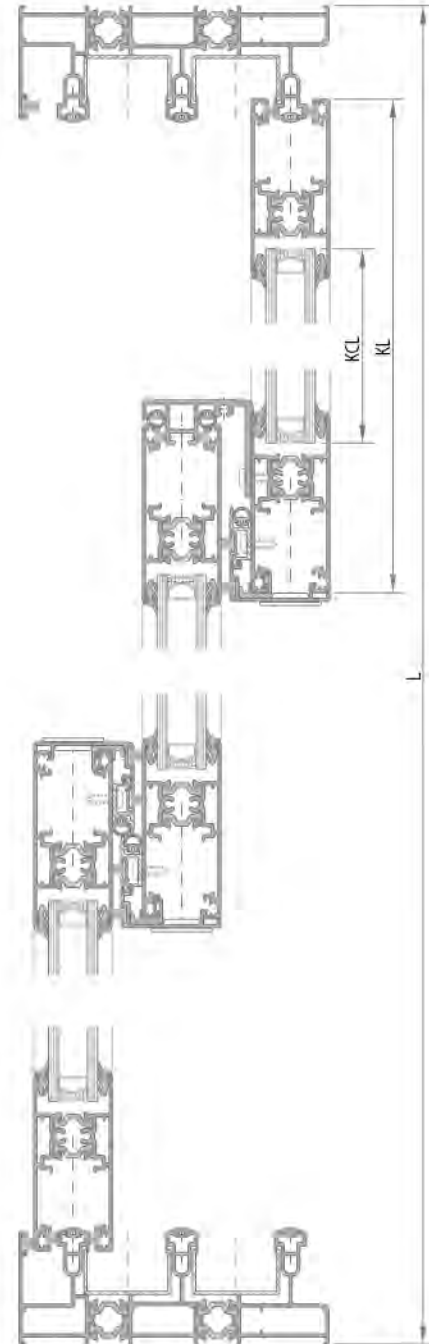
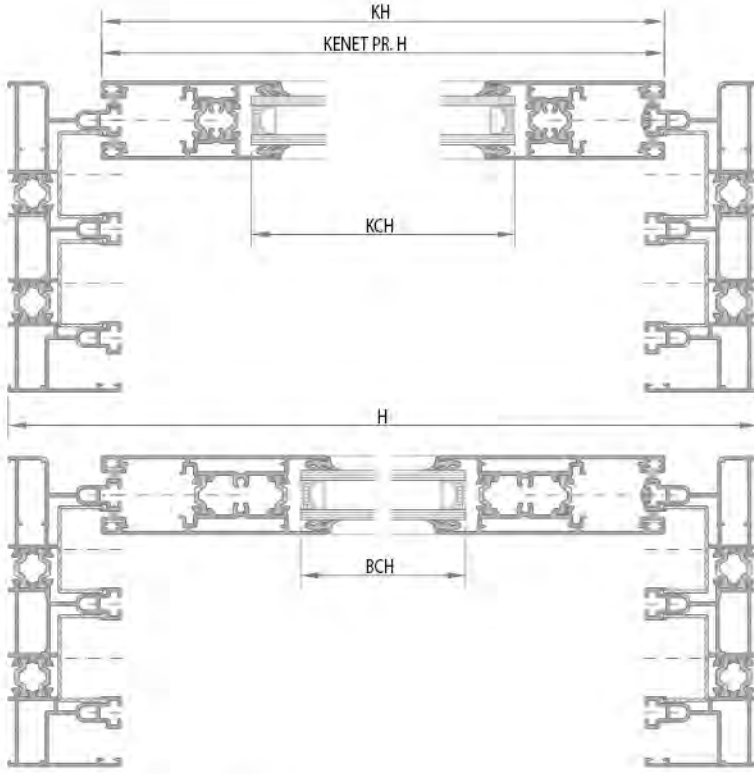
KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

3 - ray 3 - rail



İmalat ve Kesim Planı
Cutting Dimensions

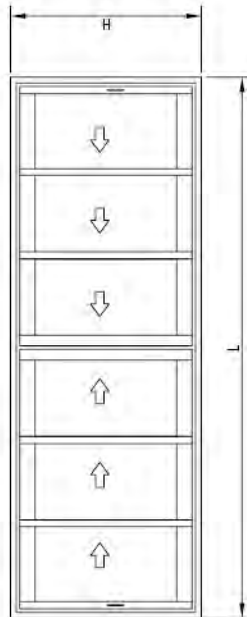
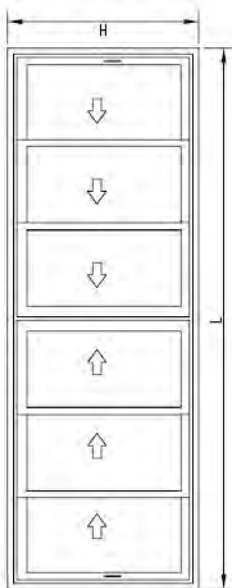
Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni	: KL
Baza Kanat Eni	: BKL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Baza Kanat Cam Yüksekliği	: BCH
Kanat Çita Eni	: K.Cita L
Kanat Çita Yüksekliği	: K.Cita H
Kanat Profili H	: H - 76
Sabit Kanat Kenet Pr. H	: H - 43



* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

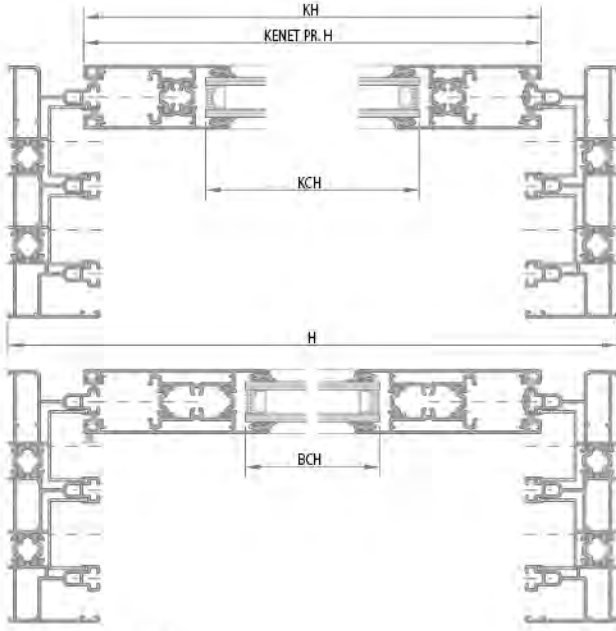
KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

3 - ray 3 - rail

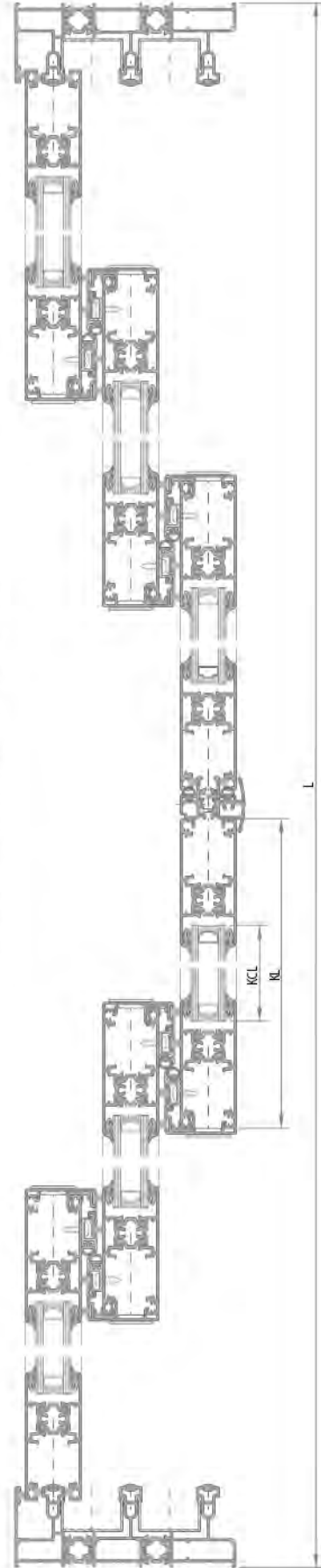


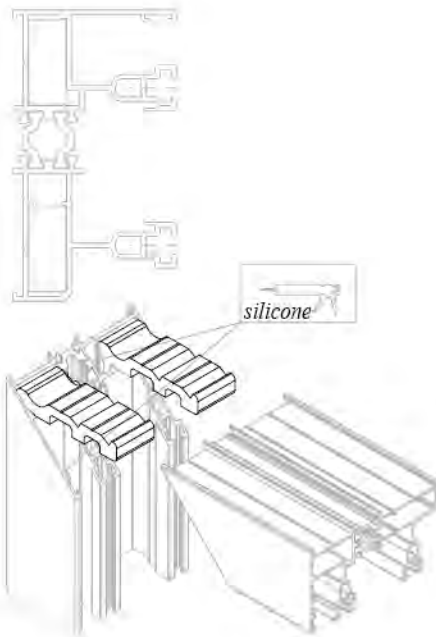
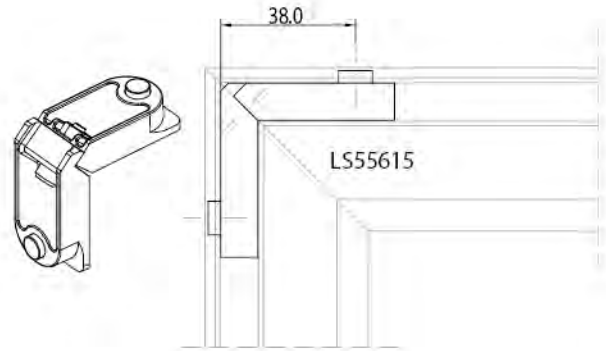
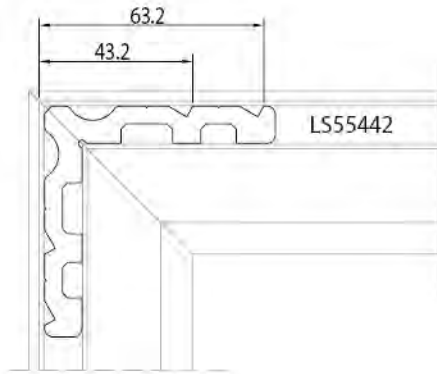
İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni	: L
Sürme Yüksekliği	: H
Kanal Eni	: KL
Baza Kanal Eni	: BKL
Kanal Yüksekliği	: KH
Kanal Cam Eni	: KCL
Kanal Cam Yüksekliği	: KCH
Baza Kanal Cam Yüksekliği	: BCH
Kanal Çıta Eni	: KÇta L
Kanal Çıta Yüksekliği	: KÇta H
Kanal Profil H	: H - 76
Kanal Birleşim Adap. H	: KH - 29

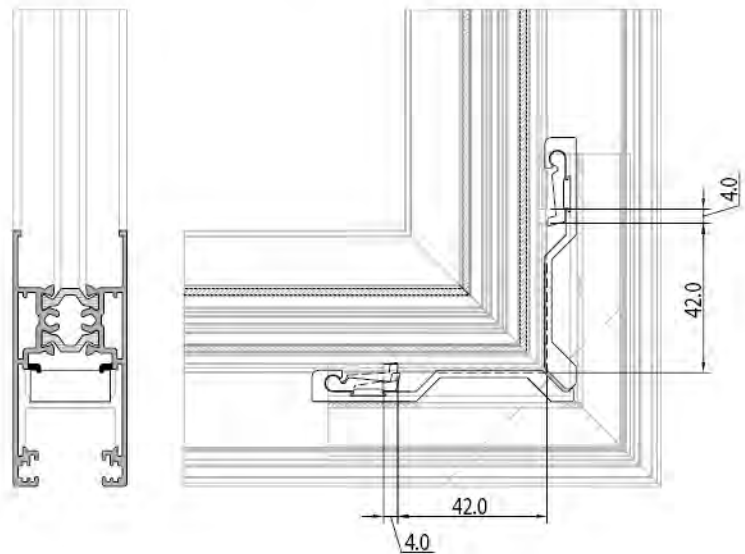
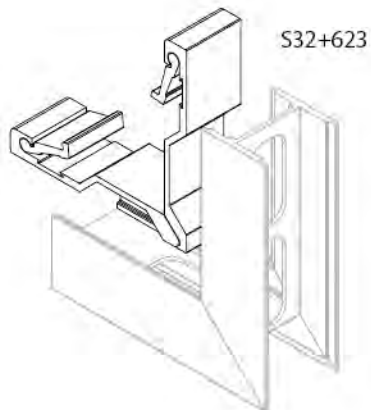
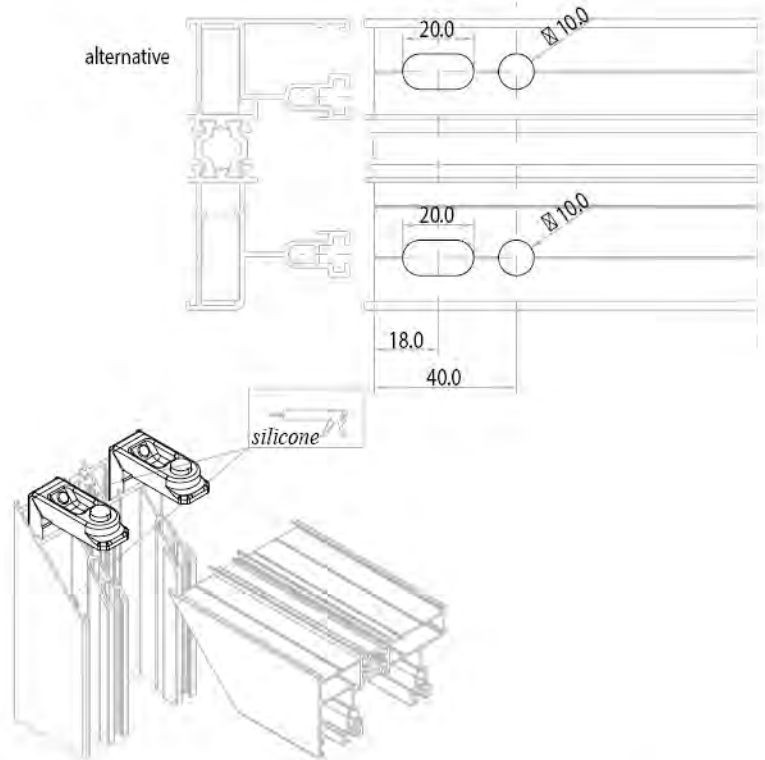


* Hexap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

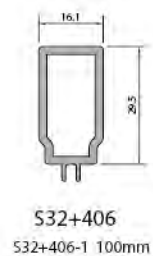


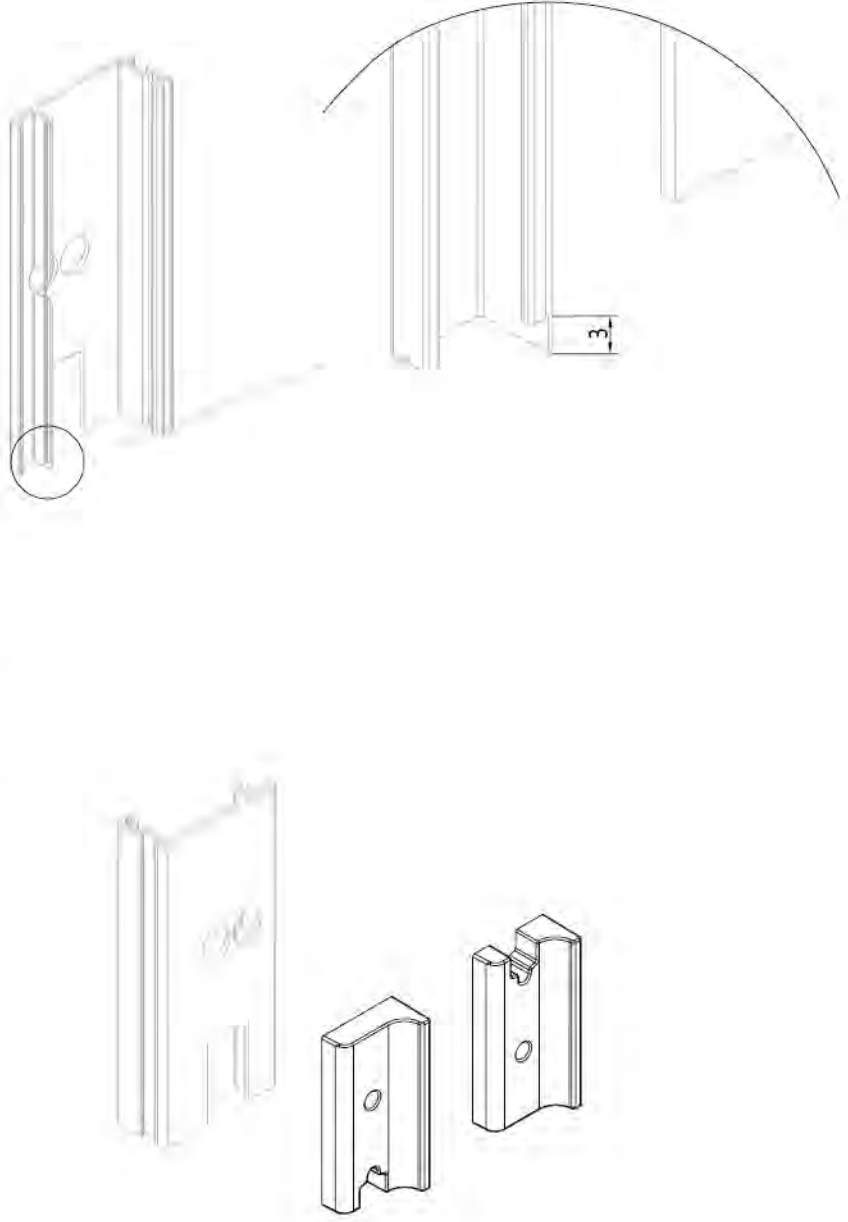
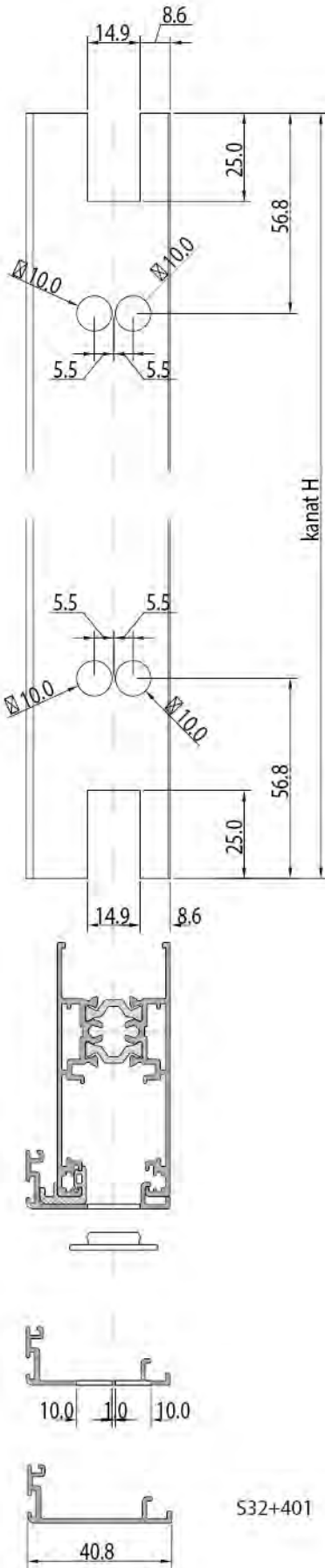


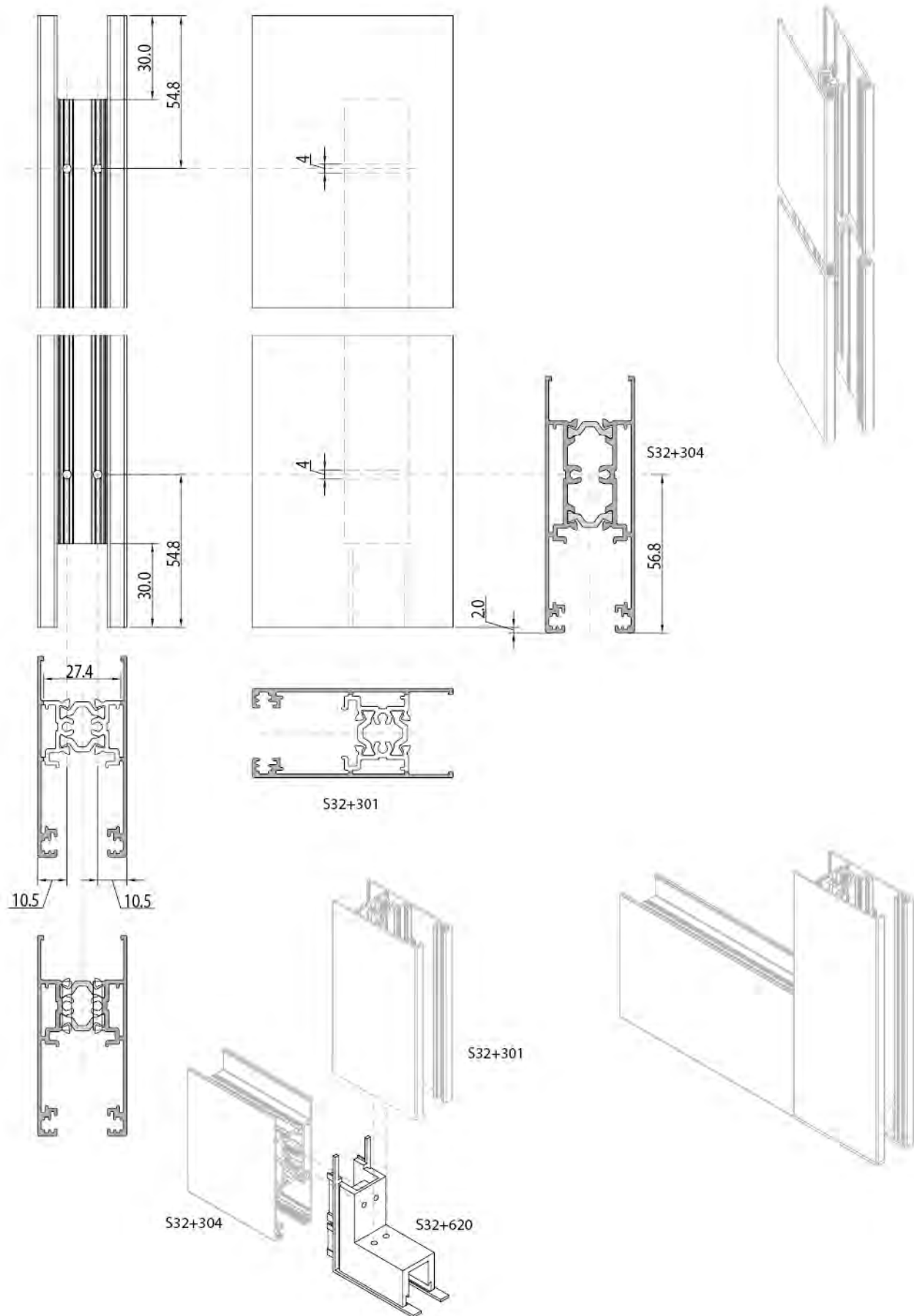
alternative

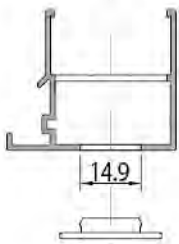
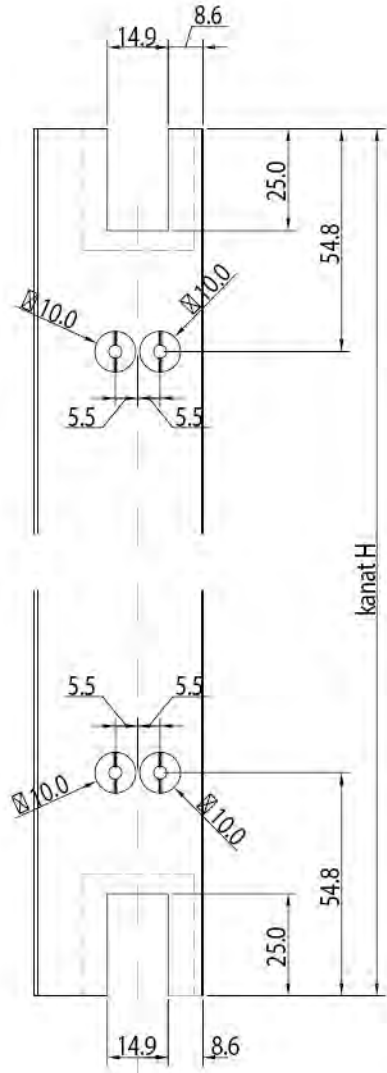


KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS

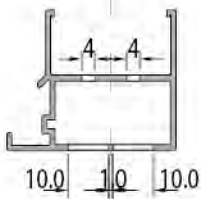




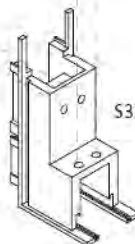




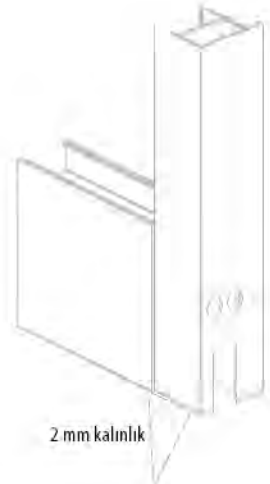
S32+303



S32+304

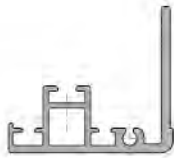
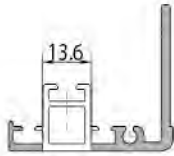
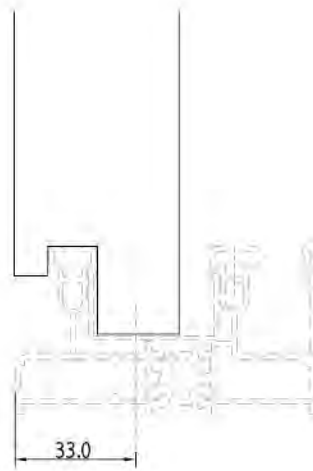
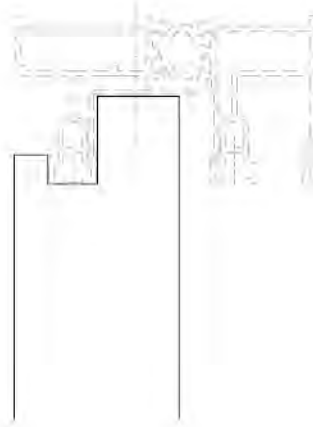
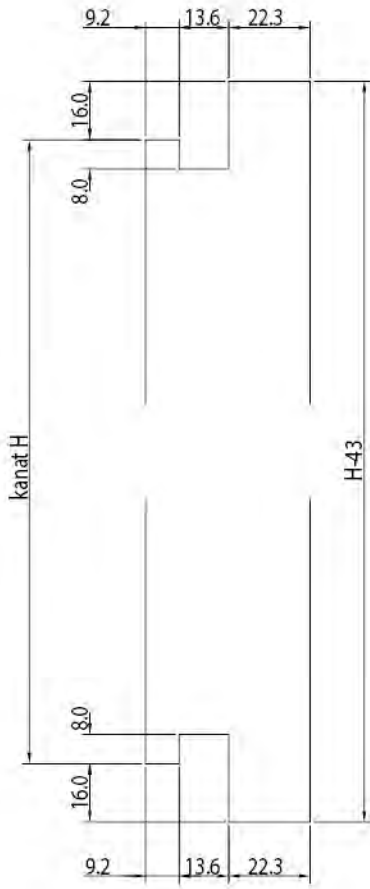


S32+621

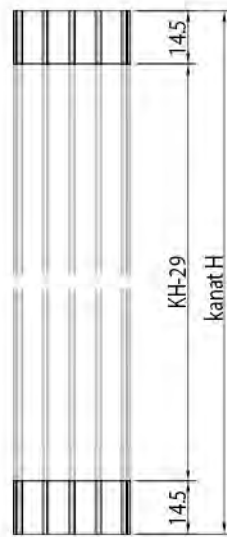
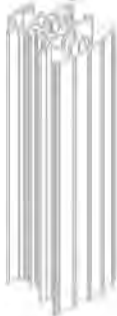


2 mm kalınlık

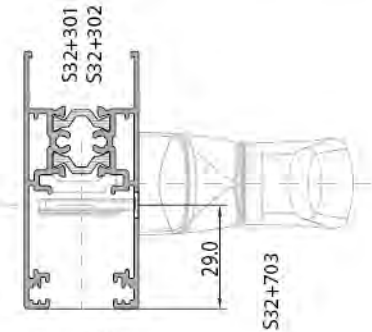
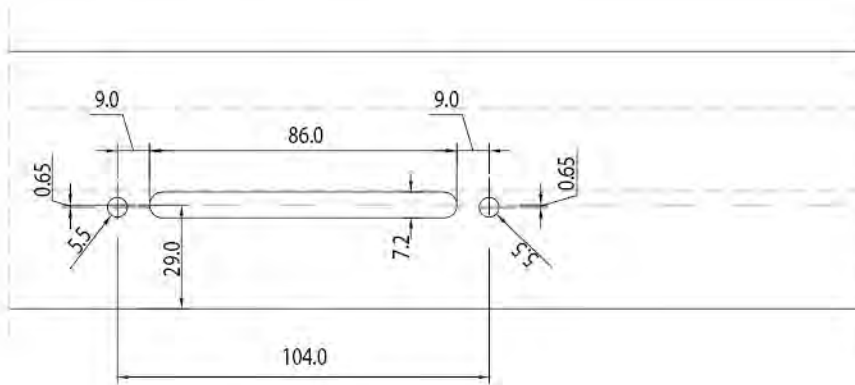
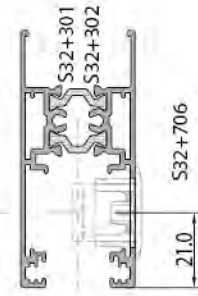
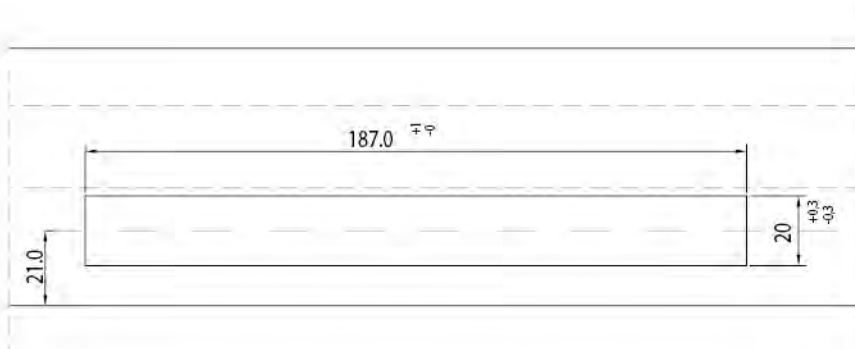
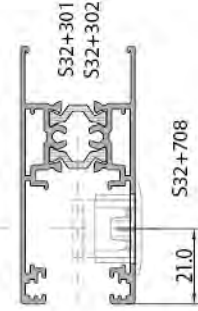
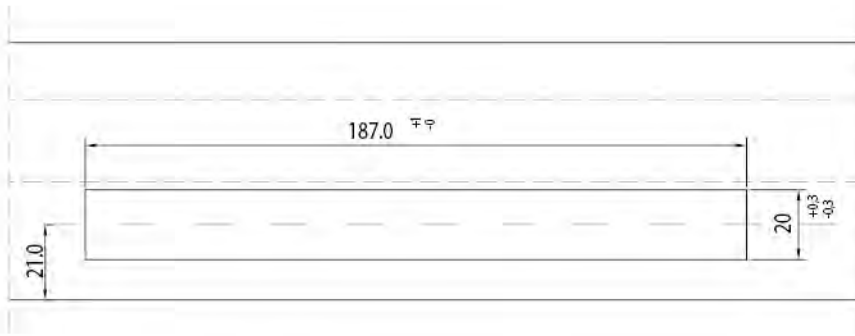
S32+303



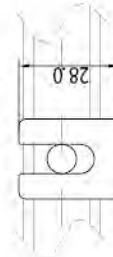
S32+403

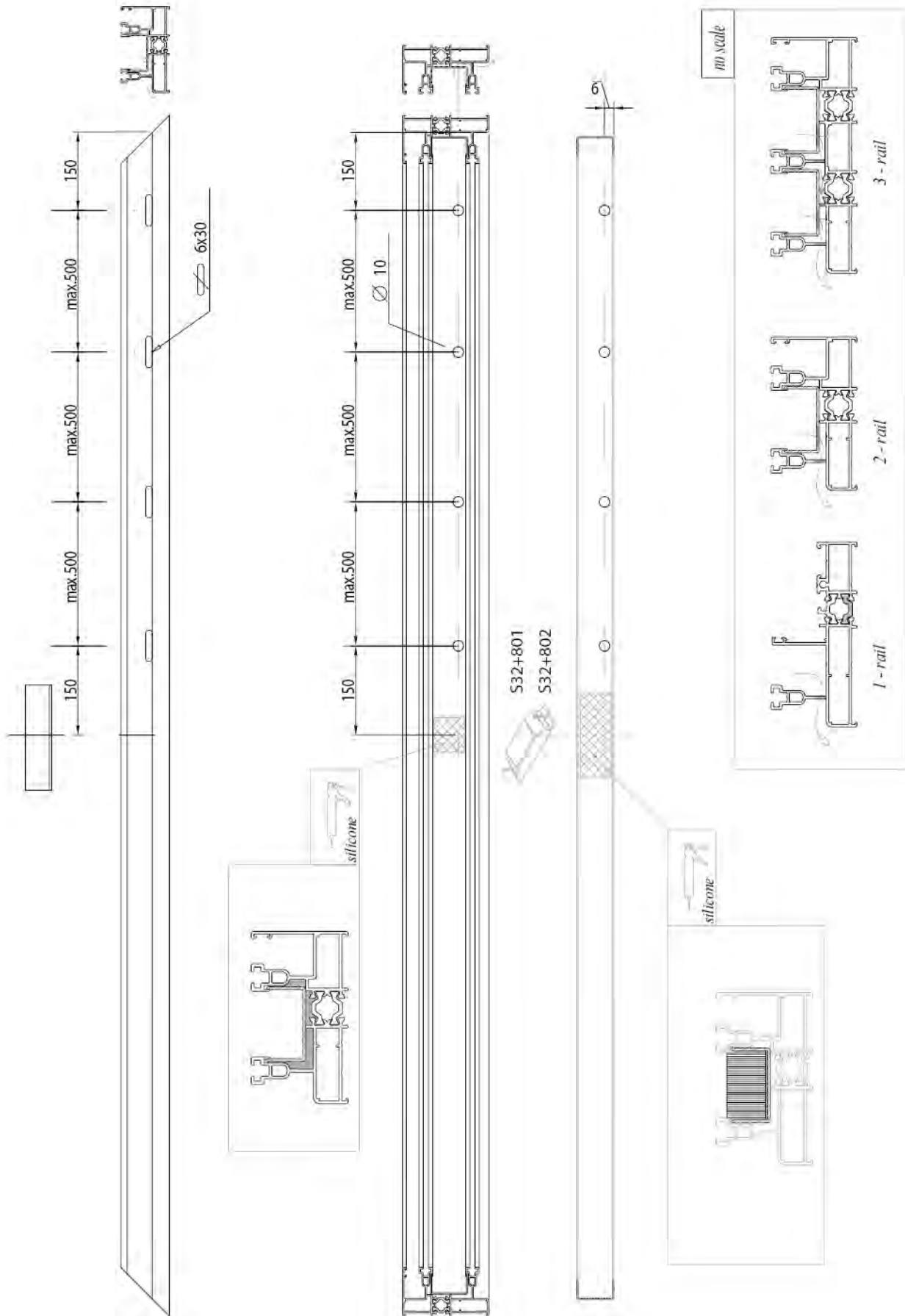


S32+404

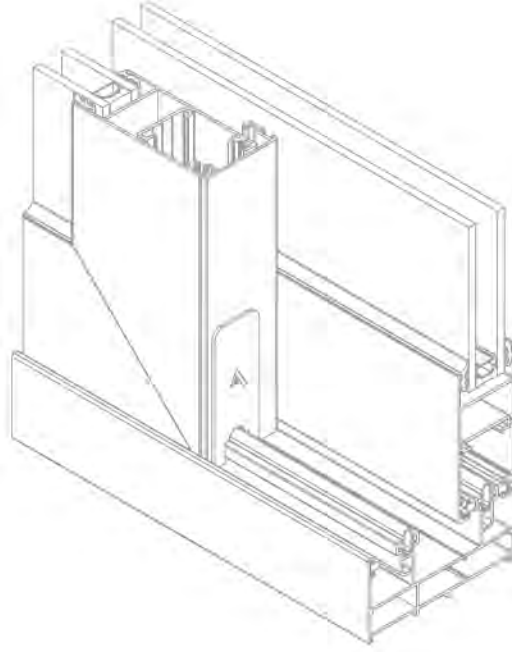


02403 L 28mm





**S
3
2**



KLASİK SÜRME SİSTEM 100 KG SERİ (32) CLASSICAL SLIDING SYSTEM 100 KG SERIES (32)	S32	KASA	FRAME	100	S32 SİSTEM 100 GRUP PR NO
		ORTA KAYIT	MULLION	200	
		KANAT	SASH	300	
		ADAPTÖR, BAĞL. PR.	ADAPTER	400	
		EPDM GRUP	EPDM GROUP	500	
		PVC GRUP	PVC GROUP	600	
		AÇILIM GRUP	OPENING GROUP	700	
		YALITIM GRUP	INSULATED GROUP	800	

PROFİL ET KALINLIĞI	PROFILE THICKNESS	1.3-1,4 mm
KASA YÜKSEKLİĞİ	FRAME HEIGHT	46 mm
KANAT YÜKSEKLİĞİ	SASH HEIGHT	32 mm
CAM KALINLIĞI	GLASS THICKNESS	4-24 mm

ALAŞIM ÖZELLİKLERİ
ALLOY PROPERTIES

EN AW 6060 (AlMgSi0,5 F22)
EN AW 6063 (AlMg0,7Si F22)

ÜRETİM VE MEKANİK STANDARTLAR
PRODUCTION AND MECHANICAL STANDARDS

EN 12020-2 EN 755-9 EN 755-2



Köşe takoz profili
Corner cleat profile



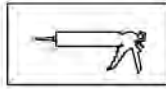
Köşe bağlantı
Corner connection



Köşe onbaşı
Corner cleat



Yatay sayfa
Page horizontal

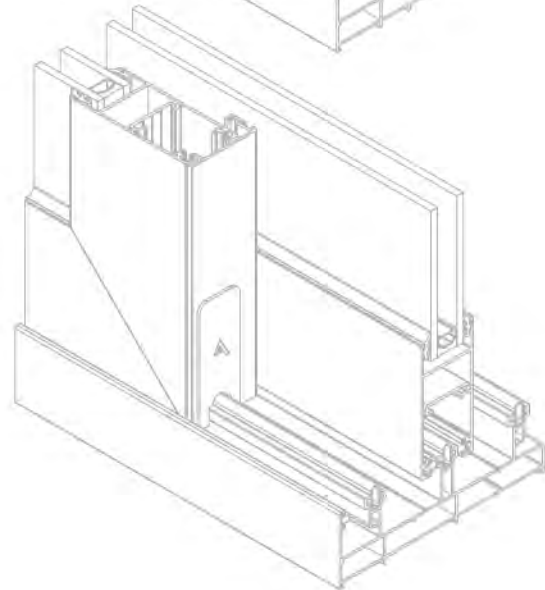
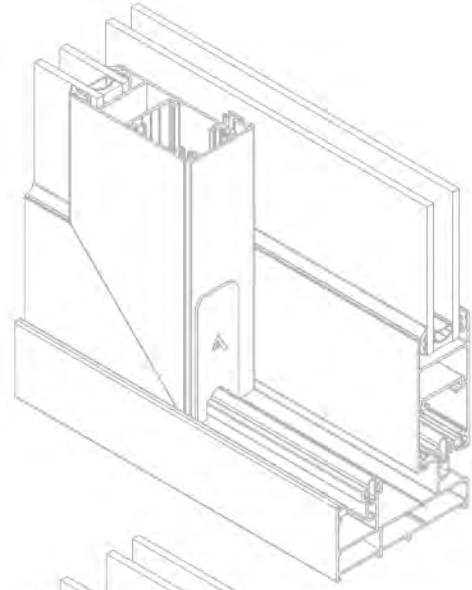
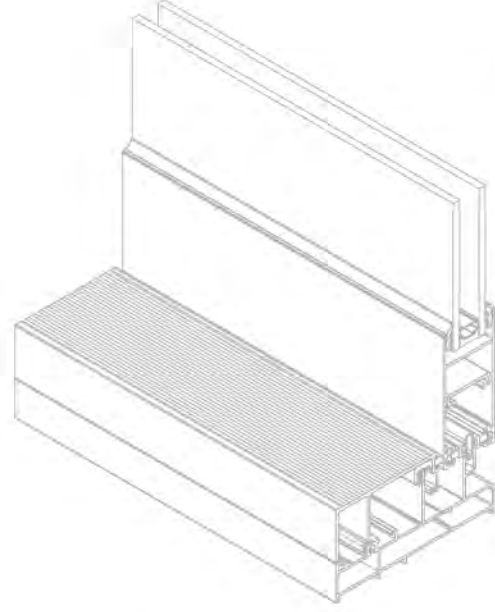


Silikon
Silicone



Dikkat
Attention

KLASİK SÜRME AÇILIM TİPLERİ CLASSICAL TYPES OF SLIDING OPENING



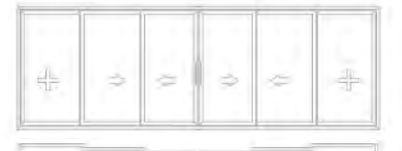
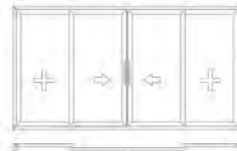
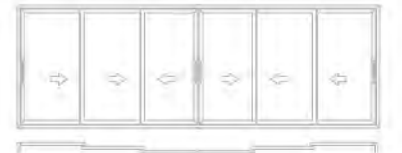
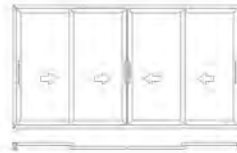
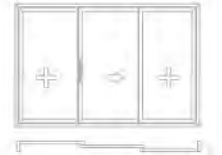
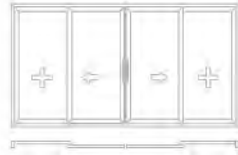
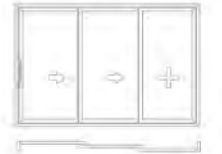
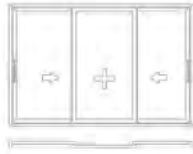
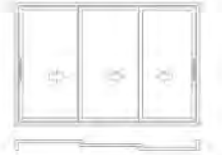
1 - ray 1 - rail

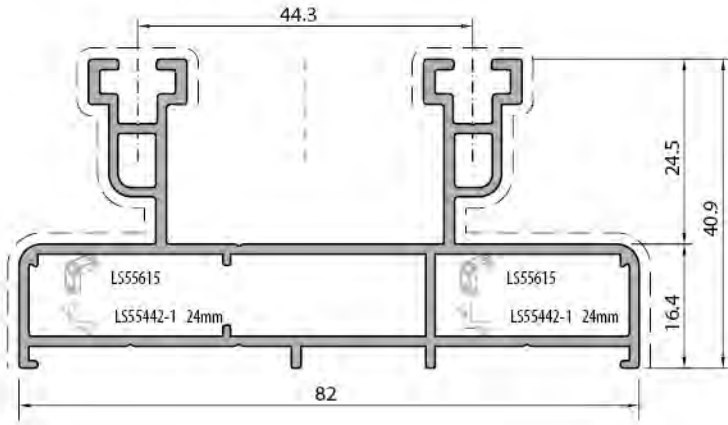


2 - ray 2 - rail

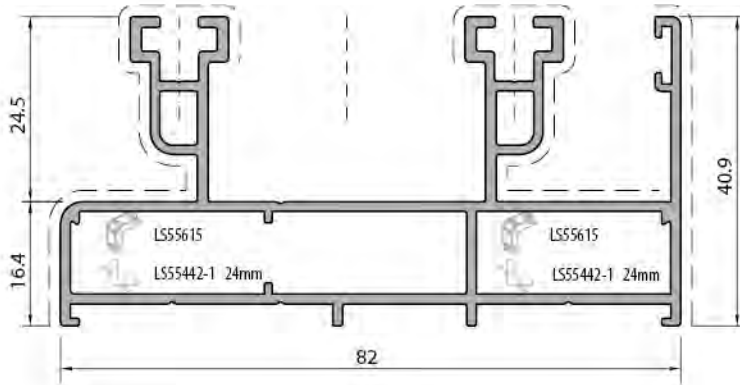


3 - ray 3 - rail

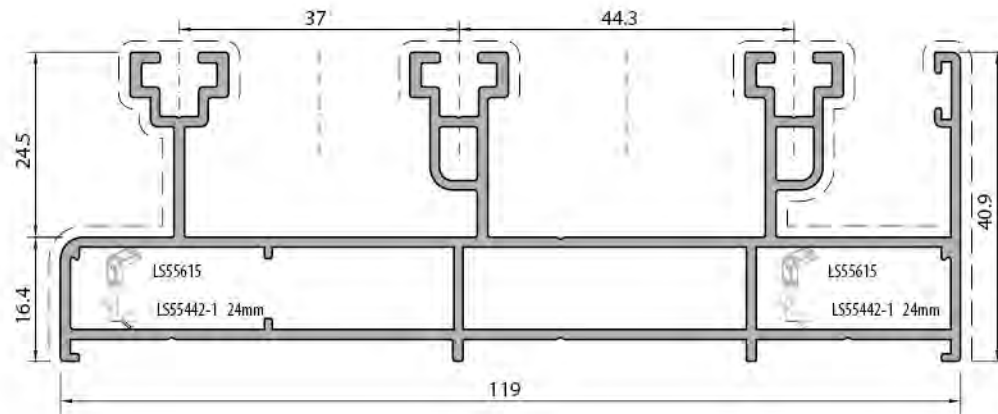




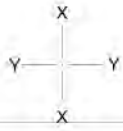
İki Raylı Profil Two rail profile	
S32101	
Weight :	1,185 kg/m
I _x :	26,59 cm ⁴
I _y :	6,63 cm ⁴
W _x :	6,36 cm ³
W _y :	2,78 cm ³



İki Raylı Profil Two rail profile	
S32102	
Weight :	1,298 kg/m
I _x :	32,71 cm ⁴
I _y :	7,40 cm ⁴
W _x :	7,50 cm ³
W _y :	3,28 cm ³

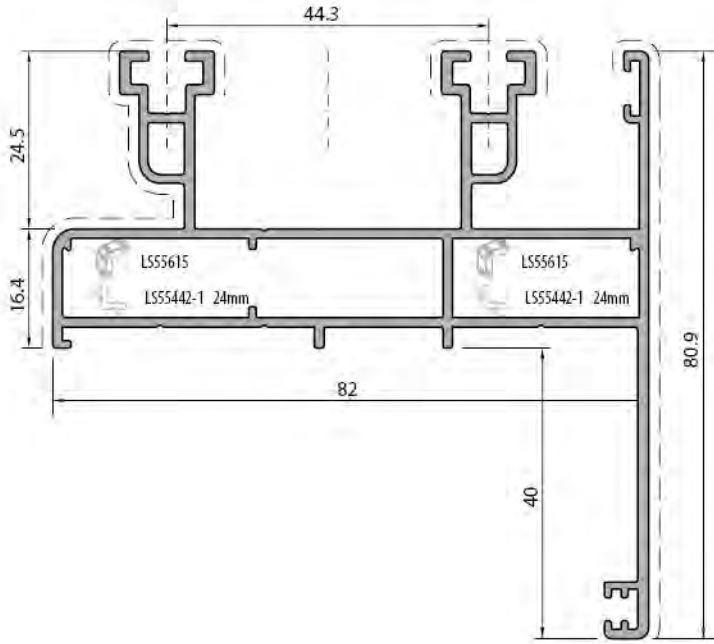


İki Raylı Sineklik Profil Two rail fly screen profile	
S32103	
Weight :	1,774 kg/m
I _x :	89,55 cm ⁴
I _y :	10,22 cm ⁴
W _x :	14,22 cm ³
W _y :	4,53 cm ³

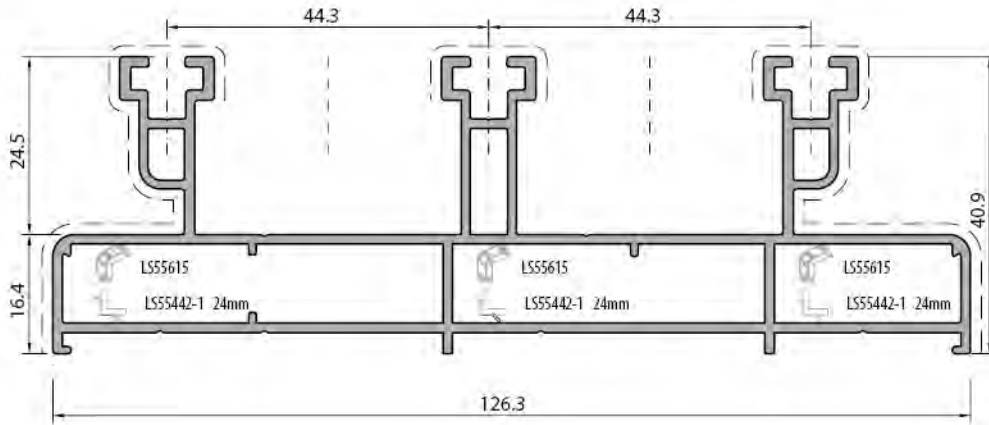


S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

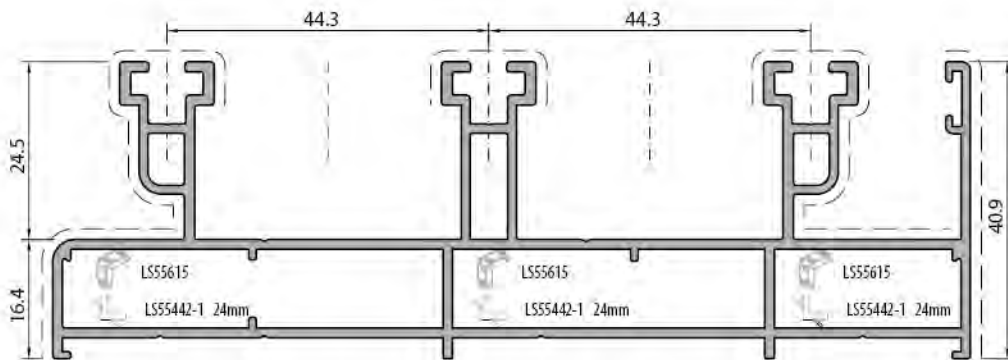
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



İki Raylı Profil Two rail profile	
S32104	
Weight	: 1,497 kg/m
I _x	: 44,63 cm ⁴
I _y	: 16,41 cm ⁴
W _x	: 9,19 cm ³
W _y	: 5,85 cm ³

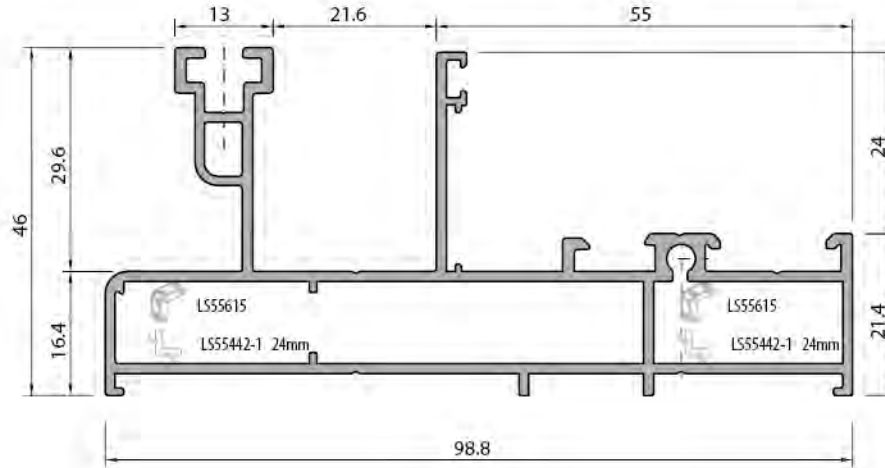


Üç Raylı Profil Three rail profile	
S32105	
Weight	: 1,765 kg/m
I _x	: 93,52 cm ⁴
I _y	: 9,77 cm ⁴
W _x	: 14,67 cm ³
W _y	: 1,80 cm ³

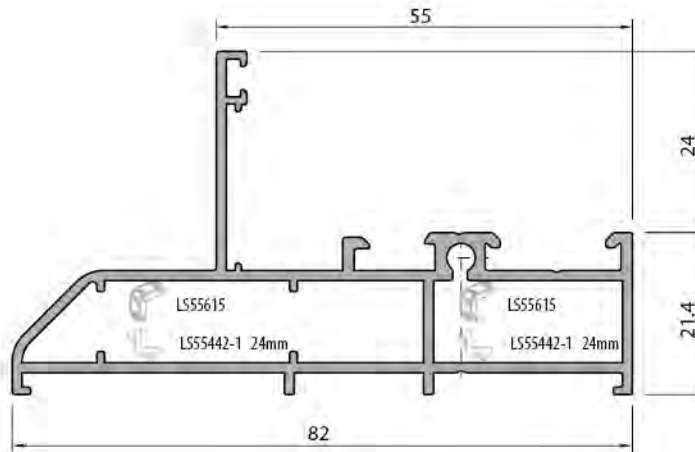


Üç Raylı Profil Three rail profile	
S32106	
Weight	: 1,873 kg/m
I _x	: 108,30 cm ⁴
I _y	: 10,52 cm ⁴
W _x	: 16,36 cm ³
W _y	: 4,64 cm ³

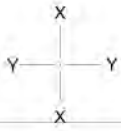
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Tek Raylı Profil-Sabit <i>Mono rail profile-fix</i>	
S32107	
Weight :	1,346 kg/m
Ix :	45,69 cm ⁴
Iy :	7,11 cm ⁴
Wx :	8,70 cm ³
Wy :	2,44 cm ³

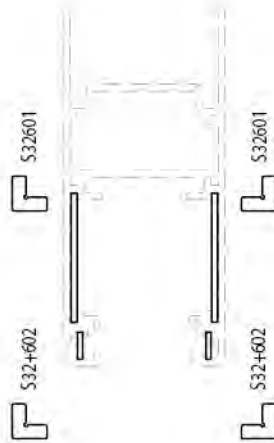
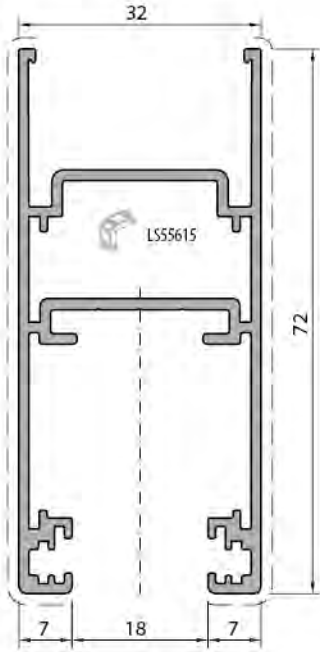


Pencere Geçit Profili <i>Window adapter profile</i>	
S32108	
Weight :	0,973 kg/m
Ix :	20,42 cm ⁴
Iy :	3,64 cm ⁴
Wx :	4,73 cm ³
Wy :	1,13 cm ³

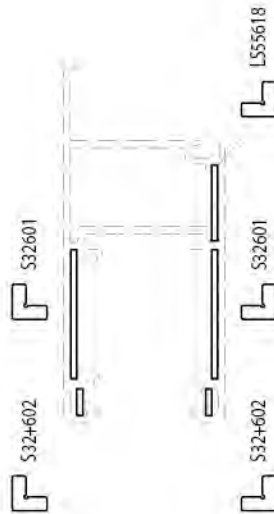
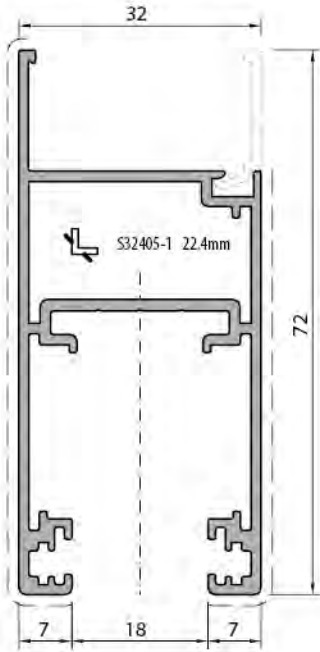


S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

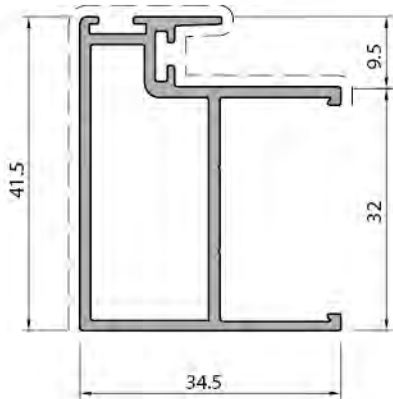
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kanat Profili Sash profile	
S32301	
Weight	: 0,985 kg/m
Ix	: 6,30 cm ⁴
Iy	: 15,00 cm ⁴
Wx	: 3,93 cm ³
Wy	: 4,00 cm ³

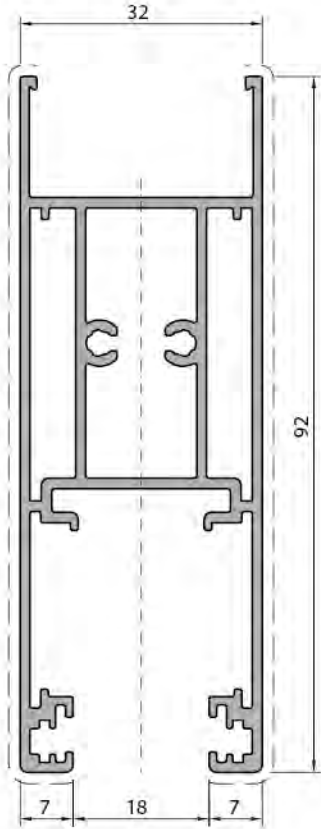


Kanat Profili Sash profile	
S32302	
Weight	: 0,901 kg/m
Ix	: 5,49 cm ⁴
Iy	: 12,77 cm ⁴
Wx	: 3,26 cm ³
Wy	: 3,20 cm ³

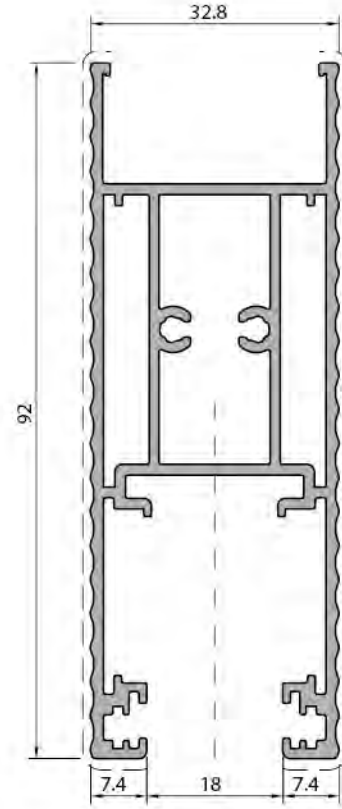


Kanat Profili Sash profile	
S32303	
Weight	: 0,606 kg/m
Ix	: 4,80 cm ⁴
Iy	: 2,09 cm ⁴
Wx	: 2,28 cm ³
Wy	: 0,96 cm ³

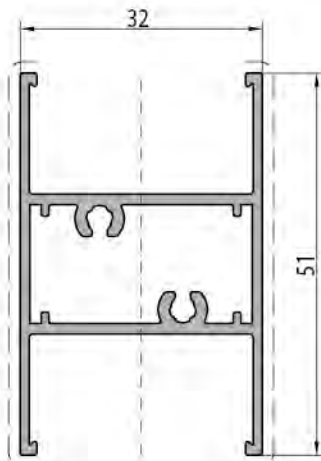
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



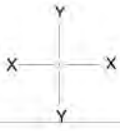
Baza Kanat Profili Bottom sash profile	
S32304	
Weight	: 1,383 kg/m
Ix	: 8,802 cm ⁴
Iy	: 32,55 cm ⁴
Wx	: 5,01 cm ³
Wy	: 7,502 cm ³



Baza Kanat Profili Bottom sash profile	
S32305	
Weight	: 1,487 kg/m
Ix	: 8,84 cm ⁴
Iy	: 34,89 cm ⁴
Wx	: 5,37 cm ³
Wy	: 7,53 cm ³

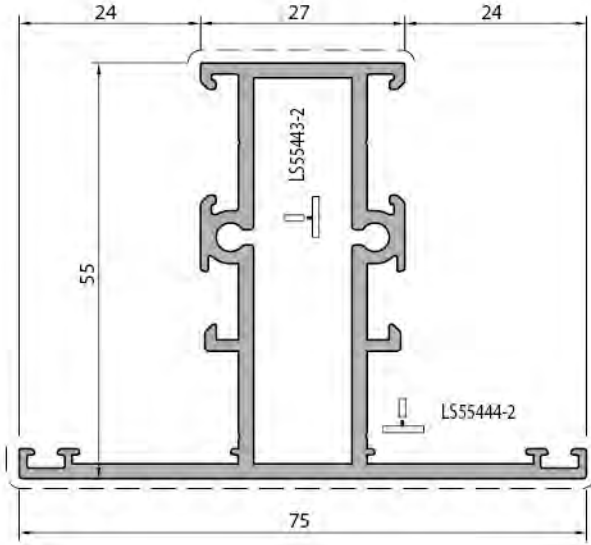


Kanat Orta Kayıt Profili Sash mullion profile	
S32306	
Weight	: 1,487 kg/m
Ix	: 3,92 cm ⁴
Iy	: 3,66 cm ⁴
Wx	: 2,45 cm ³
Wy	: 1,45 cm ³

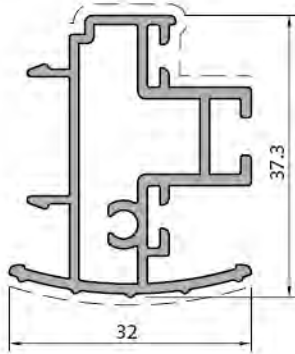
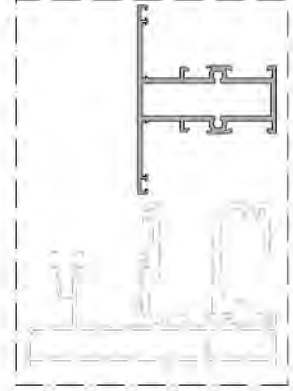


S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

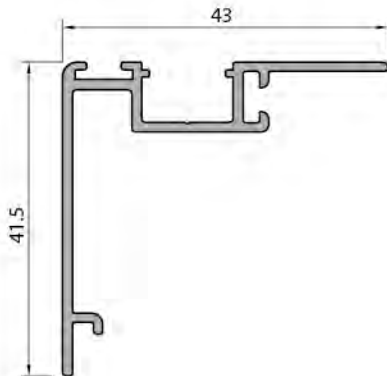
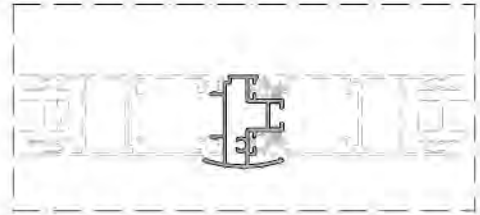
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



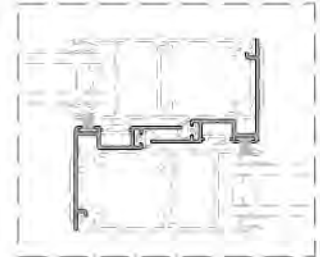
Orta Kayıt Profili <i>Mullion profile</i>	
S32201	
Weight :	1,298 kg/m
Ix :	18,06 cm ⁴
Iy :	10,16 cm ⁴
Wx :	5,47 cm ³
Wy :	2,70 cm ³



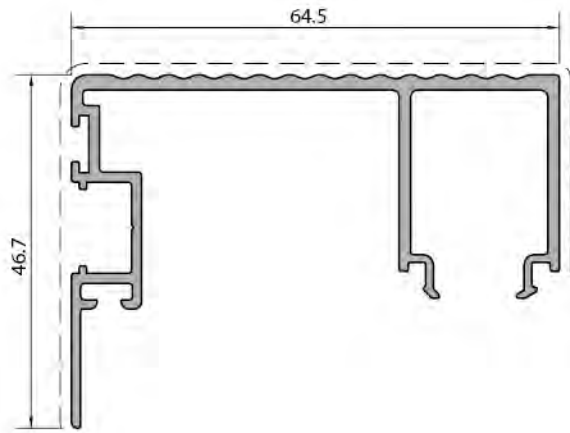
Kanat Adaptör Profili <i>Sash adapter profile</i>	
S32401	
Weight :	0,623 kg/m



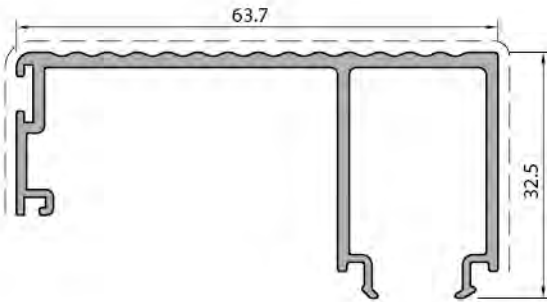
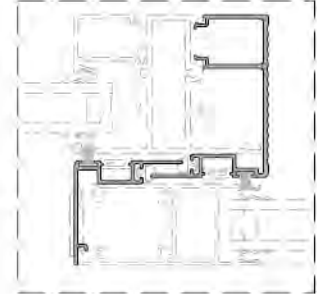
Kenet Profili <i>Clamp profile</i>	
S32402	
Weight :	0,395 kg/m



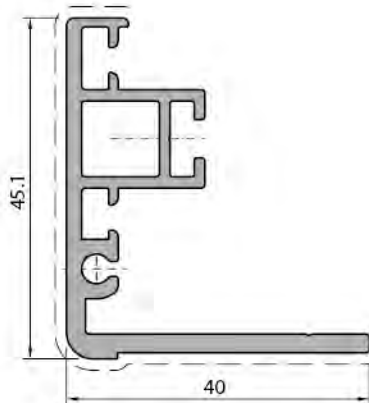
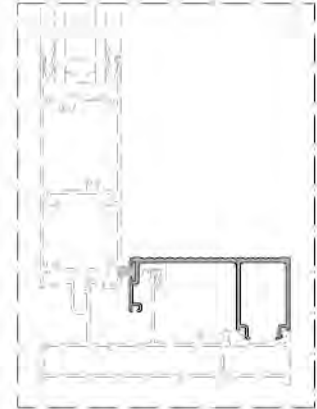
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.



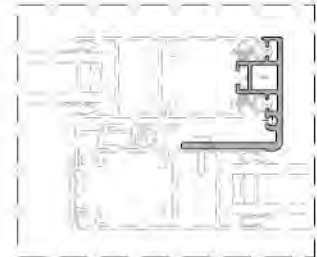
Kenet Profili Clamp profile
S32403
Weight : 0,802 kg/m

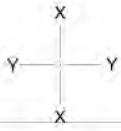


Kenet Profili Clamp profile
S32+402
Weight : 0,669 kg/m



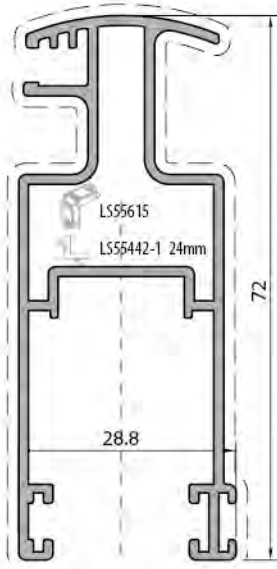
Sabit Kanat Kenet Profili Fixed sash clamp profile
S32+403
Weight : 0,805 kg/m



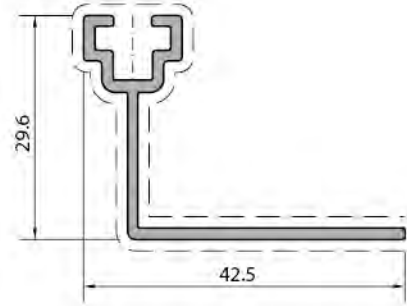
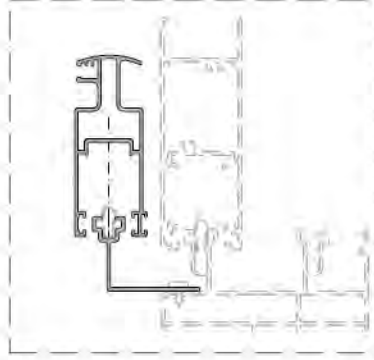


S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

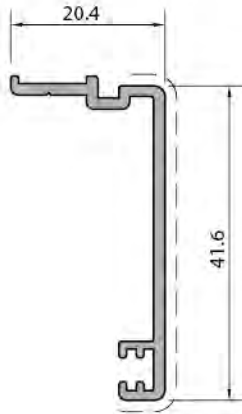
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



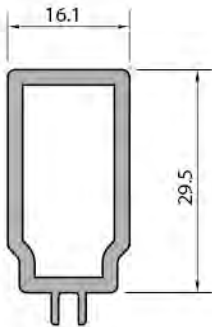
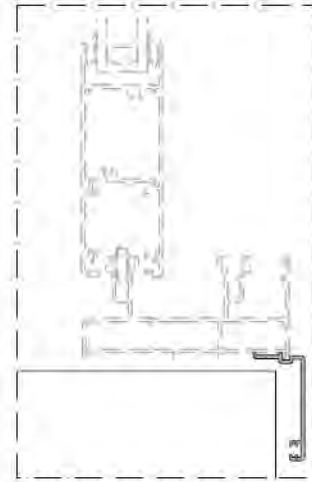
Sineklik Kanat Profili <i>flyscreen sash profile</i>
LS55401
Weight :0,894 kg/m



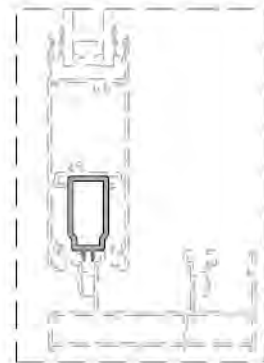
Sineklik Ray Profili <i>Flyscreen rail profile</i>
S32+407
Weight :0,338 kg/m



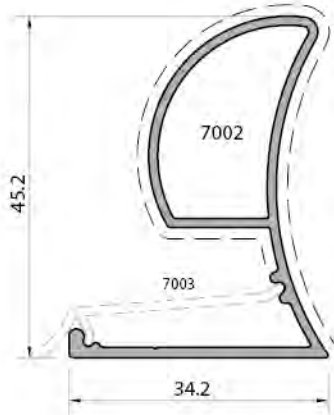
Pervaz Profili <i>Additional profile</i>
S32+405
Weight :0,300 kg/m



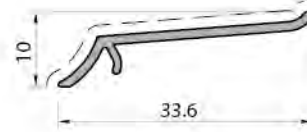
Kanat Sabitleme Profili <i>Sash fixing profile</i>
S32+406
Weight :0,456 kg/m
S32+406-1 100 mm



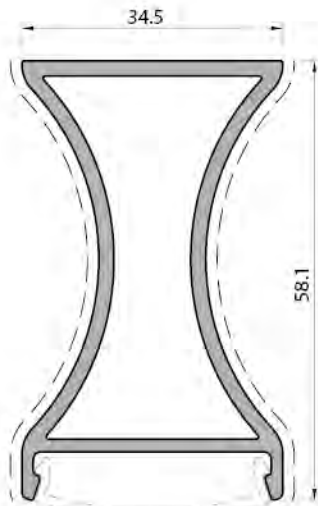
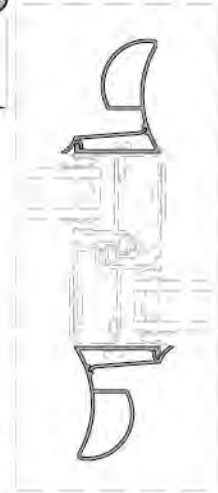
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Kanat Takviye Profili Sash reinforcement profile	
LS55420	
Weight :	0,469 kg/m
Ix :	4,37 cm ⁴
Iy :	1,27 cm ⁴
Wx :	2,32 cm ³
Wy :	0,61 cm ³

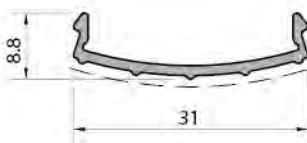
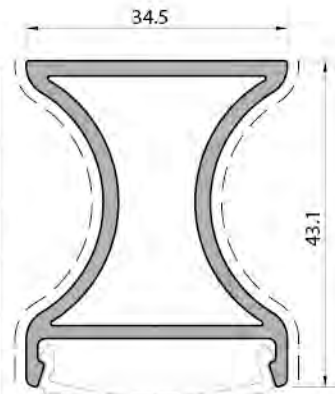


Kapak Profili Cover profile	
LS55421	
Weight :	0,129 kg/m

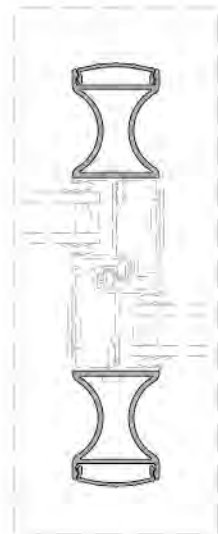


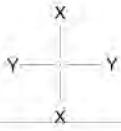
Kanat Takviye Profili Sash reinforcement profile	
LS55422	
Weight :	0,975 kg/m
Ix :	14,11 cm ⁴
Iy :	3,91 cm ⁴
Wx :	4,54 cm ³
Wy :	2,26 cm ³

Kanat Takviye Profili Sash reinforcement profile	
LS55423	
Weight :	0,821 kg/m
Ix :	6,45 cm ⁴
Iy :	3,39 cm ⁴
Wx :	2,62 cm ³
Wy :	1,96 cm ³



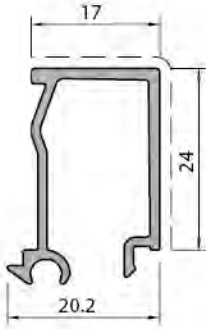
Kapak Profili Cover profile	
LS55424	
Weight :	0,148 kg/m



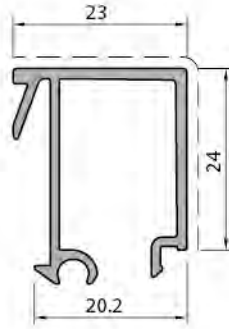


S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

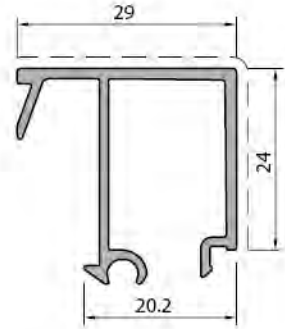
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



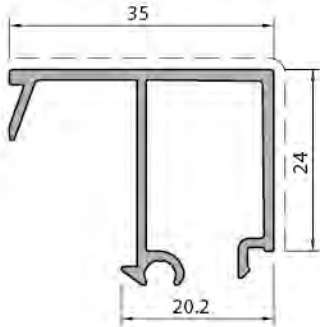
Cam Çıtası Profili Glazing bead profile
LS55432
Weight : 0,294 kg/m



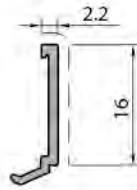
Cam Çıtası Profili Glazing bead profile
LS55433
Weight : 0,341 kg/m



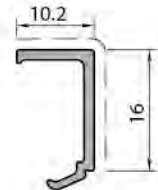
Cam Çıtası Profili Glazing bead profile
LS55434
Weight : 0,363 kg/m



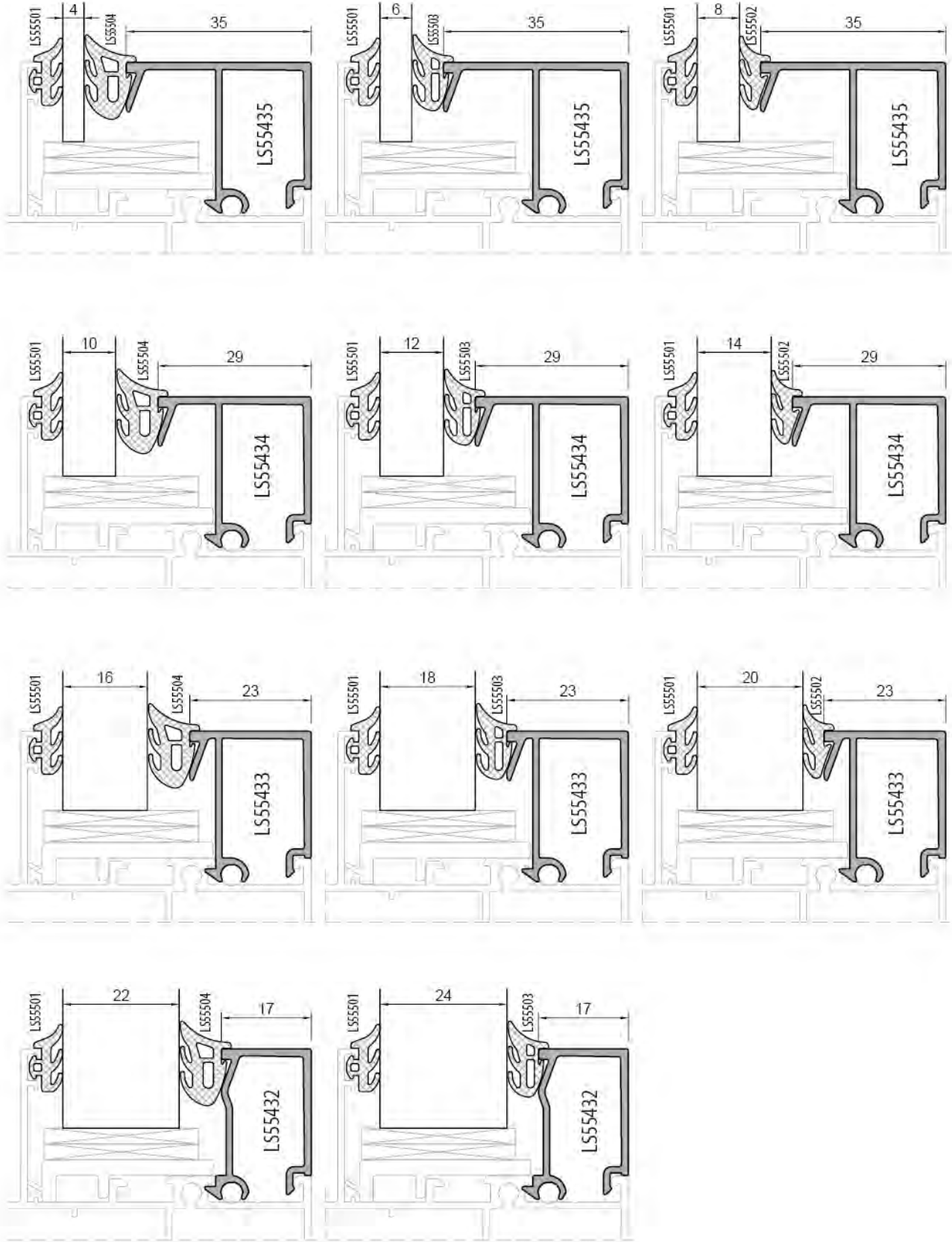
Cam Çıtası Profili Glazing bead profile
LS55435
Weight : 0,385 kg/m



Cam Çıtası Profili Glazing bead profile
S32+411
Weight : 0,074 kg/m

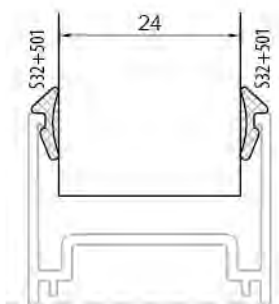
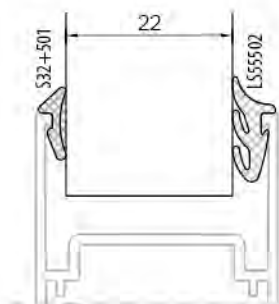
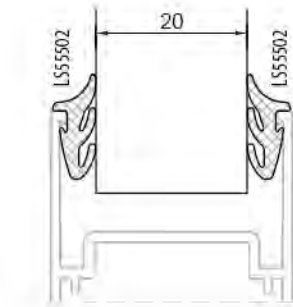
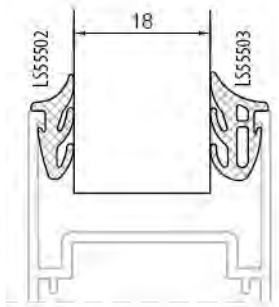
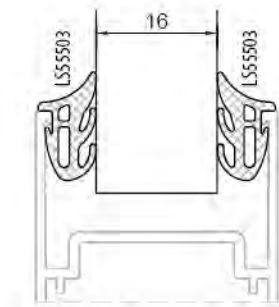
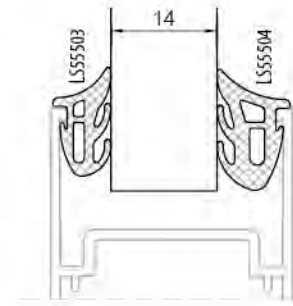
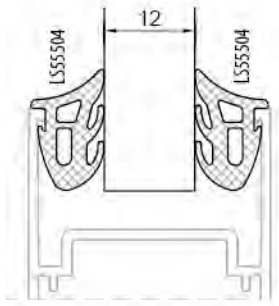
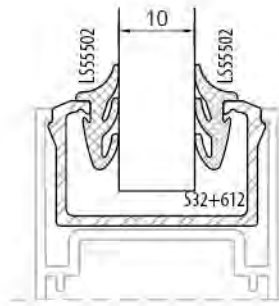
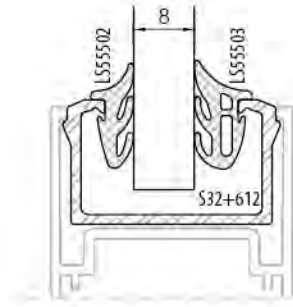
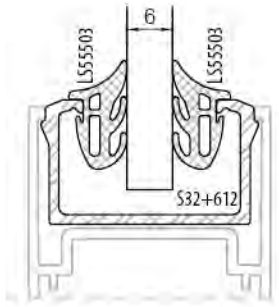
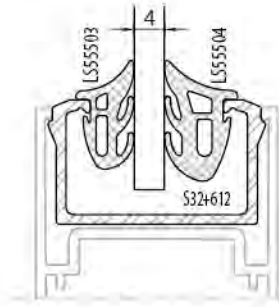


Cam Çıtası Profili Glazing bead profile
S32+412
Weight : 0,106 kg/m

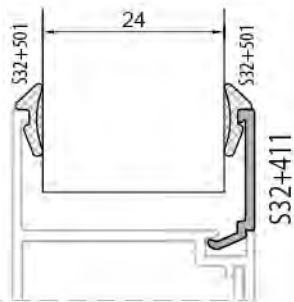
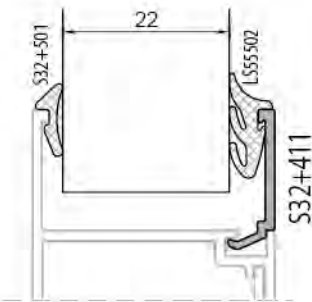
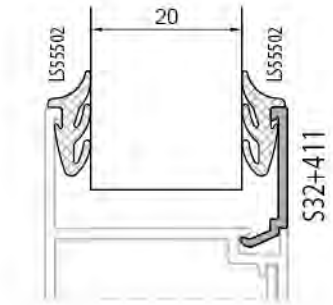
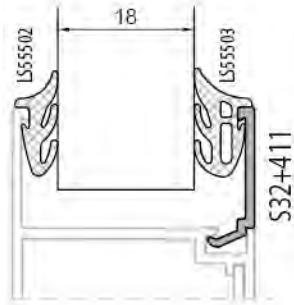
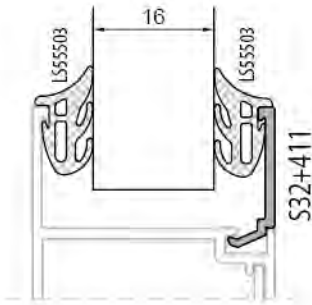
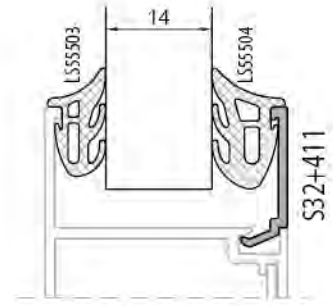
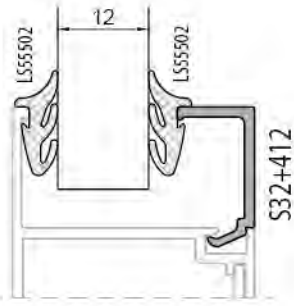
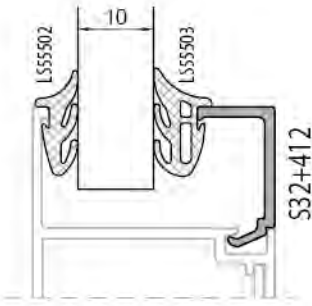
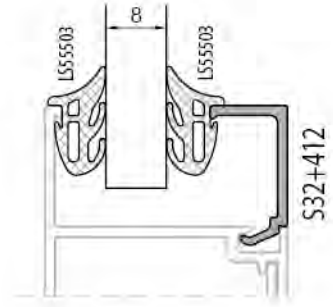
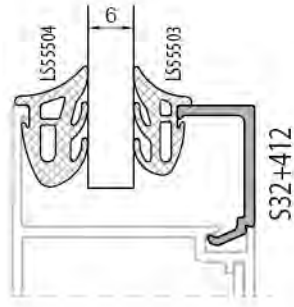
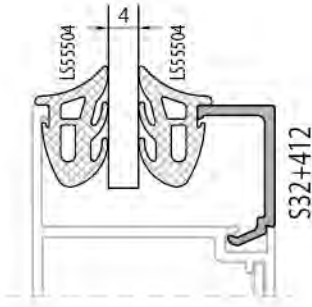


S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



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ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Orta Kayıt Bağlantı
Mullion connection

LS55443

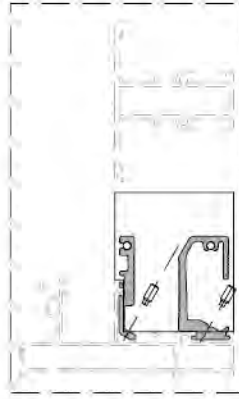
Weight : 0,559 kg/m

LS55443-1 10,5 mm

LS55443-2 12,5 mm

LS55443-3 22,5 mm

LS55443-4 42,5 mm



Orta Kayıt Bağlantı
Mullion connection

LS55444

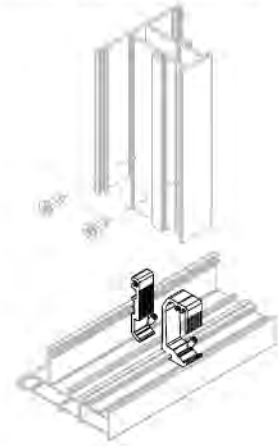
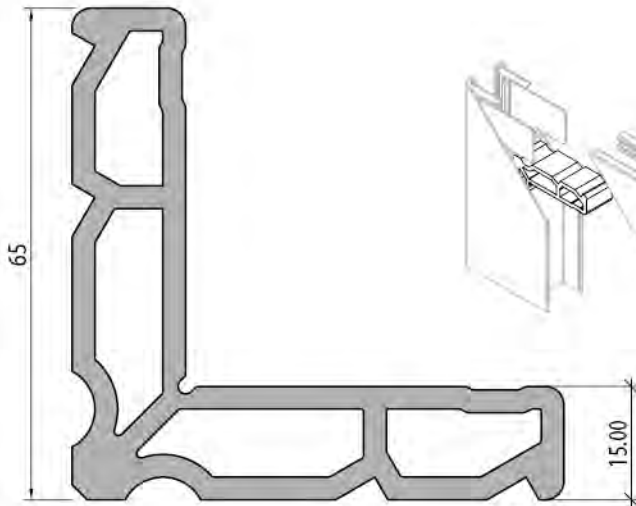
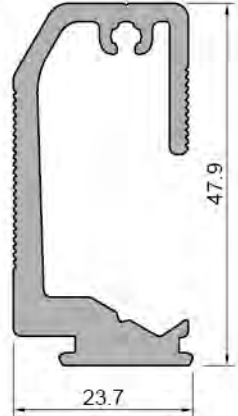
Weight : 0,974 kg/m

LS55444-1 10,5 mm

LS55444-2 12,5 mm

LS55444-3 22,5 mm

LS55444-4 42,5 mm

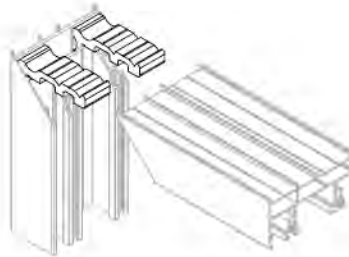
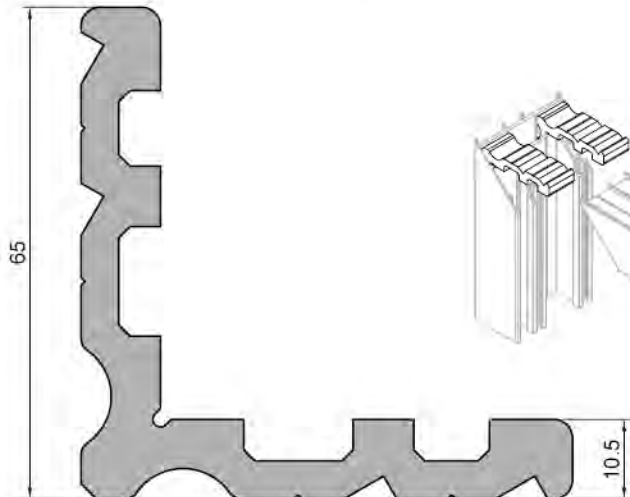


Kasa Köşe Takoz Profili
Frame corner cleat profile

S32405

Weight : 2,327 kg/m

S32405-1 22.4mm



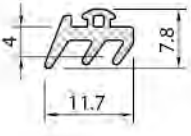
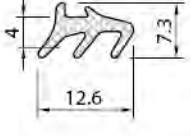
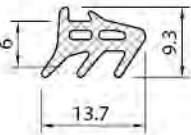
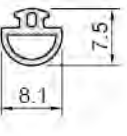
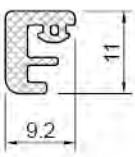
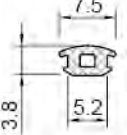
Kasa Köşe Takoz Profili
Frame corner cleat profile

LS55442

Weight : 2,345 kg/m

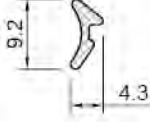
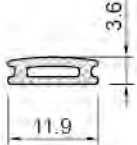
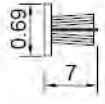
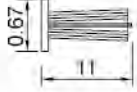
LS55442-1 24 mm

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.

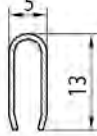
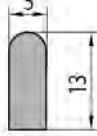
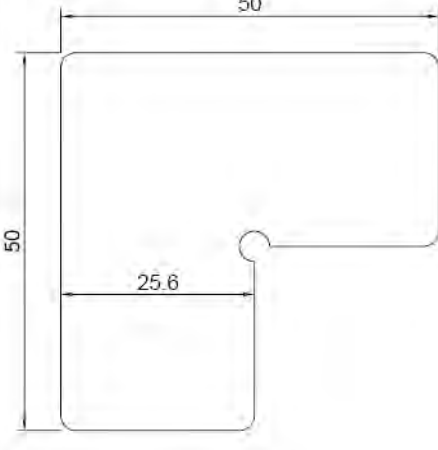
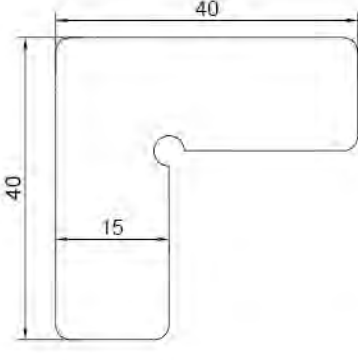
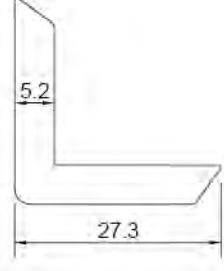
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55501		epdm cam dış fitil glazing gasket outside	55 gr/m	12 kg	220 m	
LS55502		epdm cam iç fitil glazing gasket inside	52 gr/m	12 kg	230 m	
LS55503		epdm cam iç fitil glazing gasket inside	80 gr/m	12 kg	150 m	
LS55504		epdm cam iç fitil glazing gasket inside	92 gr/m	12 kg	130 m	
LS55506		epdm fitil epdm gasket	32 gr/m	12 kg	370 m	
LS55508		epdm fitil epdm gasket	83 gr/m	12 kg	145 m	
LS55510		epdm fitil epdm gasket	27 gr/m	12 kg	440 m	

S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

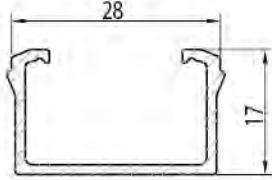
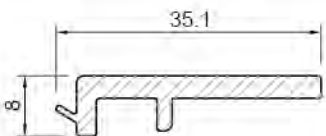
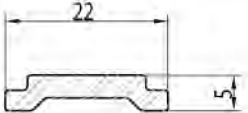
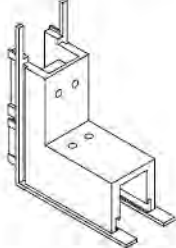
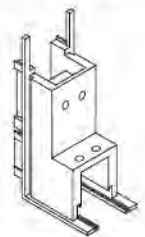
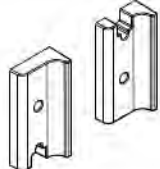
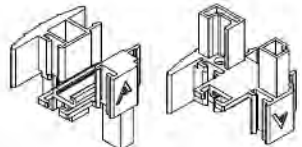
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
S32+501		epdm fitil epdm gasket	22 gr/m	12 kg	545 m	
S32501		epdm fitil epdm gasket	11 gr/m	10 kg	93 m	
W55.511		epdm fitil epdm gasket	18 gr/m	10 kg	555 m	
LS55520		perdeli fırça fitil rabbet brush gasket	-	-	450 m/pk	
LS55521		perdeli fırça fitil rabbet brush gasket	-	-	250 m/pk	
LS55615		kasa köşe bağlantı sash corner assamble			150 m/pk	

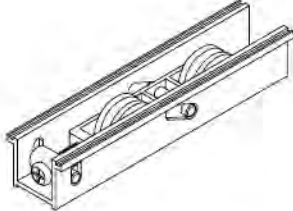
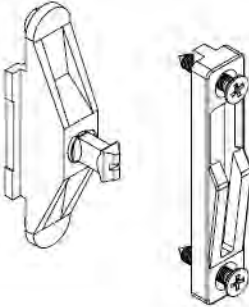
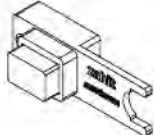
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
LS55616		paslanmaz çelik ray profili stainless steel rail profile	6,5 m 10 pcs/pk	
LS55620		alüminyum ray profili aluminium rail profile	6,0 m 1 kg	
S32601		köşe onbaşı corner cleat for sash	200 pcs/pk	
LS55618		köşe onbaşı corner cleat for sash	200 pcs/pk	
S32+602		köşe onbaşı corner cleat for sash	200 pcs/pk	

S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM**ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES**

Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
S32+612		pvc cam fitil adaptörü gasket glazing pvc adapter	3,0 m 20 pcs/pk	
LS55603		pvc cam destek takoz pvc glazing support cleat	3,0 m 20 pcs/pk	
S32+613		pvc tij profili pvc stick profile	3,0 m 20 pcs/pk	
S32+620		pvc kanat köşe birleşim pvc sash corner join	24 pcs/pk	
S32+621		pvc kanat köşe birleşim pvc sash corner join	24 pcs/pk	
S32+624		kenet kapak clamp cover	100 pcs/pk	
S32+625		çift kanat birleşim adaptörü double sash connecting adapter	24 pcs/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
S32+701		klasik sürme rulman classical sliding roller	50 pcs/pk	
S32+702		kilitleme takımı (çok noktadan) multipoint locking set	50 pcs/pk	
S32+703		kilitleme kolu multipoint locking handle	25 pcs/pk	
S32+704		pim locking pin	100 pcs/pk	
S32+705		çarpma takozu damper plugs	100 pcs/pk	

S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

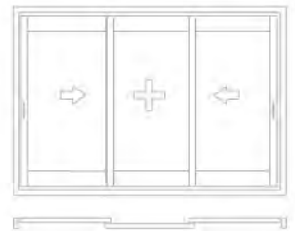
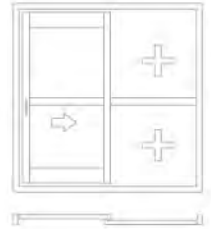
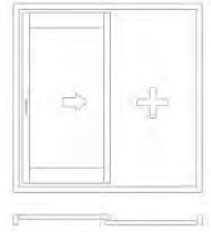
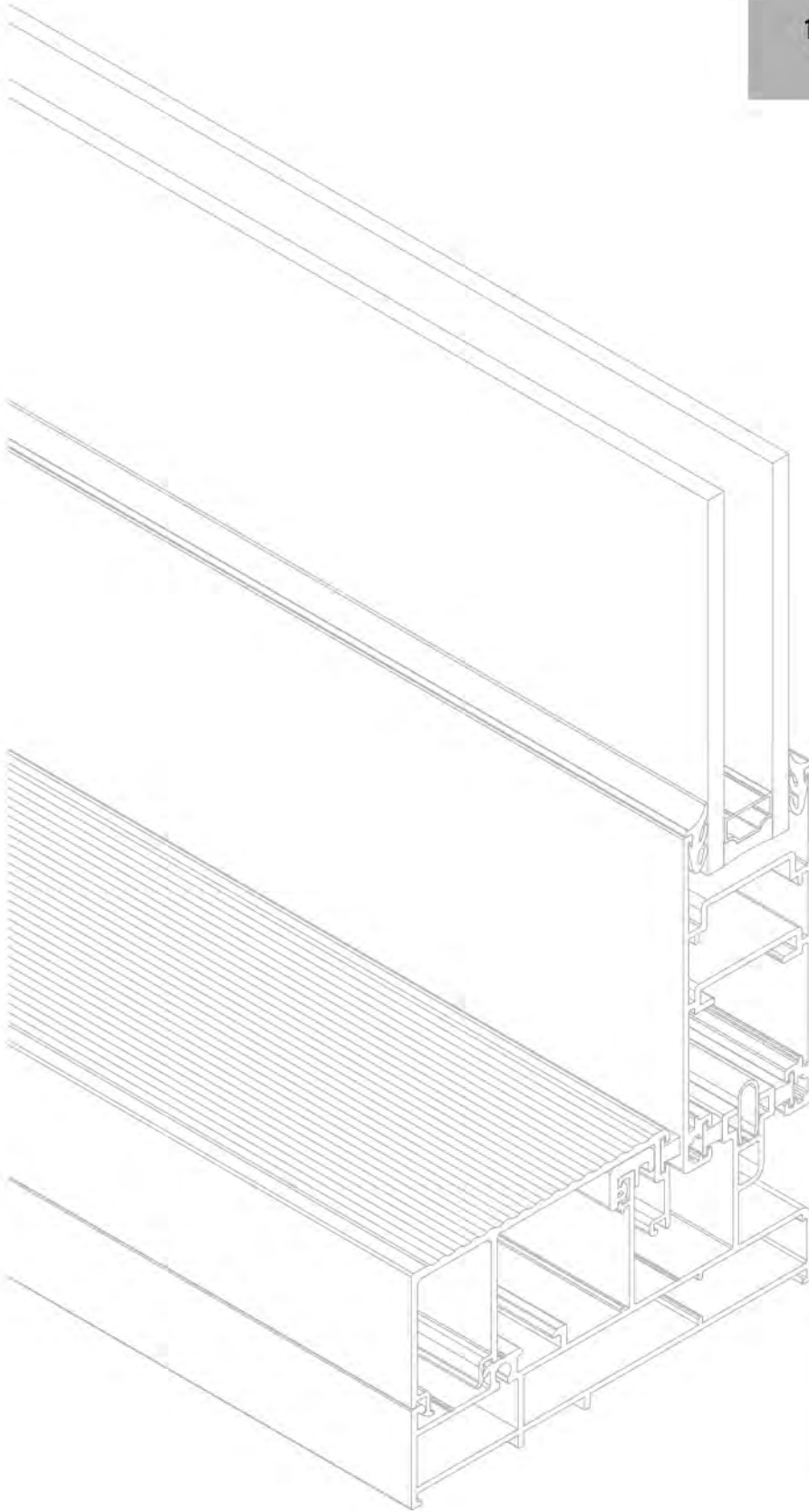
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

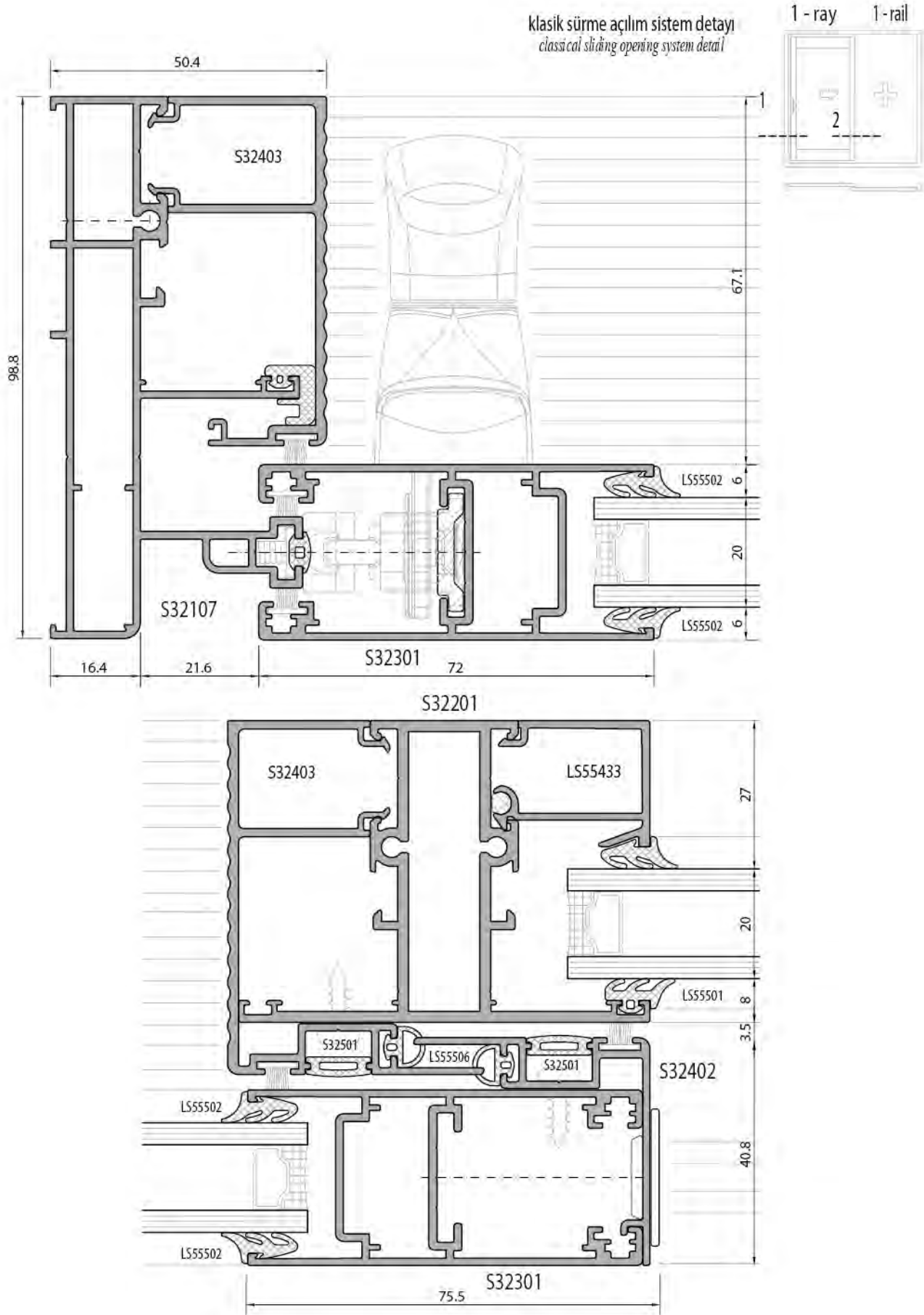
Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
S32+706		havuz kol recessed handle	20 pcs/pk	
S32+707		kilitleme takımı locking set	25 pcs/pk	
S32+708		çekme kol pull handle	25 pcs/pk	
S32+801		kanal üst izolasyon channel upper insulation	100 pcs/pk	
S32+802		kanal üst izolasyon channel upper insulation	100 pcs/pk	
S32+803		kanal alt izolasyon channel bottom insulation	100 pcs/pk	
LS55804		kanal alt izolasyon channel bottom insulation	100 pcs/pk	

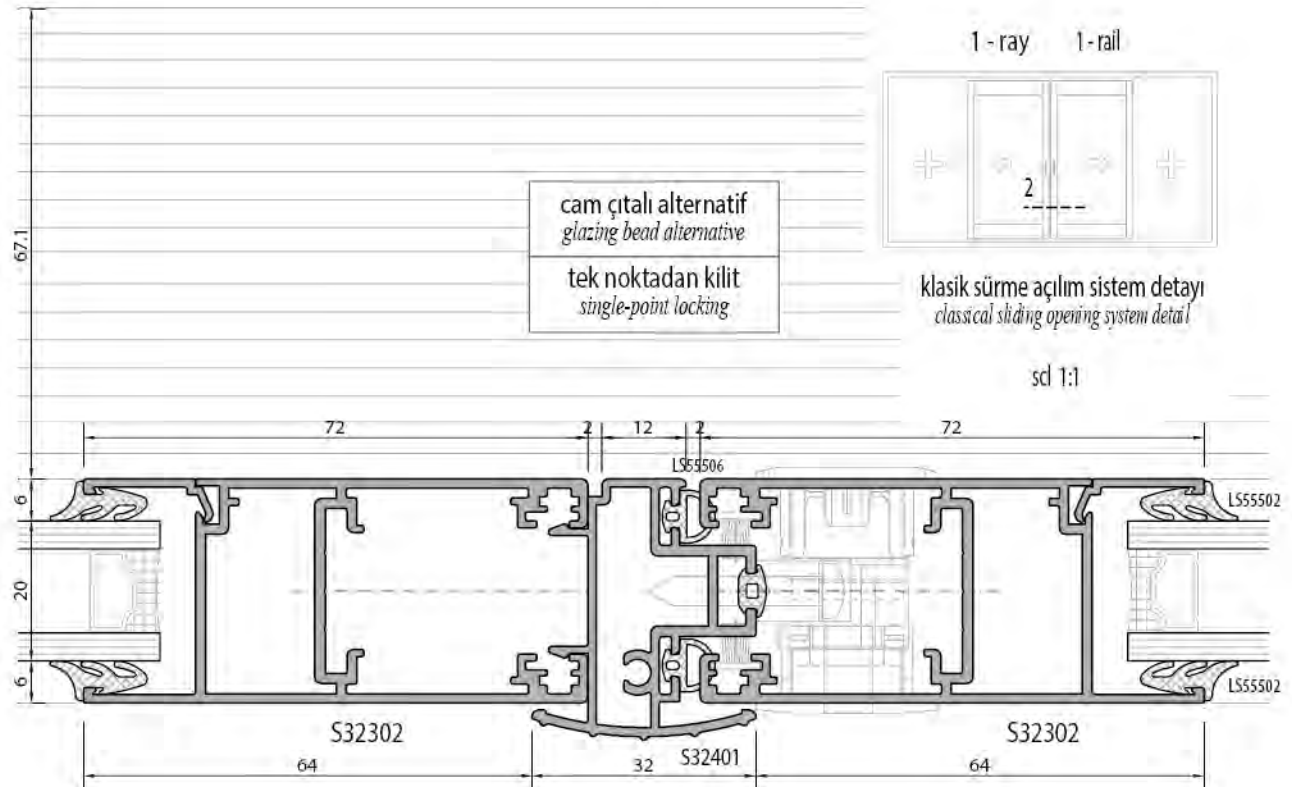
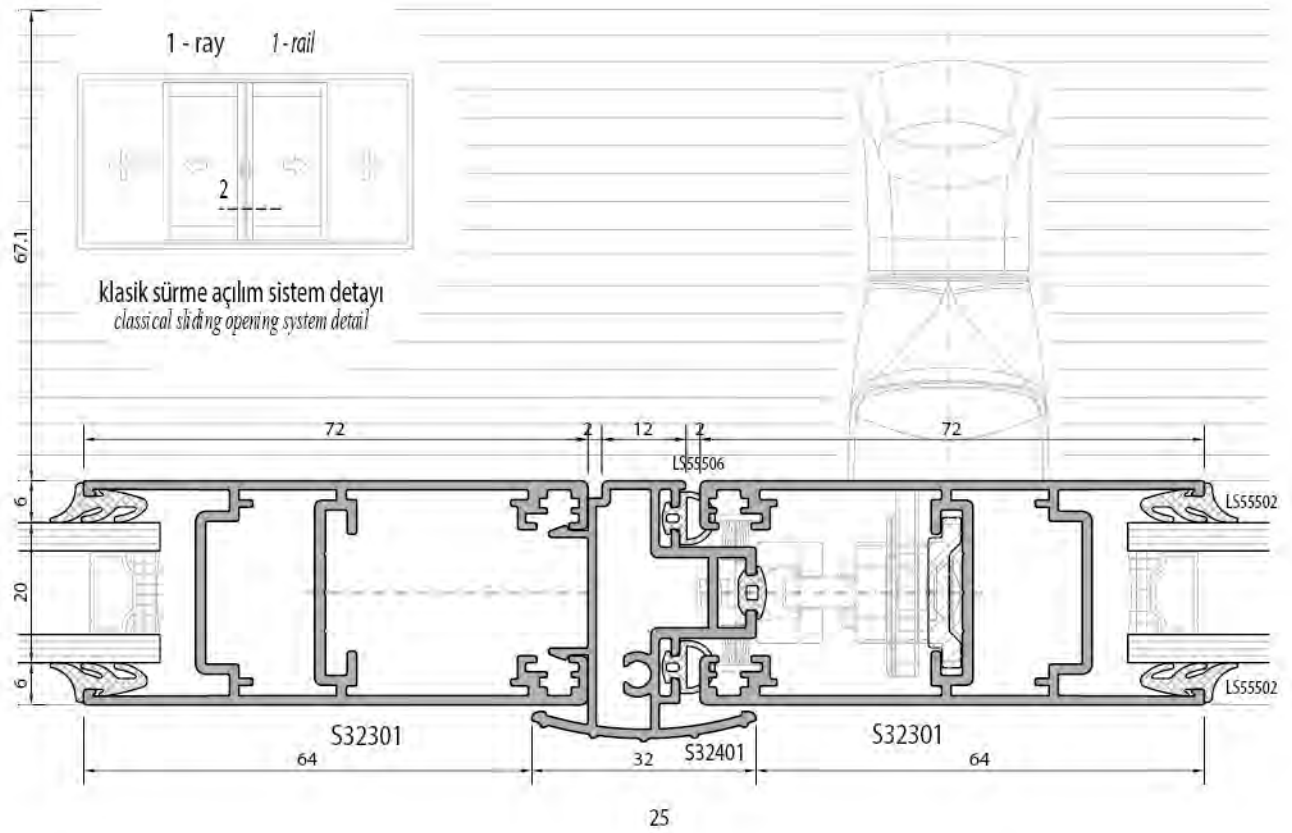
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

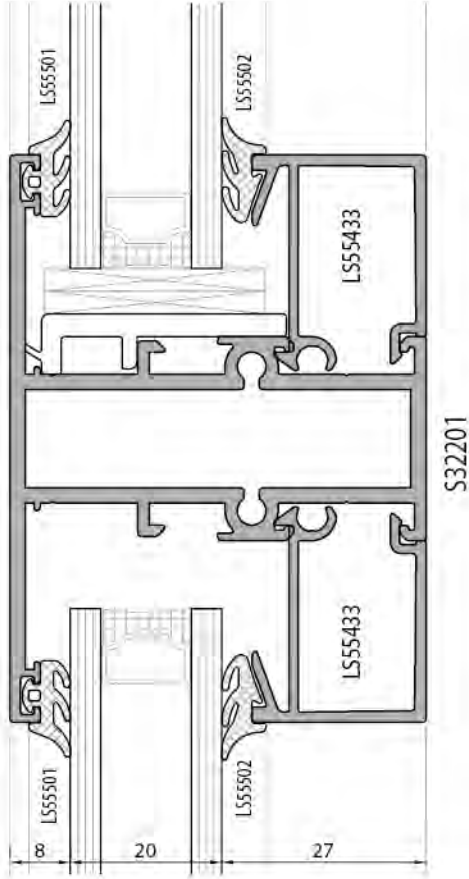
1 - RAY-SABİT PROFİL SİSTEMİ

1 - RAIL-FIXED PROFILE SYSTEM

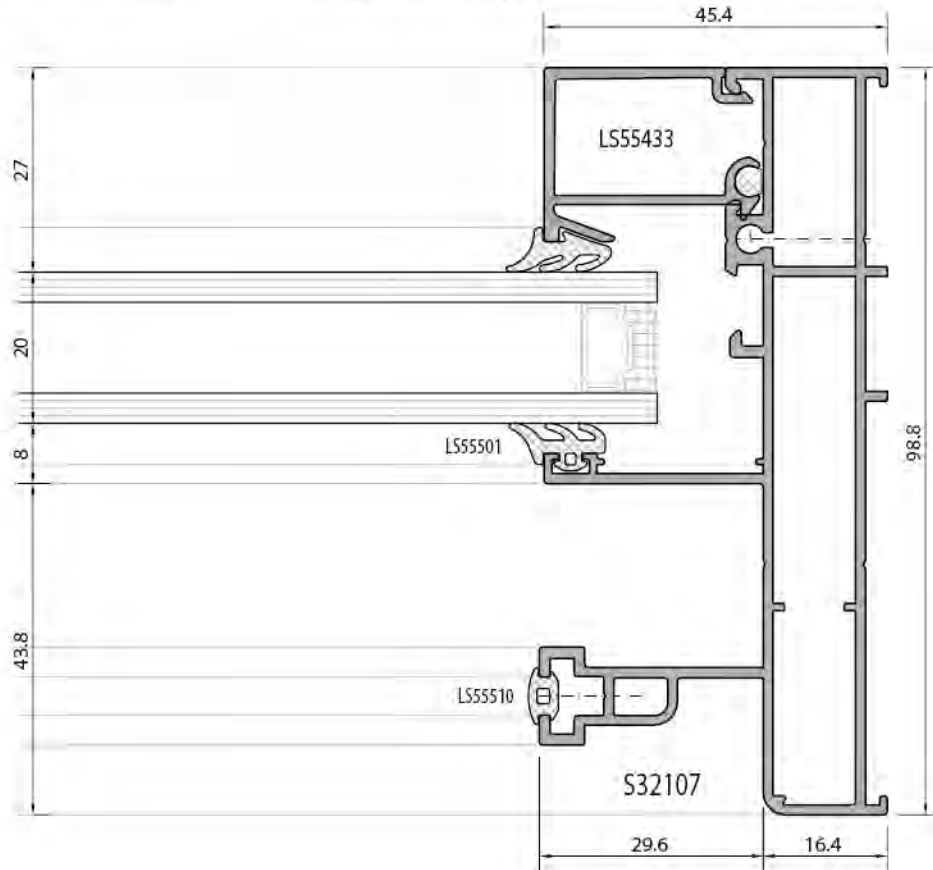
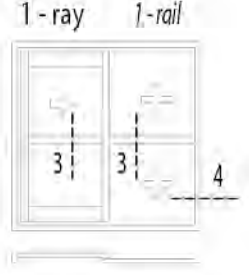
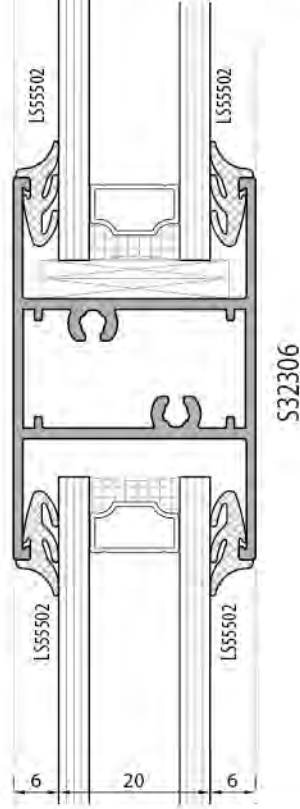


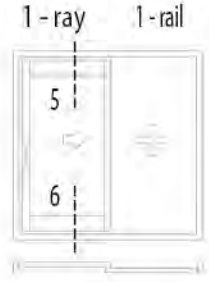
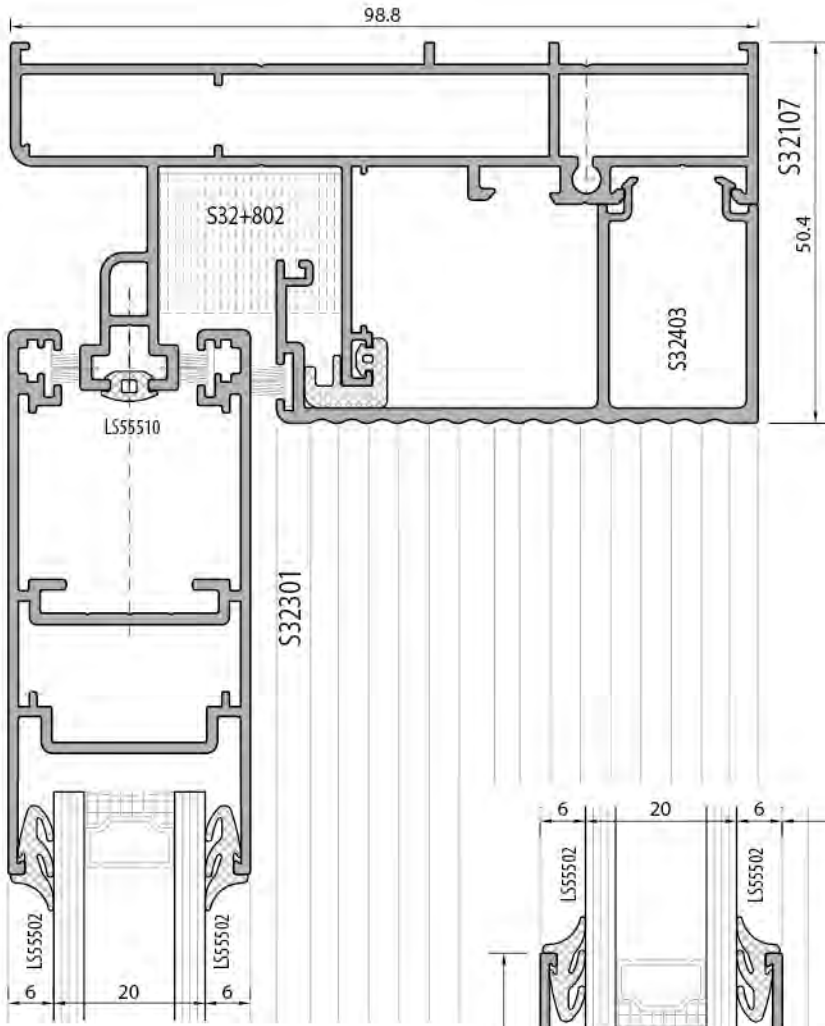




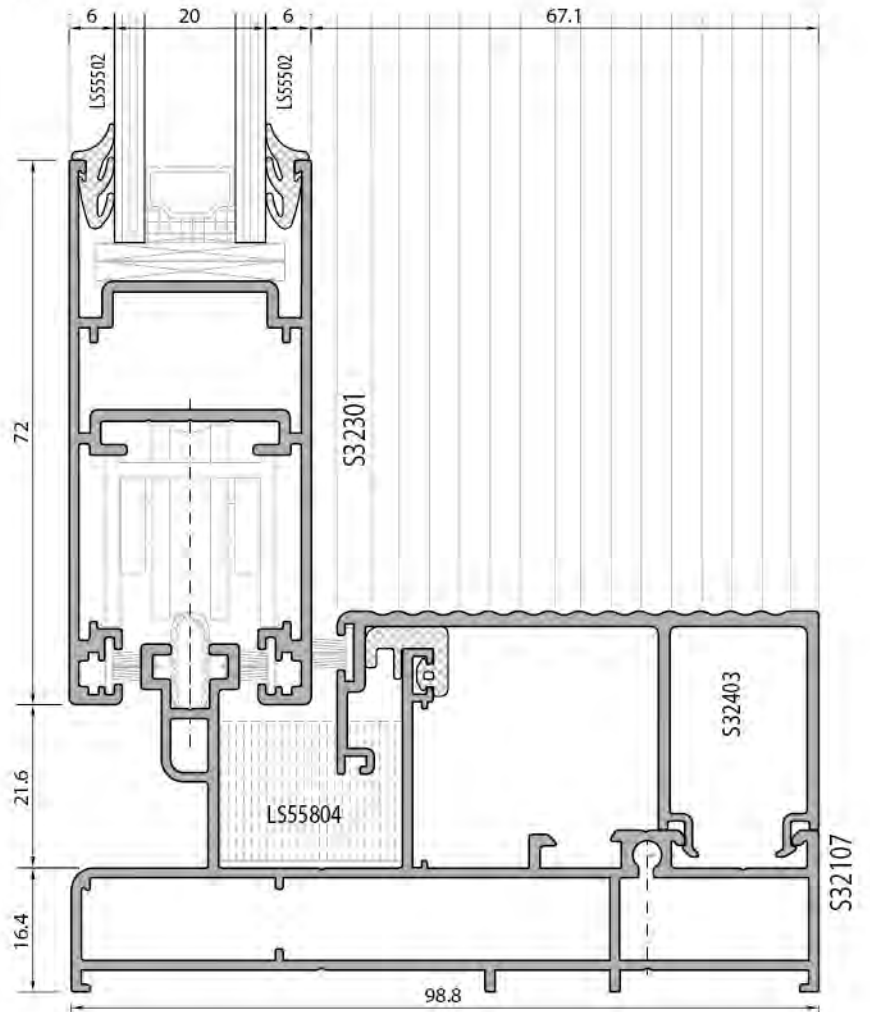


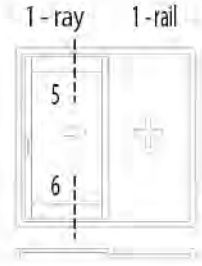
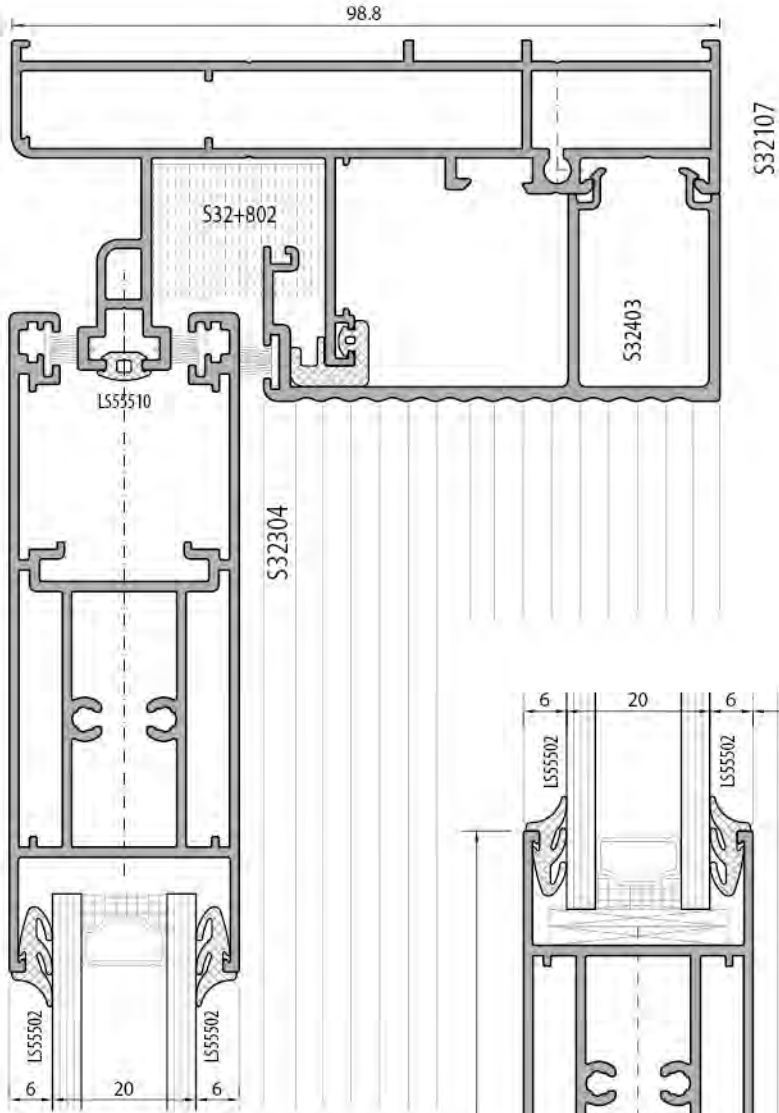
klasik sürme açılım sistem detayı
classical sliding opening system detail



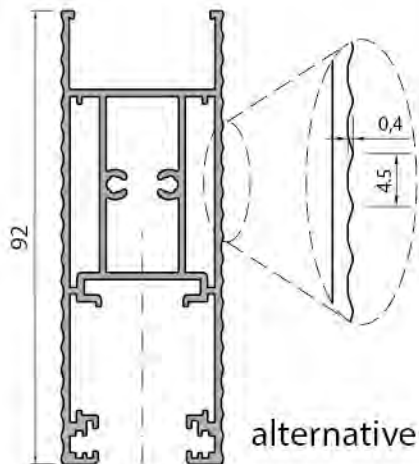


klasik sürme açılım sistem detayı
classical sliding opening system detail

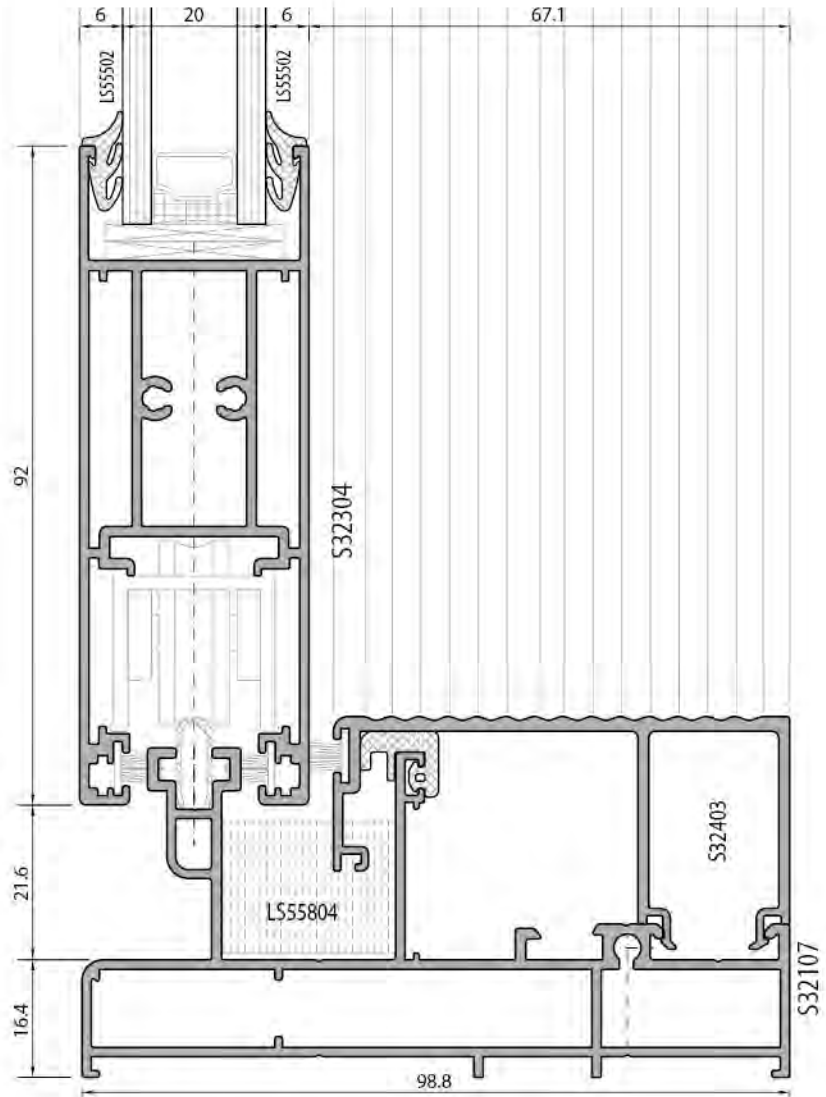


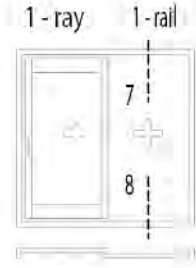
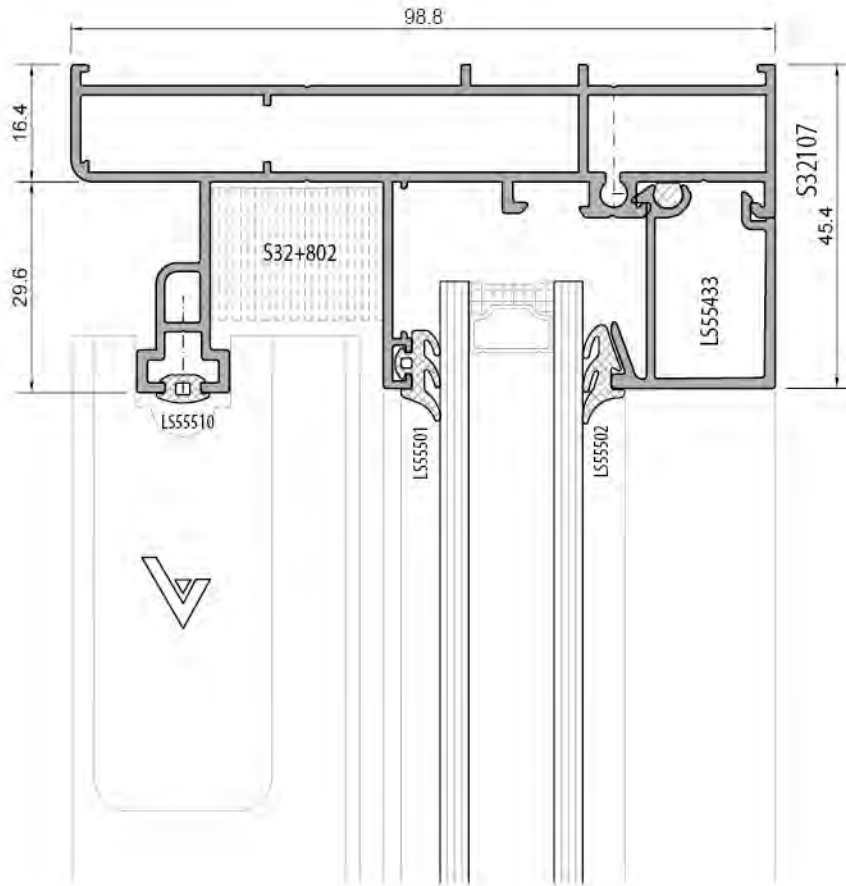


klasik sürme açılım sistem detayı
classical sliding opening system detail

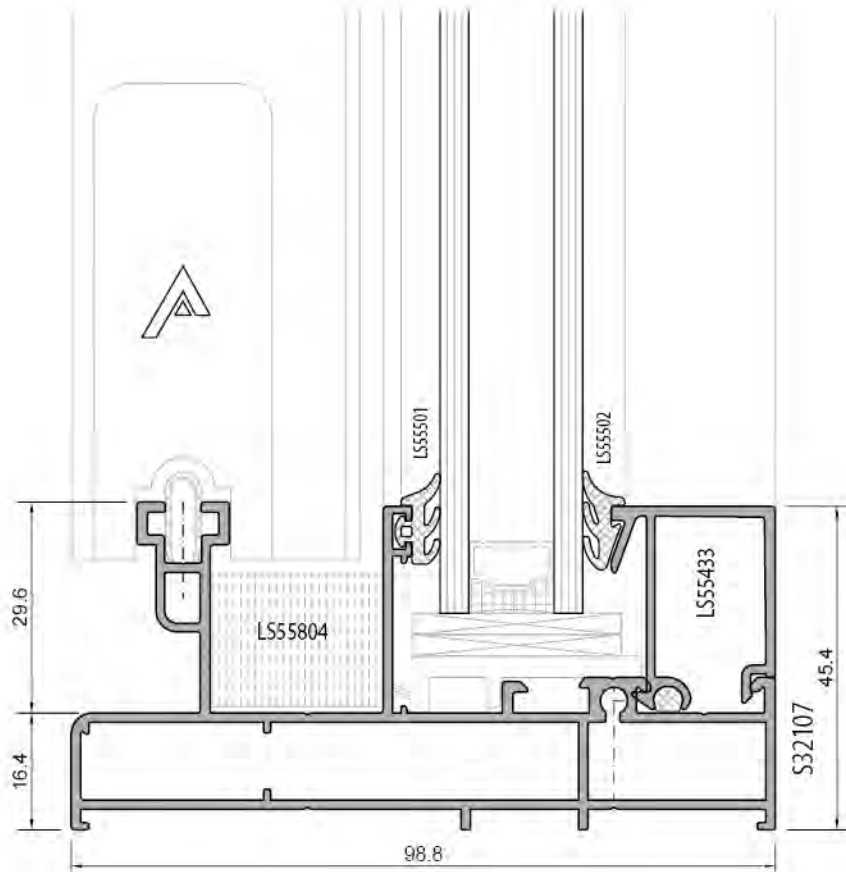


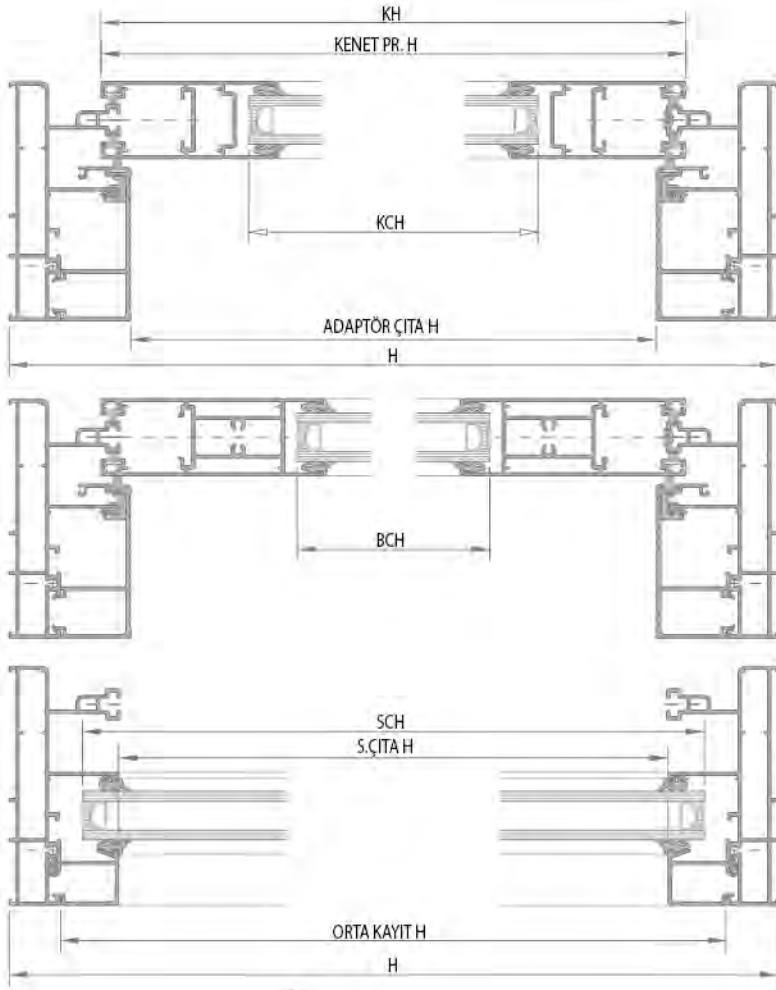
alternative





klasik sürme açılım sistem detayı
classical sliding opening system detail

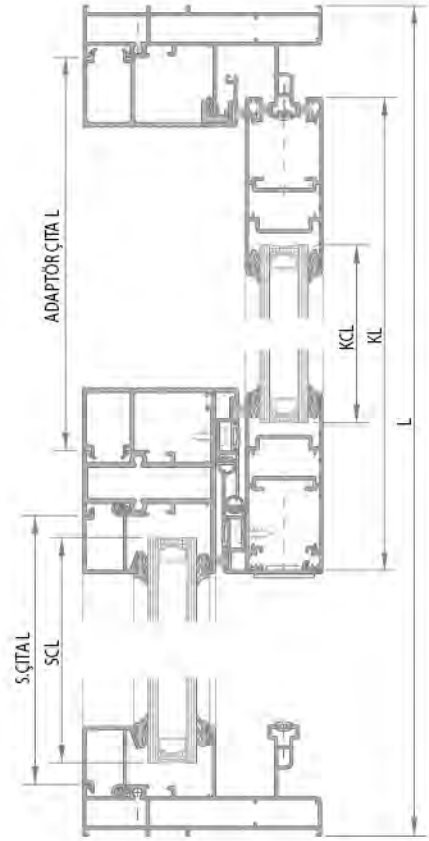
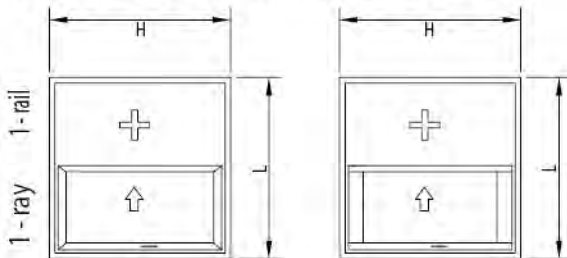




İmalat ve Kesim Planı
Cutting Dimensions

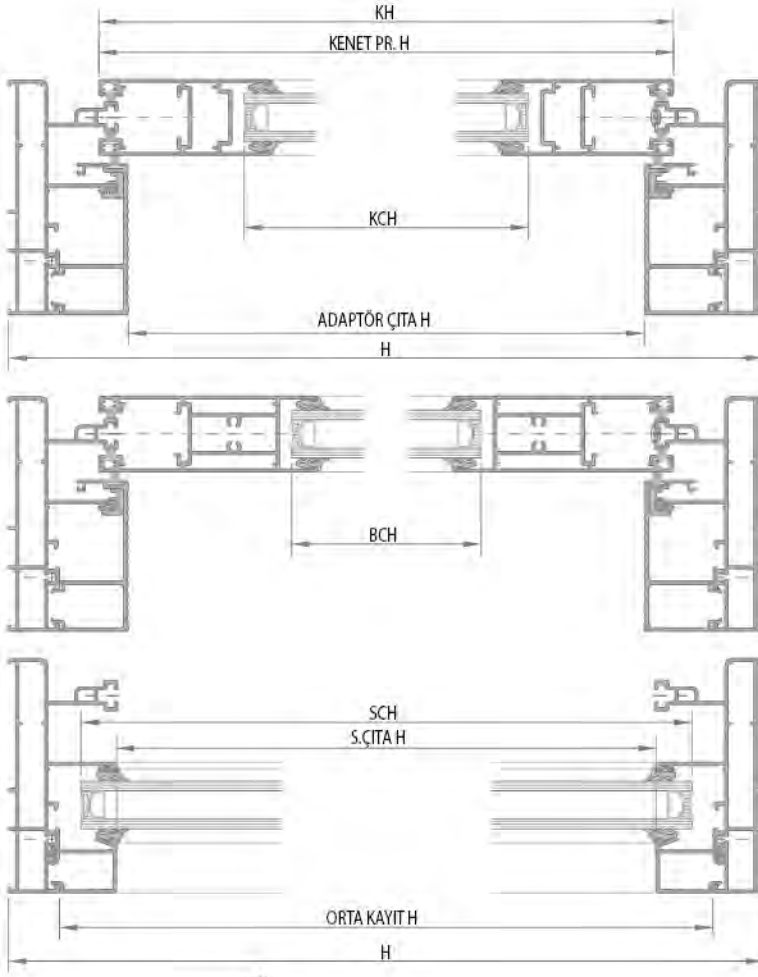
Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni	: KL L2-34
Baza Kanat Eni	: BKL KL-148
Kanat Yüksekliği	: KH H-76 (45° batı) / H-80 (90° batı)
Kanat Cam Eni	: KCL L4-89
Kanat Cam Yüksekliği	: KCH H-198
Sabit Cam Eni	: SCL L2-90
Sabit Cam Yüksekliği	: SCH H-61
Baza Kanat Cam Yüksekliği	: BCH H-238
Kanat Çita Eni	: K Çita L KL-112
Kanat Çita Yüksekliği	: K Çita H KH-144
Sabit Çita Eni	: S Çita L L2-71
Sabit Çita Yüksekliği	: S Çita H H-43
Adaptör Çita Eni	: L2-1
Adaptör Çita Yüksekliği	: H-101
Kesim Profili H	: H-76
Orta Kayıt Profili H	: H-43

KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING



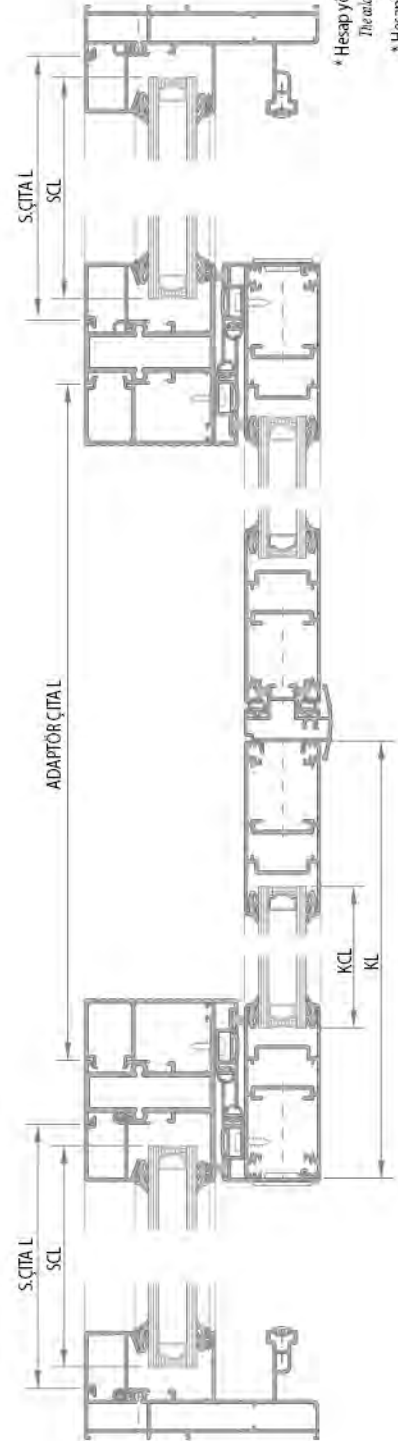
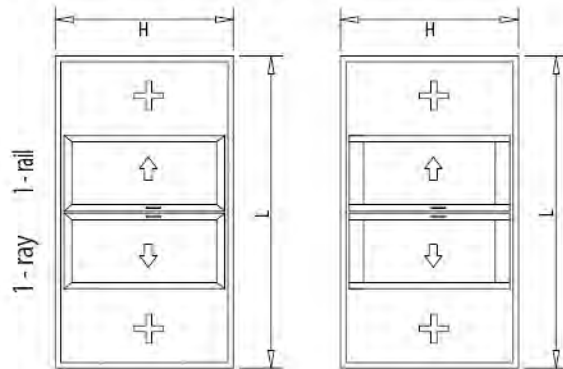
* Hesap yöntemi camları eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

* Hesaplama orta kayıt profili S32201'e göre yapılmıştır.
The calculation was made on the middle profile S32201.



İmalat ve Kesim Planı
Cutting Dimensions:

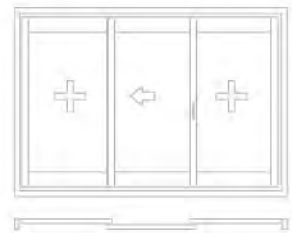
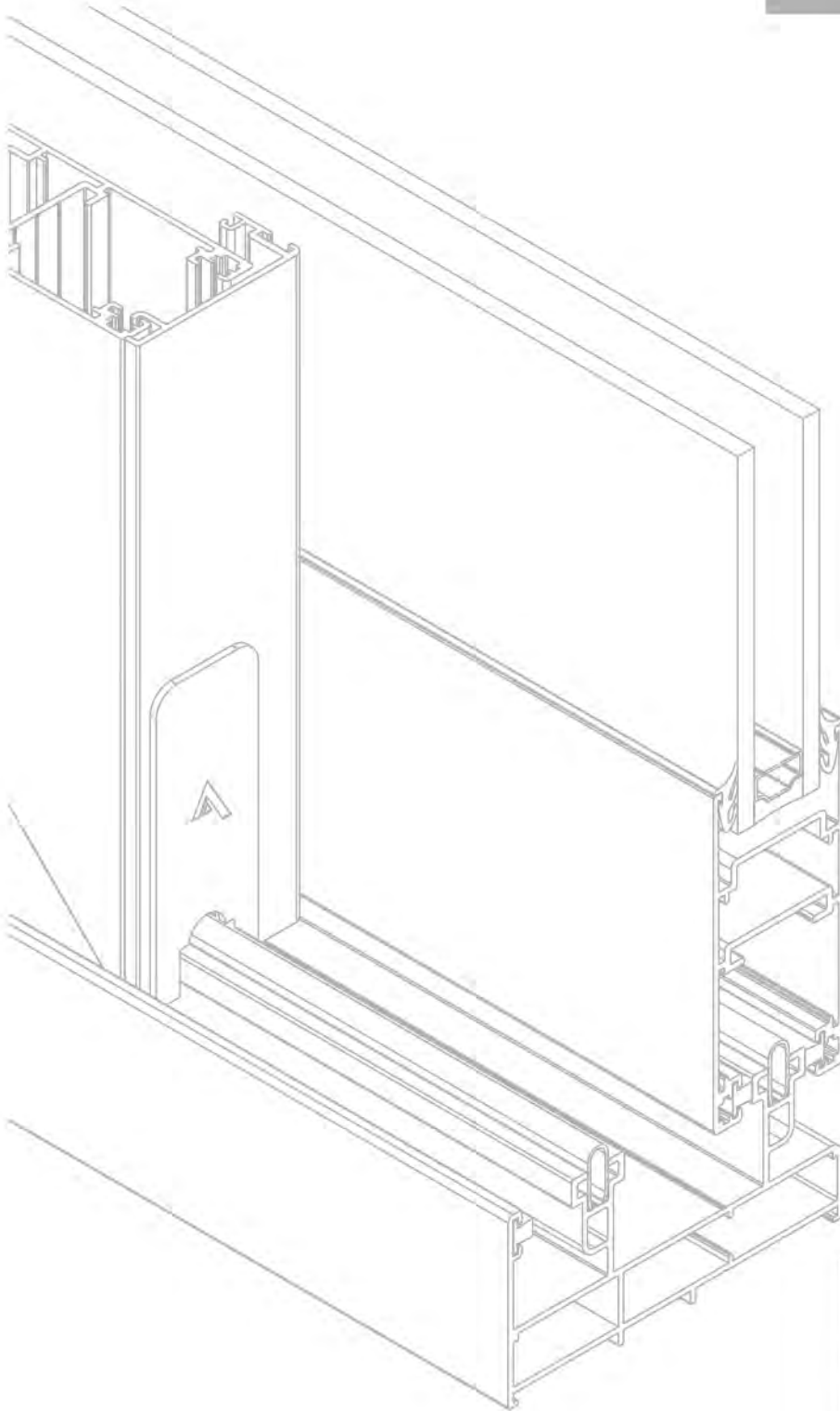
Sürme Eklisi sürme Yüksekliği	L	H
Kanal Eklisi	: KL	L/4 - 48
Bazı Kanal Eklisi	: BK.L	KL-148
Kanal Yüksekliği	: KH	H - 76 (45° birli) H - 80 (90° birli)
Kanal Çam Eklisi	: KCL	L/4 - 75
Kanal Çam Yüksekliği	: KCH	H - 148
Sabit Çam Eklisi	: SL	L/4 - 75
Sabit Çam Yüksekliği	: SCH	H - 61
Bazı Kanal Çam Yüksekliği	: BKCH	H - 238
Kanal Çıta Eklisi	: K.Çita.L	KL-112
Kanal Çıta Yüksekliği	: K.Çita.H	KH-144
Sabit Çıta Eklisi	: S.Çita.L	L/4-56
Sabit Çıta Yüksekliği	: S.Çita.H	H-43
Adaptör Çıta Eklisi	: (KL+16)-101	H-101
Adaptör Çıta Yüksekliği	: (KH+16)-101	H-101
Kenel Profil H	: KL-29	H-43
Orta Kayıt Profili H	: KL-29	H-43

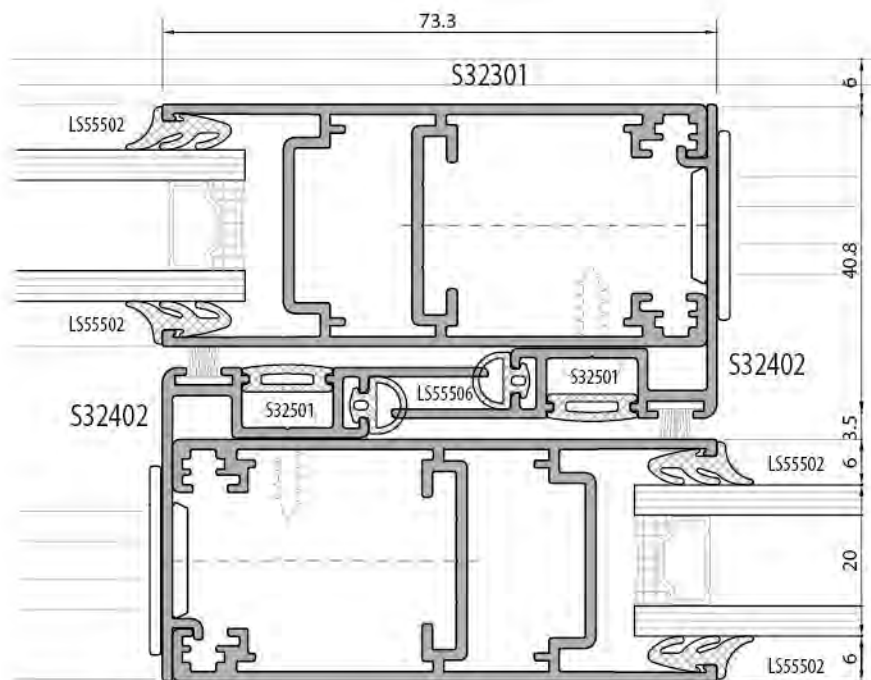
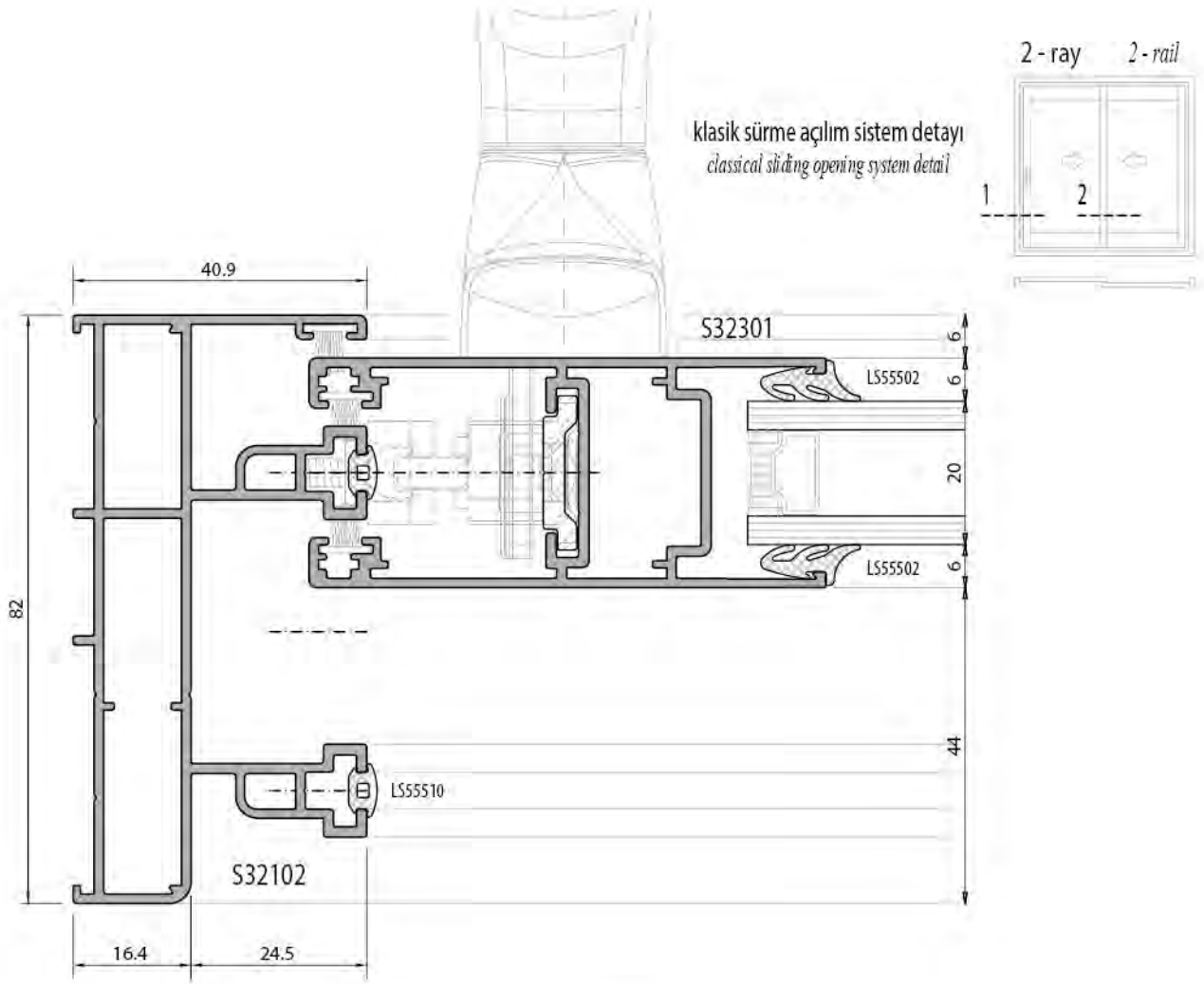


* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

* Hesaplama orta kayıt profil S32.20'ye göre yapılmıştır.
The calculation was made on the mullion profile S32.20.

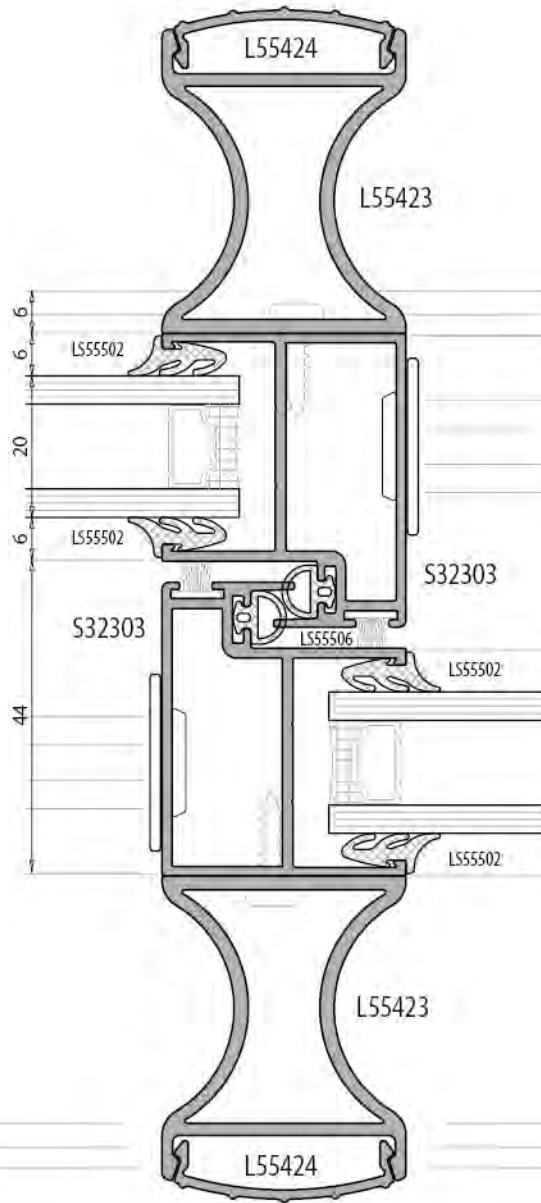
2 - RAY PROFİL SİSTEMİ
2 - RAIL PROFILE SYSTEM



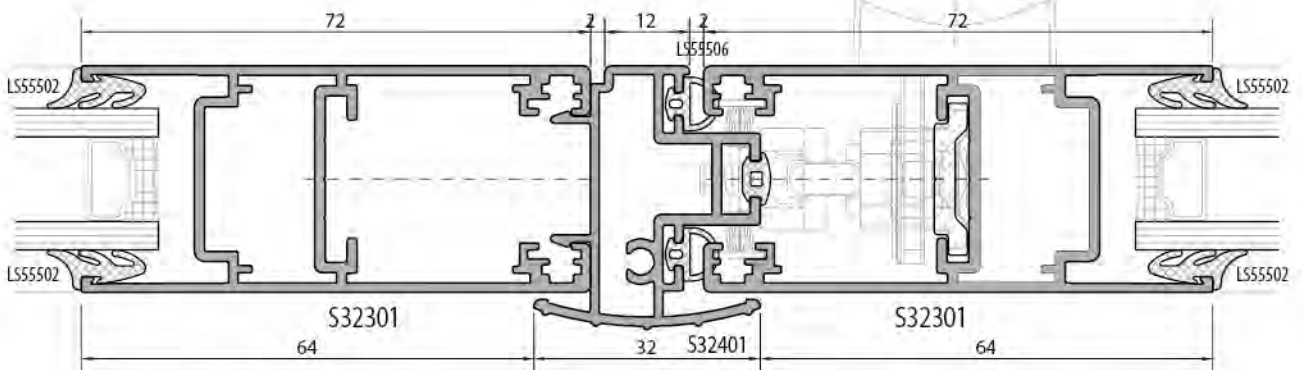
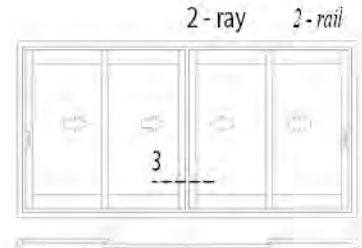


SİSTEM DETAYLARI / SYSTEM DETAILS

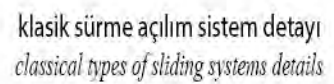


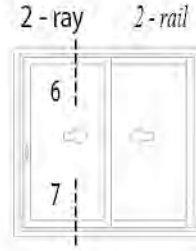
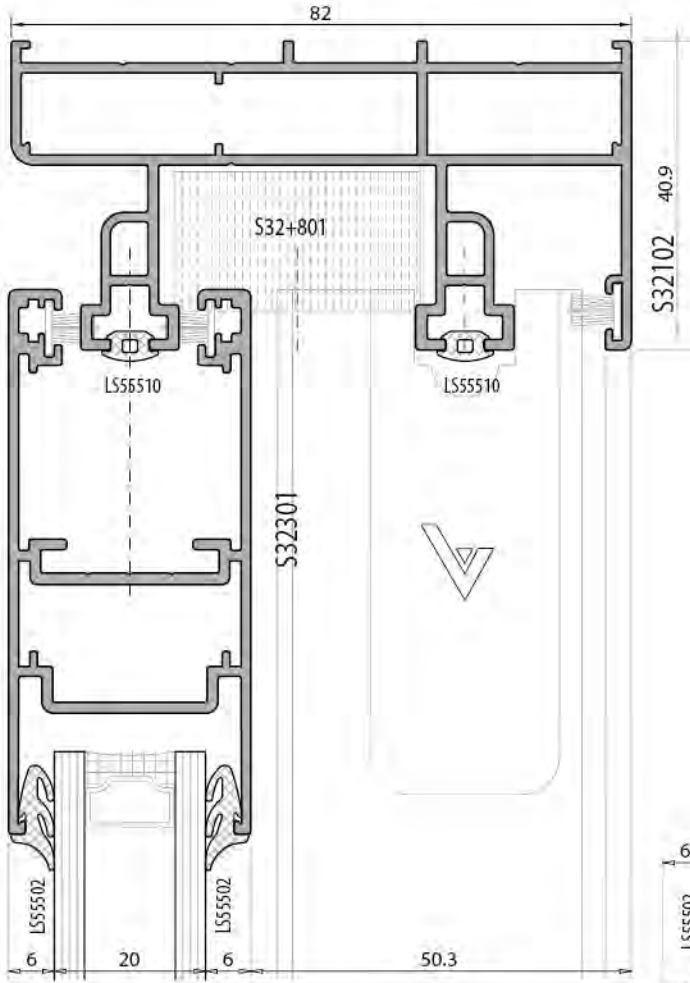


klasik sürme açılım sistem detayı
classical sliding opening system detail

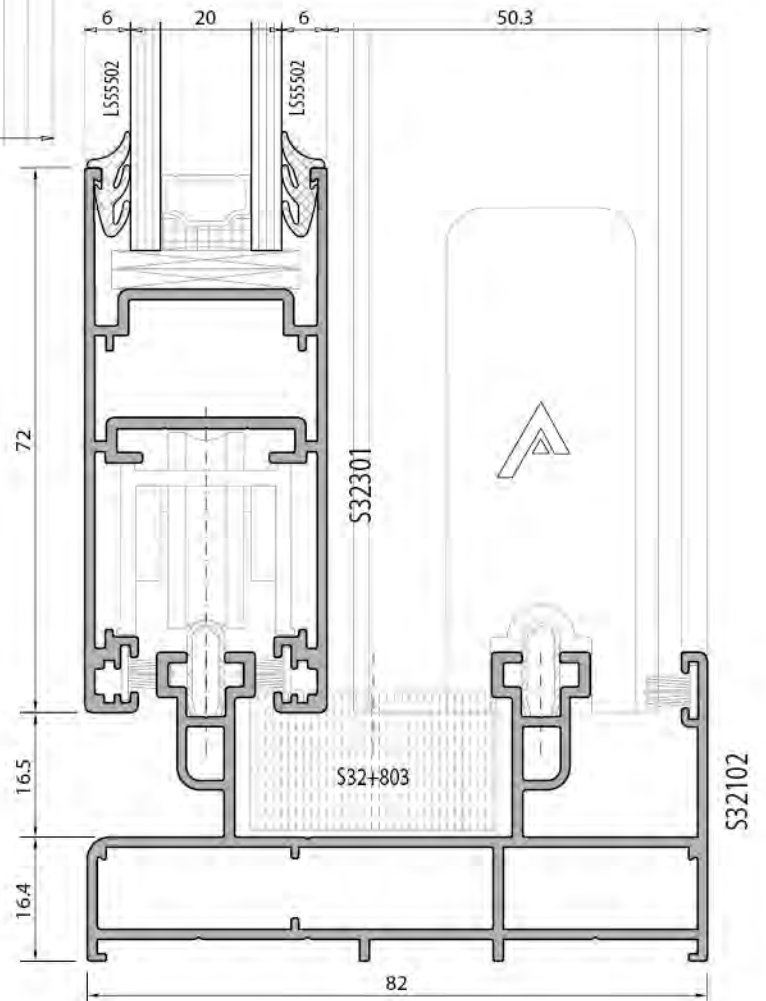


SİSTEM DETAYLARI / SYSTEM DETAILS

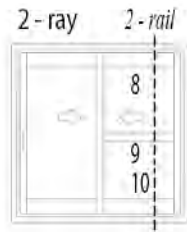




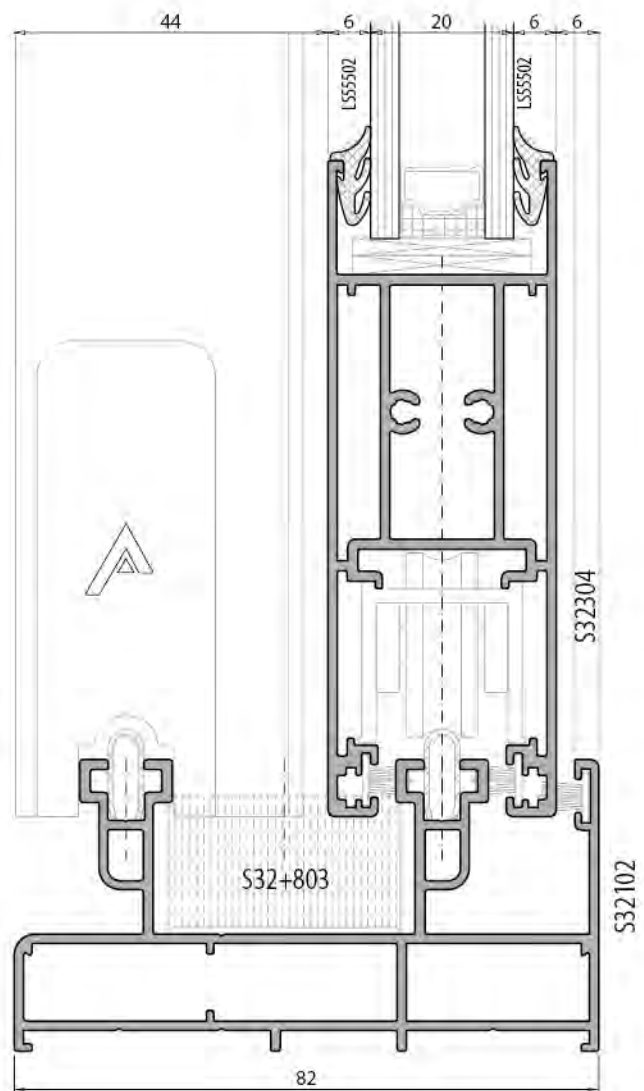
klasik sürme açılım sistem detayı
classical sliding opening system detail

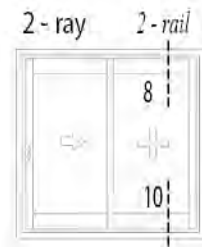
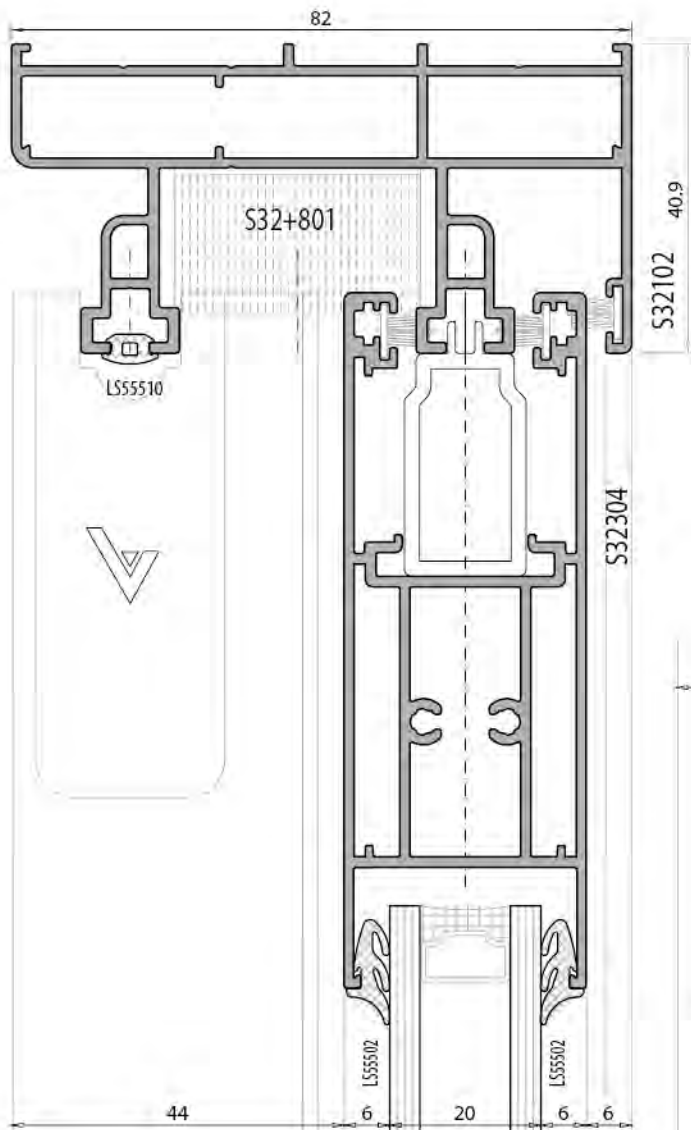


SİSTEM DETAYLARI / SYSTEM DETAILS

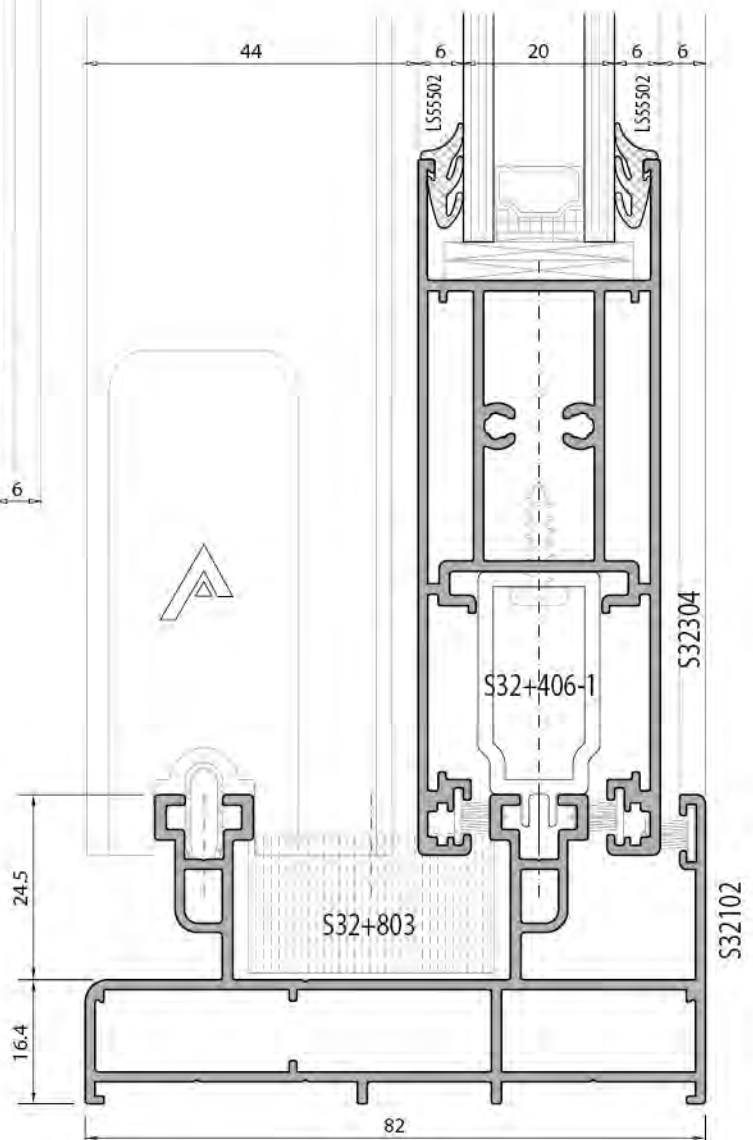


klasik sürme açılım sistem detayı
classical sliding opening system detail





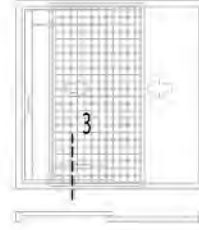
klasik sürme açılım sistem detayı
classical sliding opening system detail



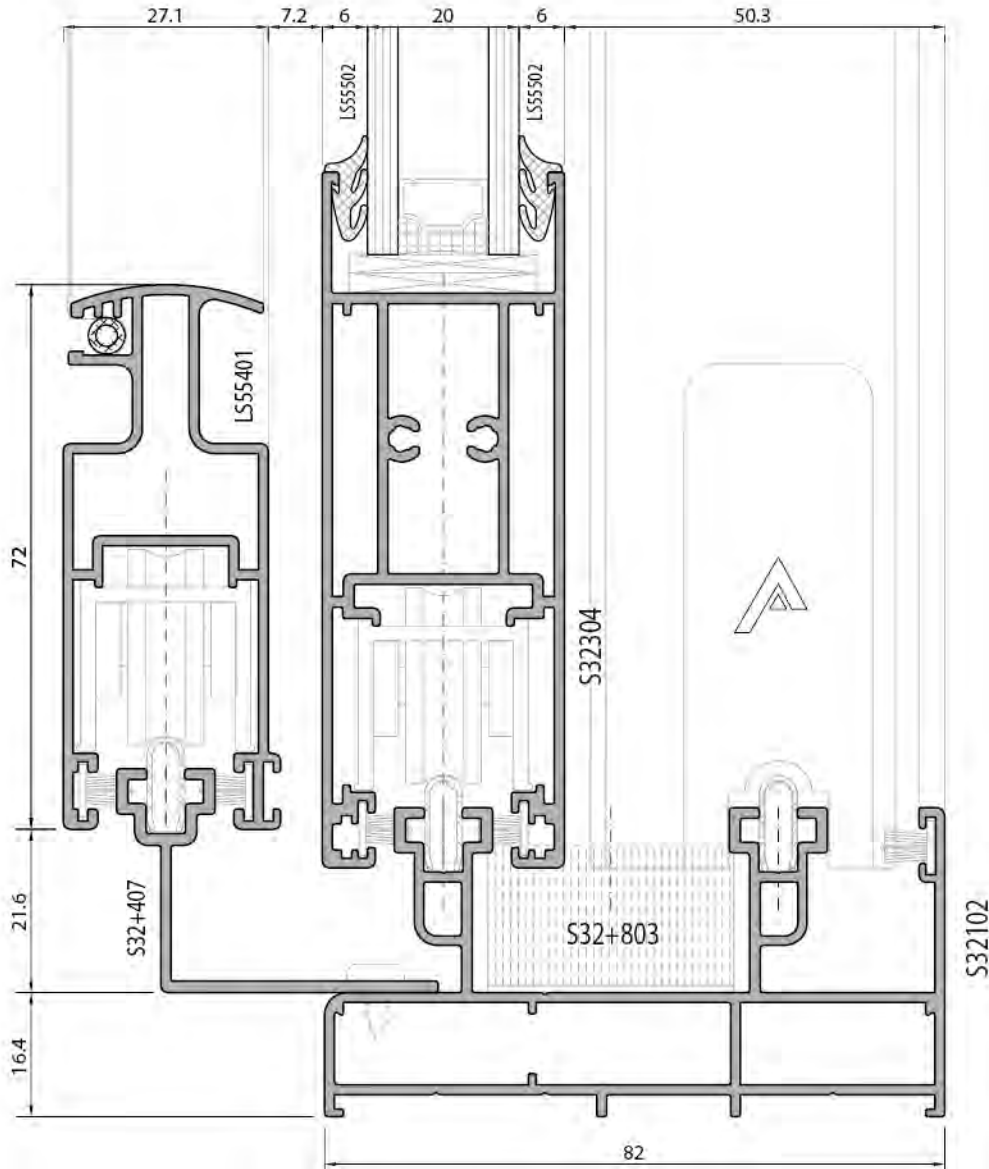
SİSTEM DETAYLARI / SYSTEM DETAILS

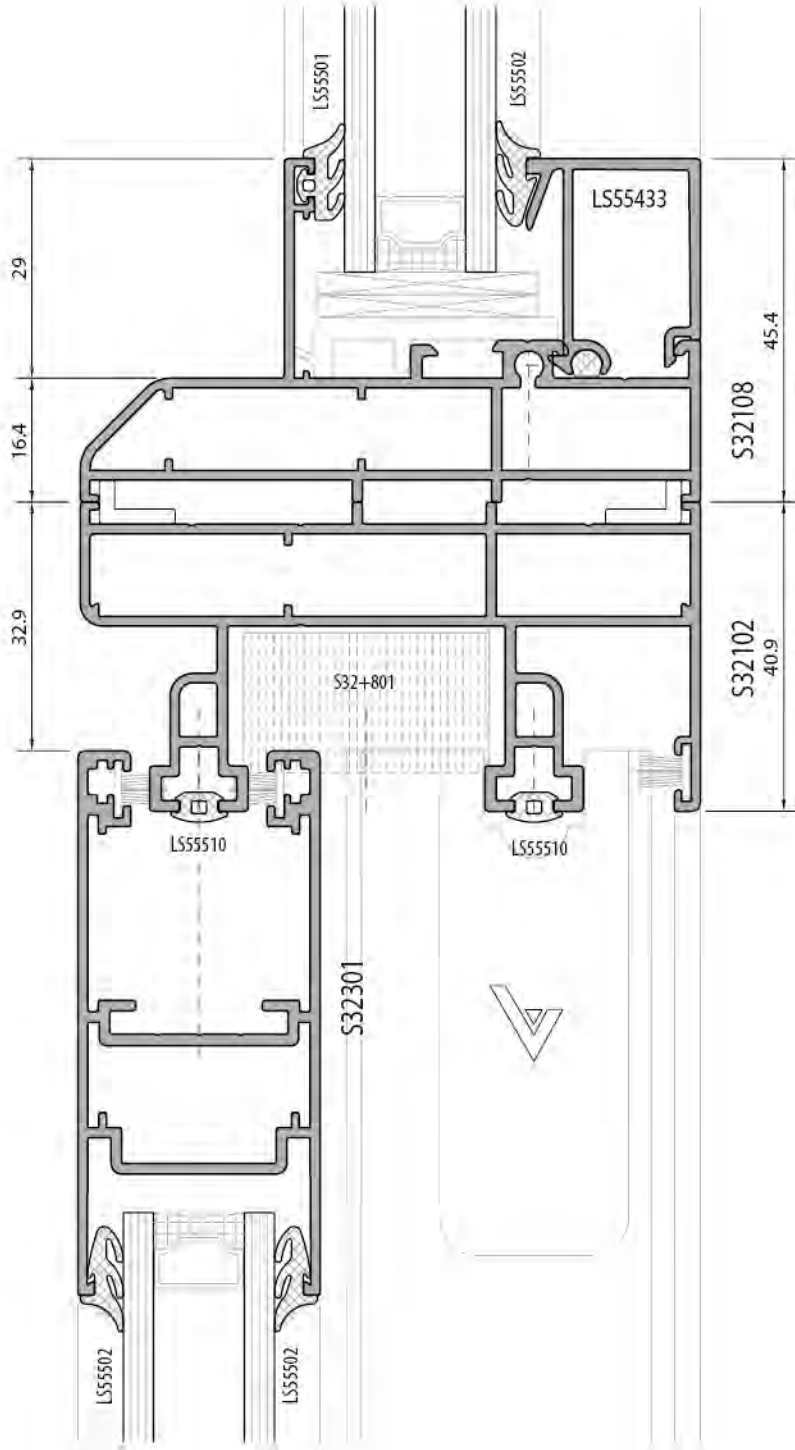


klasik sürme açılım sistem detayı
classical sliding opening system detail

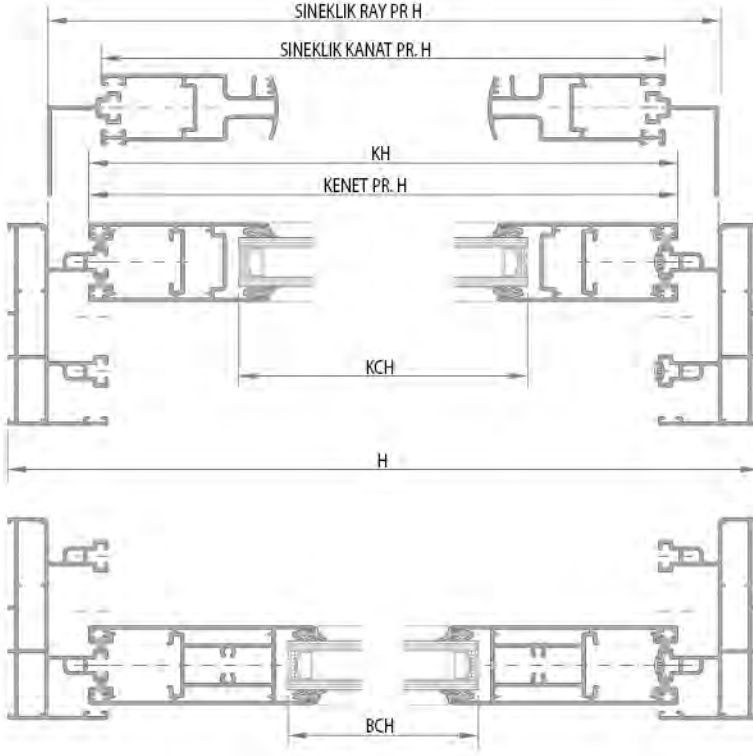


sineklik sistem
flyscreen system





klasik sürme açılım sistem detayı
classical sliding opening system detail

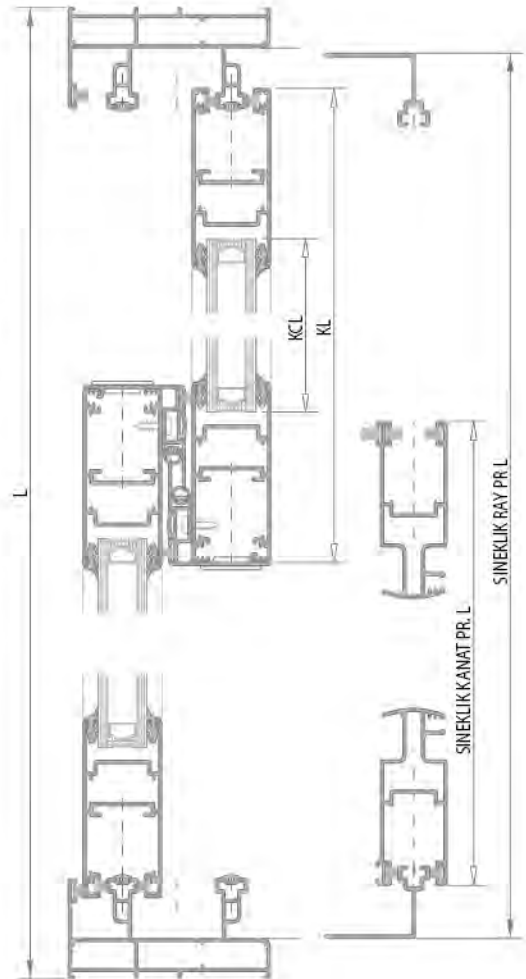
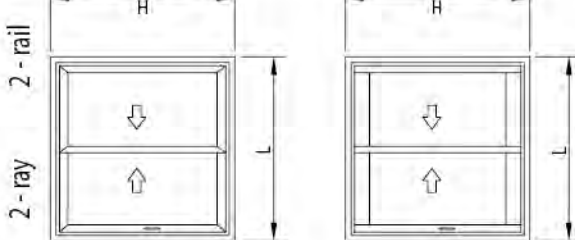


İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni sürme Yüksekliği	± L ± H
Kanat Eni	± KL
Baza Kanat Eni	± BKL
Kanat Yüksekliği	± KH
Kanat Cam Eni	± KCL
Kanat Cam Yüksekliği	± KCH
Baza Kanat Cam Yüksekliği	± BCH
Kanat Çıta Eni	± K.Çıta L
Kanat Çıta Yüksekliği	± K.Çıta H
Kenet Profili H	± H-66
Sineklik Ray Profili L	L-33
Sineklik Ray Profili H	H-33
Sineklik Kanat Profili L	L/2+2
Sineklik Kanat Profili H	H-66

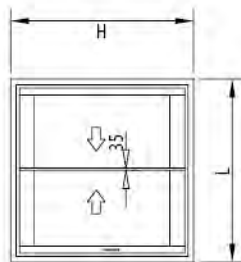
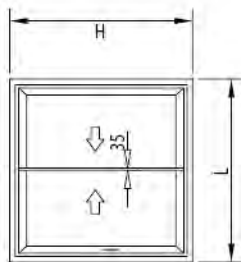
* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING



KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

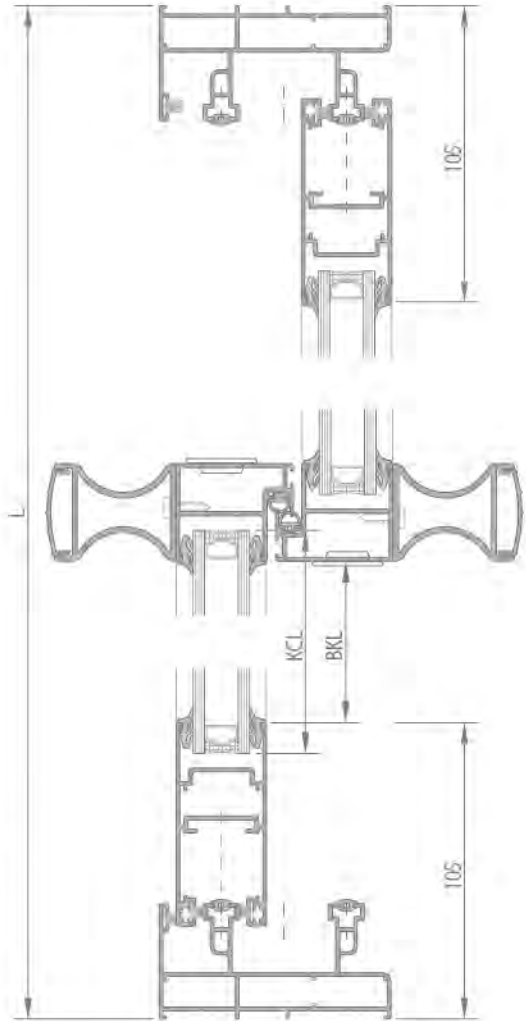
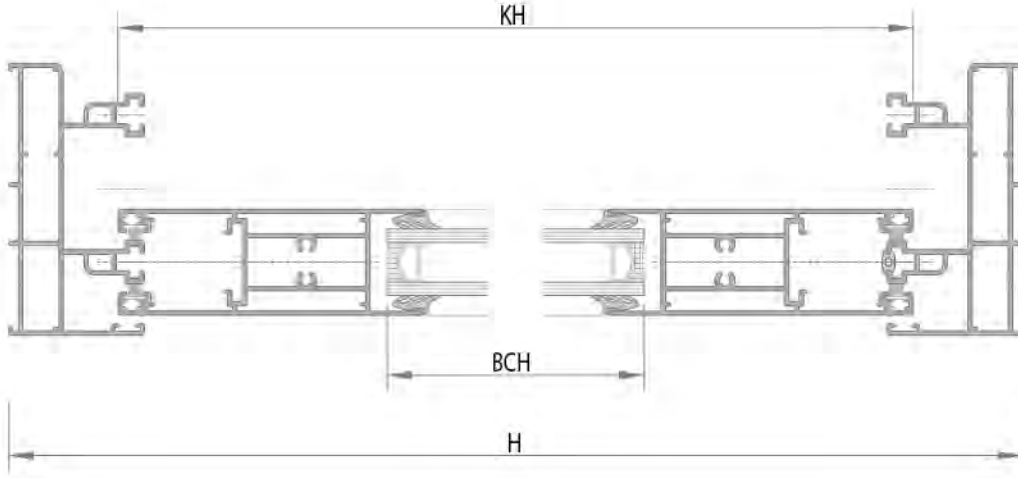
2-ray 2-rail



İmalat ve Kesim Planı
Cutting Dimensions

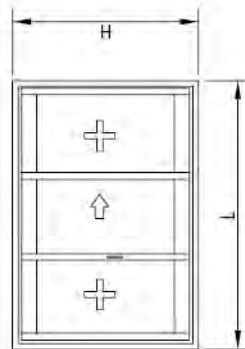
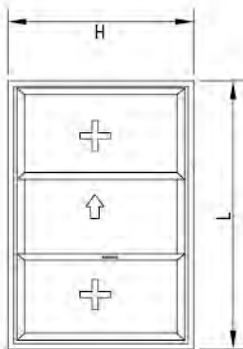
Sürme Eni sliding Width	: L	H
Kanat Eni wing width	: KL	L/2 - 16
Baza Kanat Eni base wing width	: BKL	KL-148
Kanat Yüksekliği wing height	: KH	H - 66 (45° birli.) H - 70 (90° birli.)
Kanat Cam Eni wing glass width	: KCL	L/2 - 100
Kanat Cam Yüksekliği wing glass height	: KCH	H - 188
Baza Kanat Cam Yüksekliği base wing glass height	: BCH	H - 228
Kanat Çıta Eni wing profile width	: K Çıta L	KL-112
Kanat Çıta Yüksekliği wing profile height	: K Çıta H	KH-144
Kanat Profili H wing profile H	: H - 66	
Baz Kanat Profili H base wing profile H	: H - 66	

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

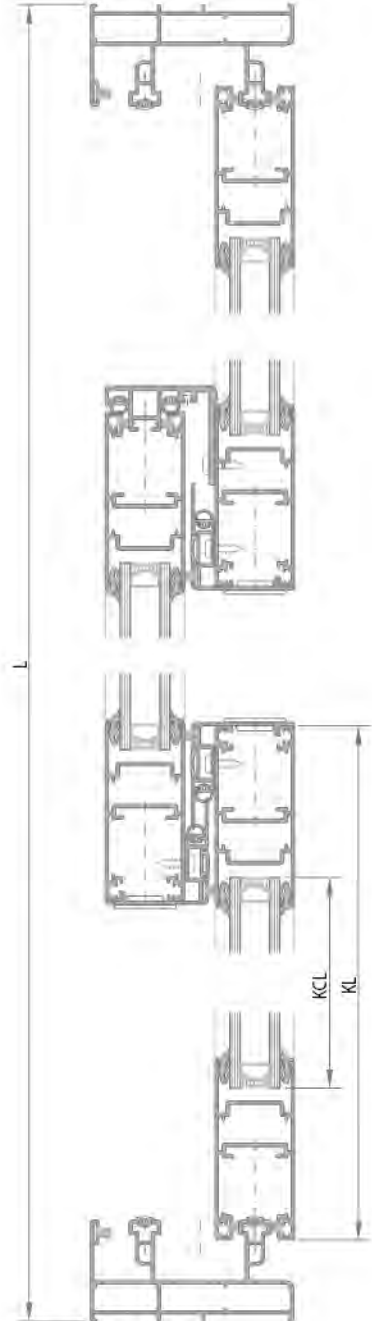
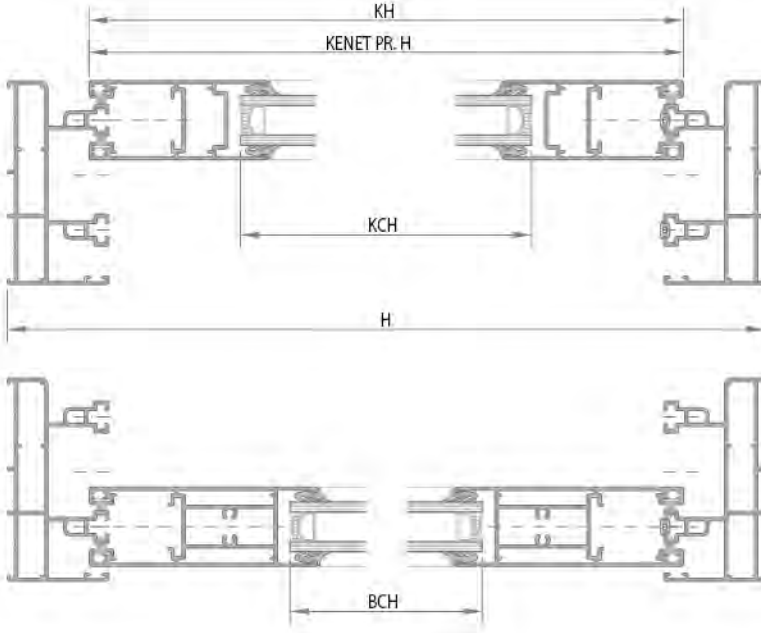
2 - ray 2 - rail



İmalat ve Kesim Planı
Cutting Dimensions

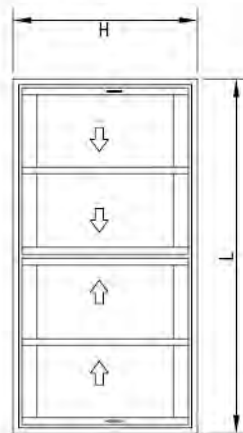
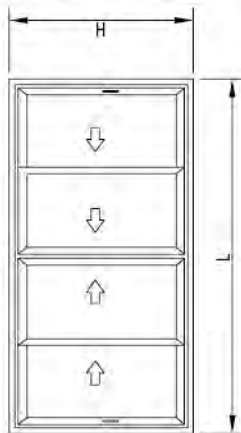
Sürme Eni sürme Yüksekliği	: L : H	
Kanat Eni	: KL	L/3 + 25
Baza Kanat Eni	: BKL	KL-148
Kanat Yüksekliği	: KH	H - 66 (45° birl.) H - 70 (90° birl.)
Kanat Cam Eni	: KCL	L/3 - 97
Kanat Cam Yük	: KCH	H - 188
Baza Kanat Cam Yük	: BCH	H - 228
Kanat Çita Eni	: K.Cita L	KL-112
Kanat Çita Yük	: K.Cita H	KH-144
Kenet Profili H	:	H - 66
Sabit Kanat Kenet Pr. H	:	H-33

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

2 - ray 2 - rail

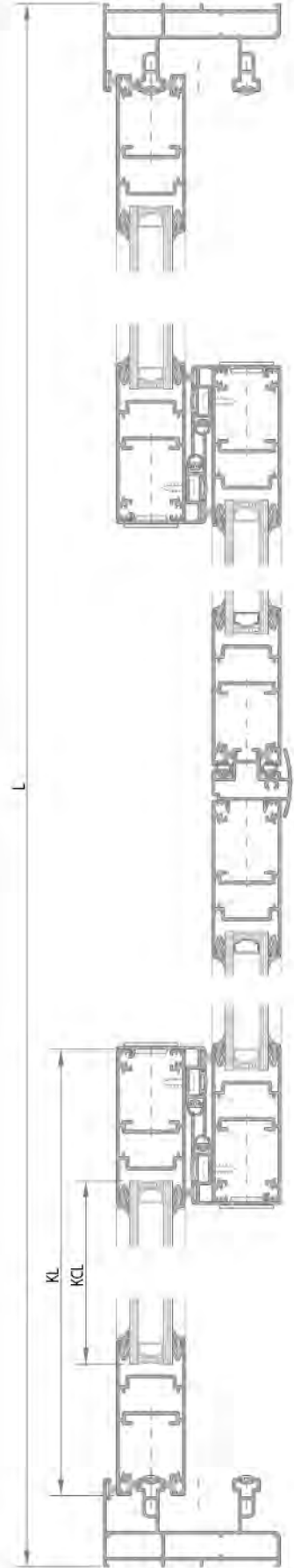
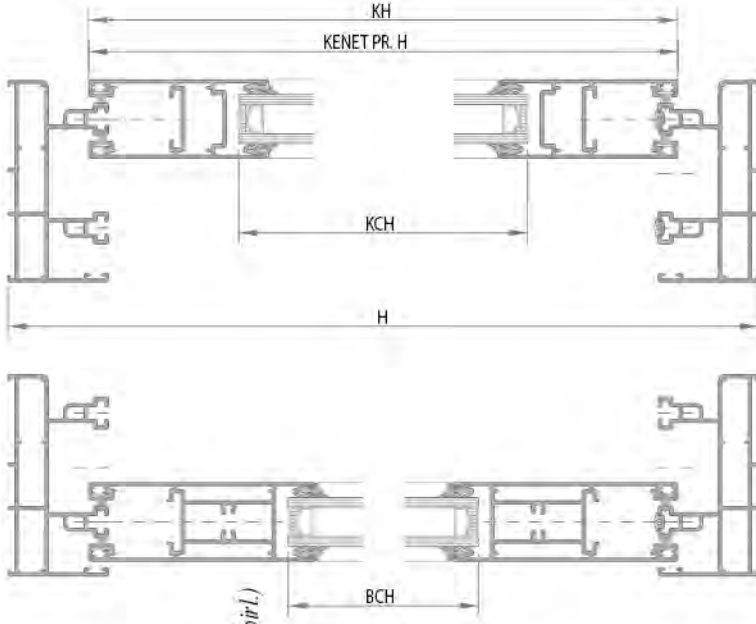


İmalat ve Kesim Planı
Cutting Dimensions

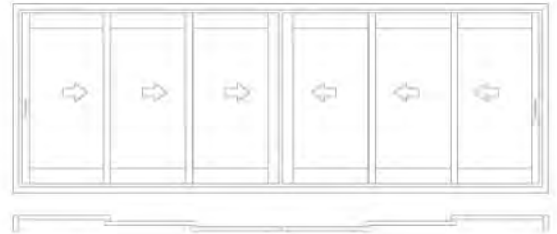
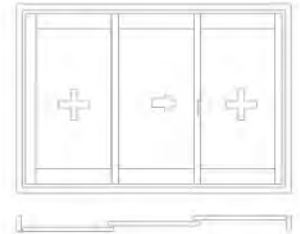
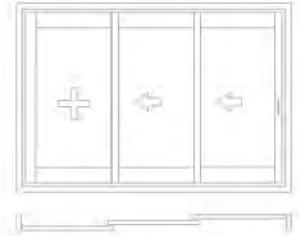
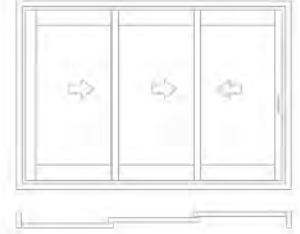
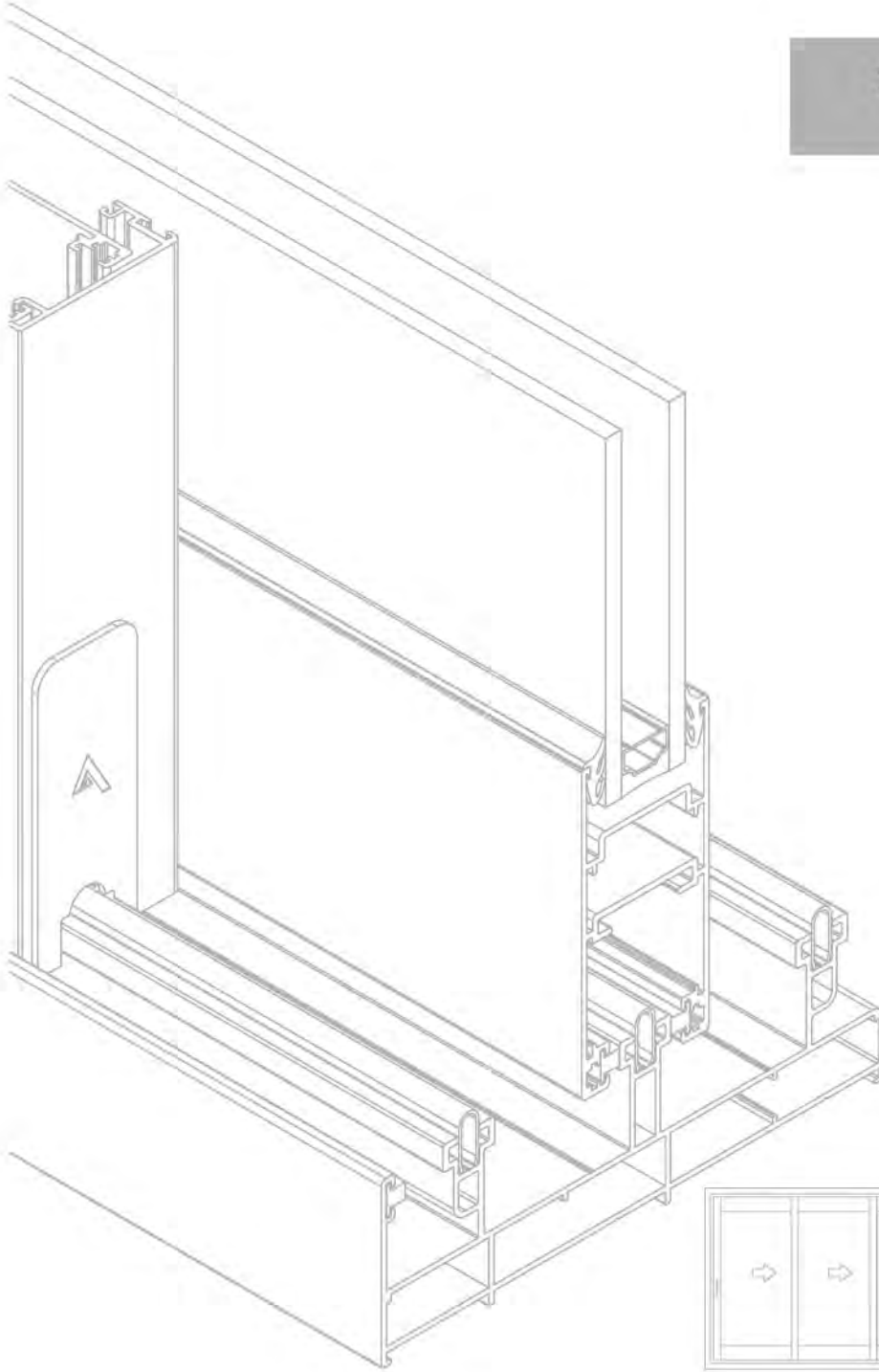
Sürme Eni sliding Width	: L
Sürme Yüksekliği sliding Height	: H
Kanat Eni wing Width	: KL
Baza Kanat Eni base wing Width	: BKL
Kanat Yüksekliği wing Height	: KH
Kanat Cam Eni wing glass Width	: KCL
Kanat Cam Yüksekliği wing glass Height	: KCH
Baza Kanat Cam Yüksekliği base wing glass Height	: BCH
Kanat Çita Eni wing Head Width	: K.Cita L
Kanat Çita Yüksekliği wing Head Height	: K.Cita H
Kanat Profili H wing Profile H	: H - 66
Kanat Birlik Adaptörü wing Unit Adapter	: KH-29

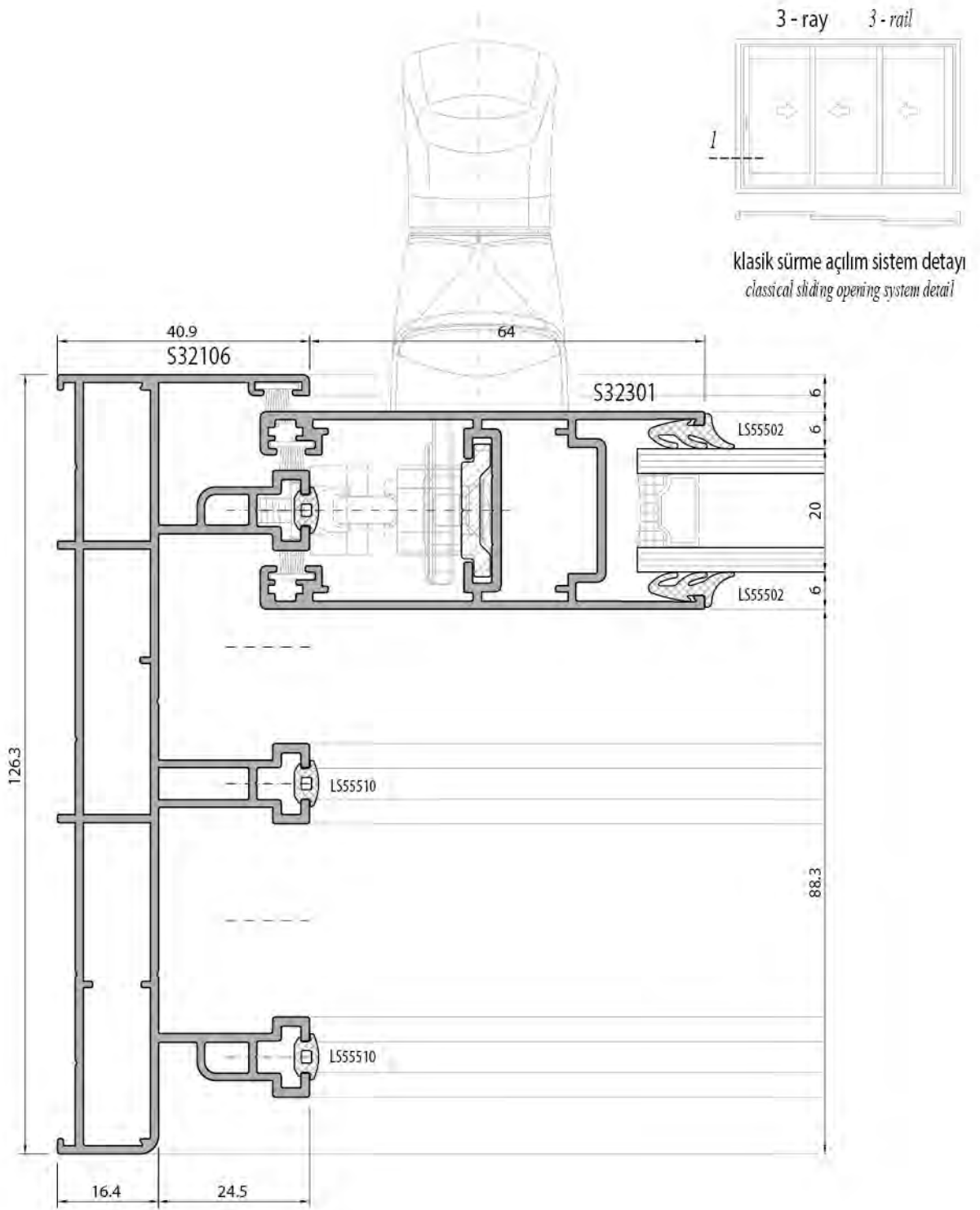
* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.

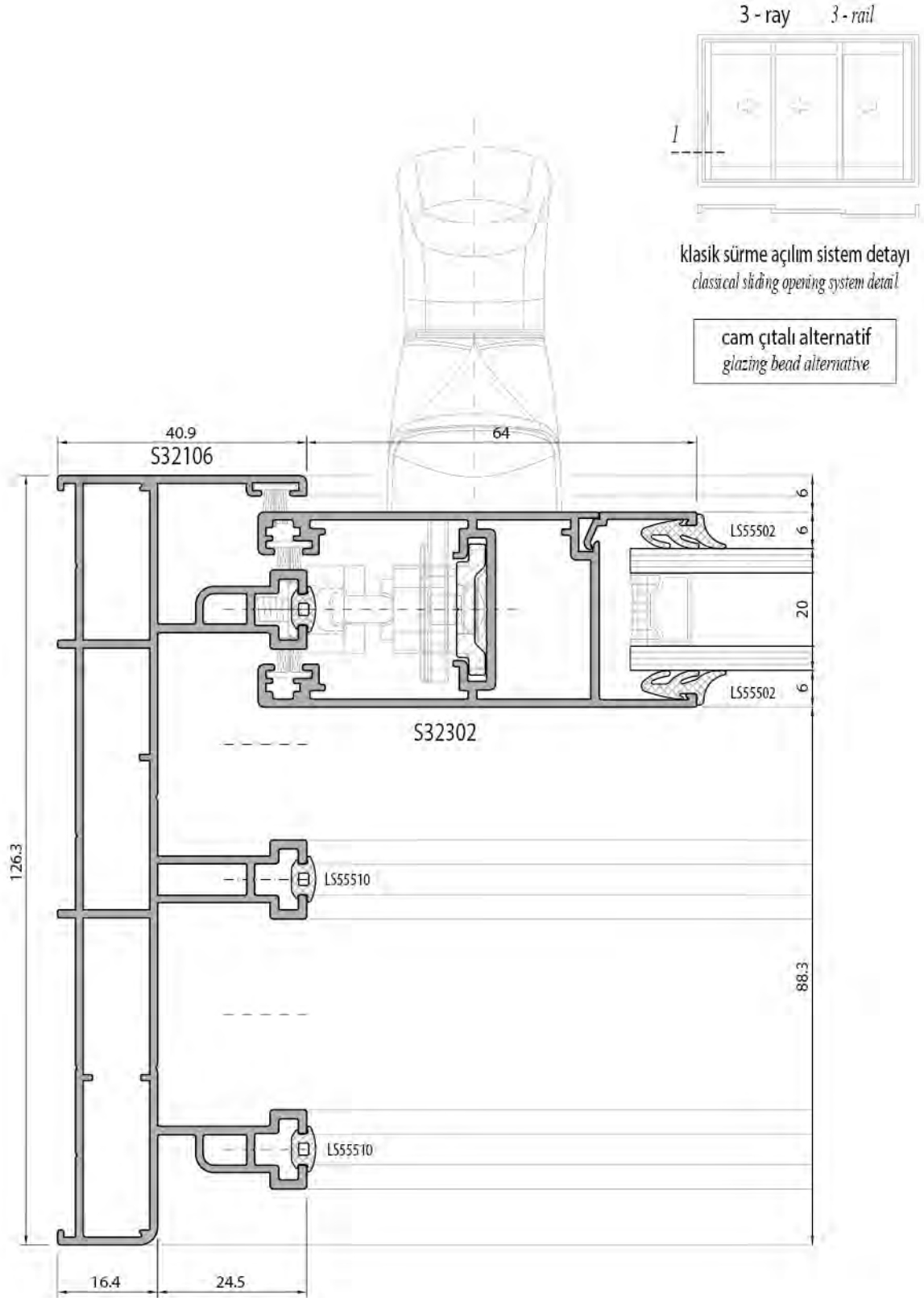
The calculation method was made on the basis of the equality of the glasses.



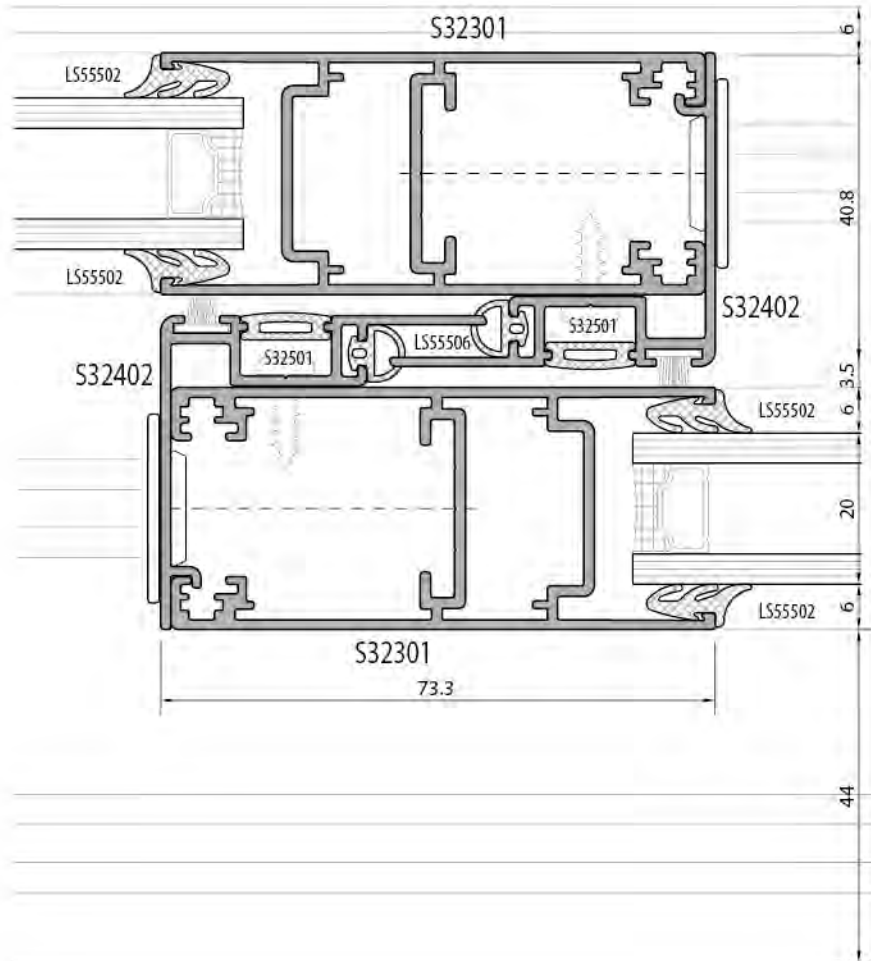
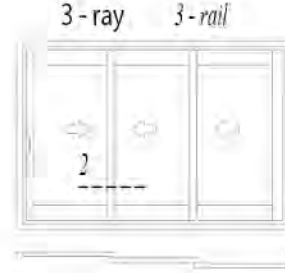
3 - RAY PROFİL SİSTEMİ
3 - RAIL PROFILE SYSTEM





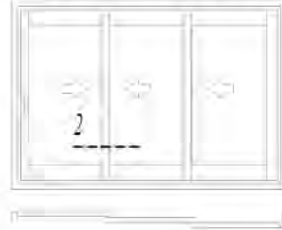


klasik sürme açılım sistem detayı
classical sliding opening system detail

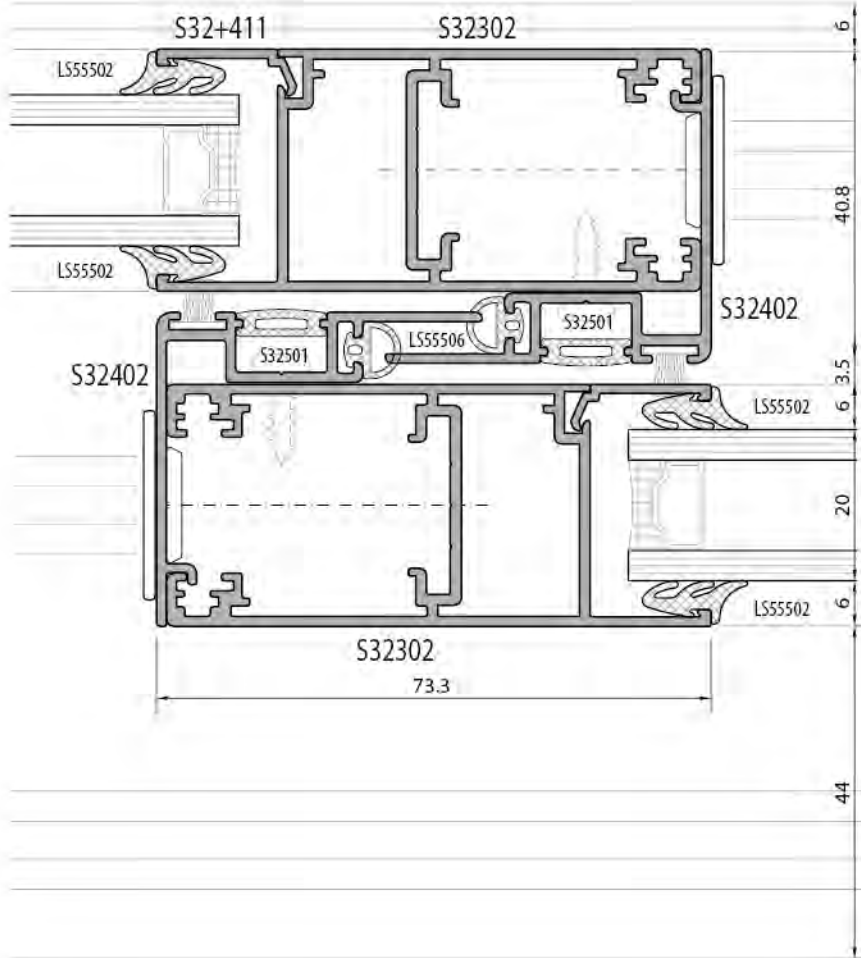


klasik sürme açılım sistem detayı
classical sliding opening system detail

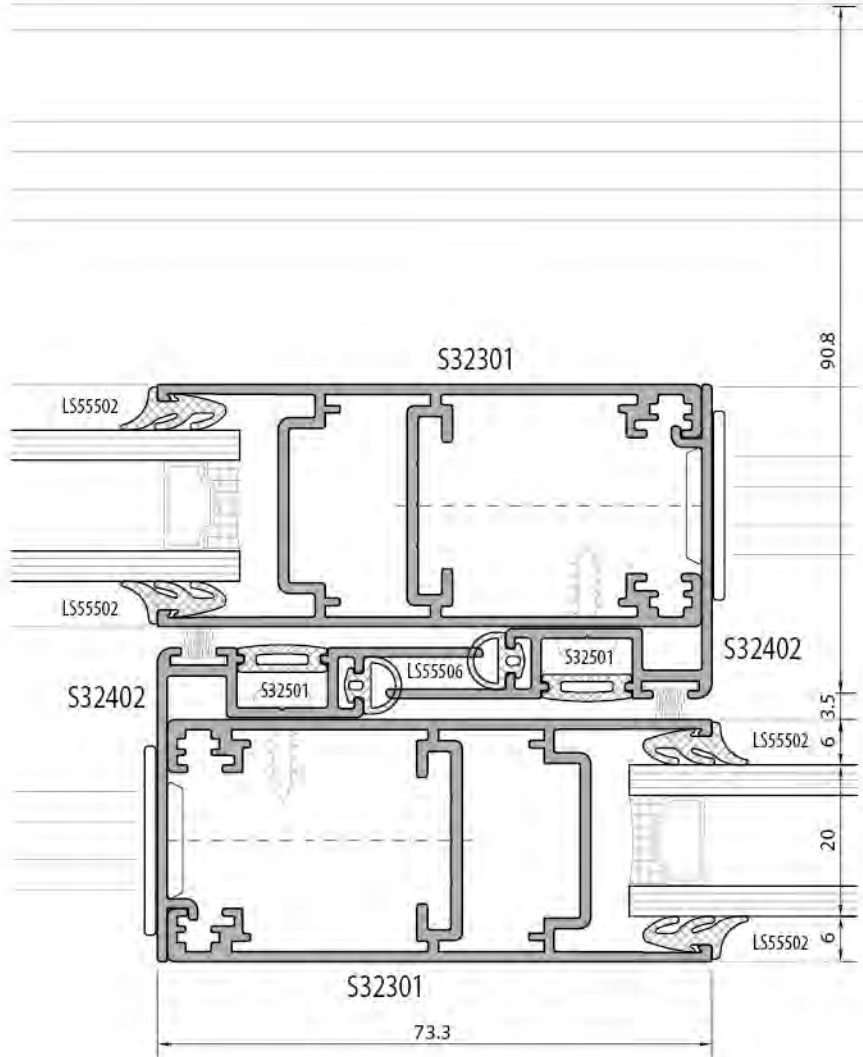
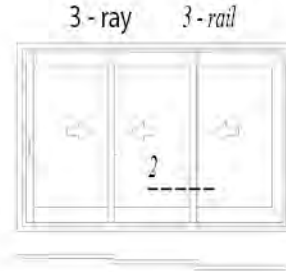
3 - ray 3 - rail



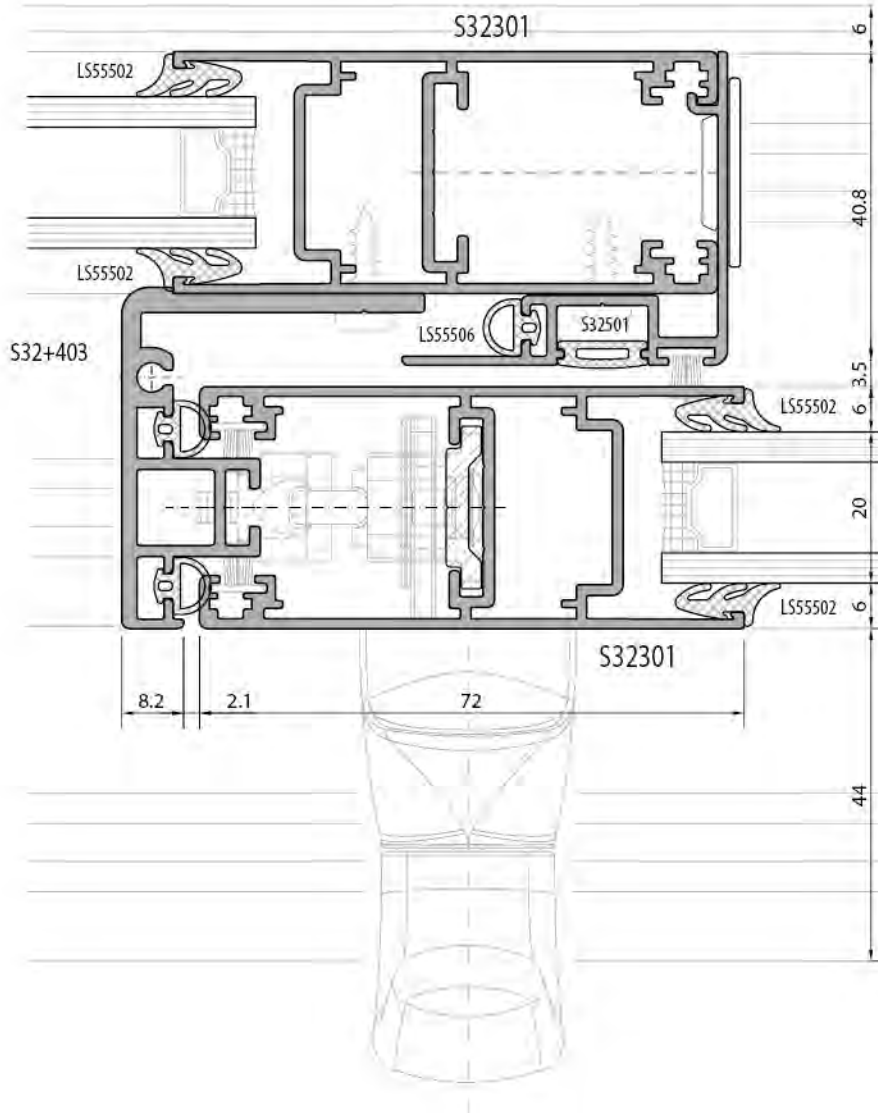
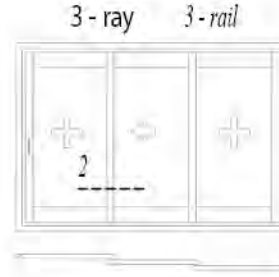
cam çıtalı alternatif
glazing bead alternative



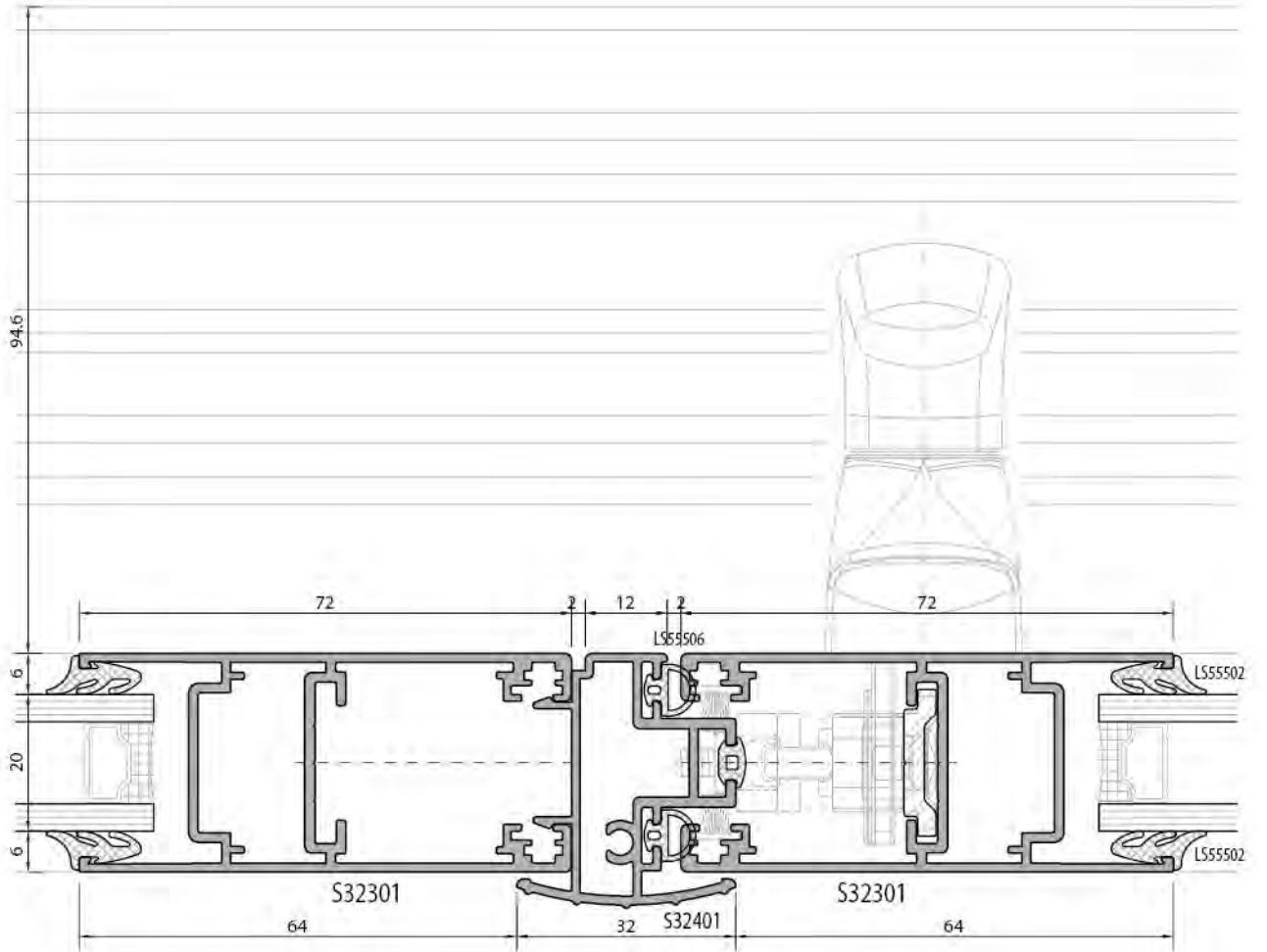
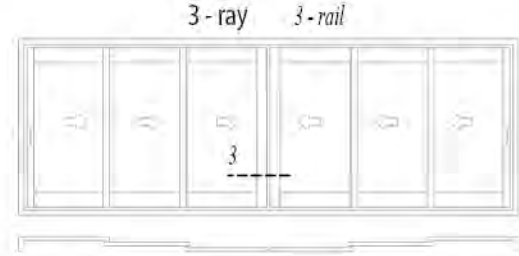
klasik sürme açılım sistem detayı
classical sliding opening system detail



klasik sürme açılım sistem detayı
classical sliding opening system detail

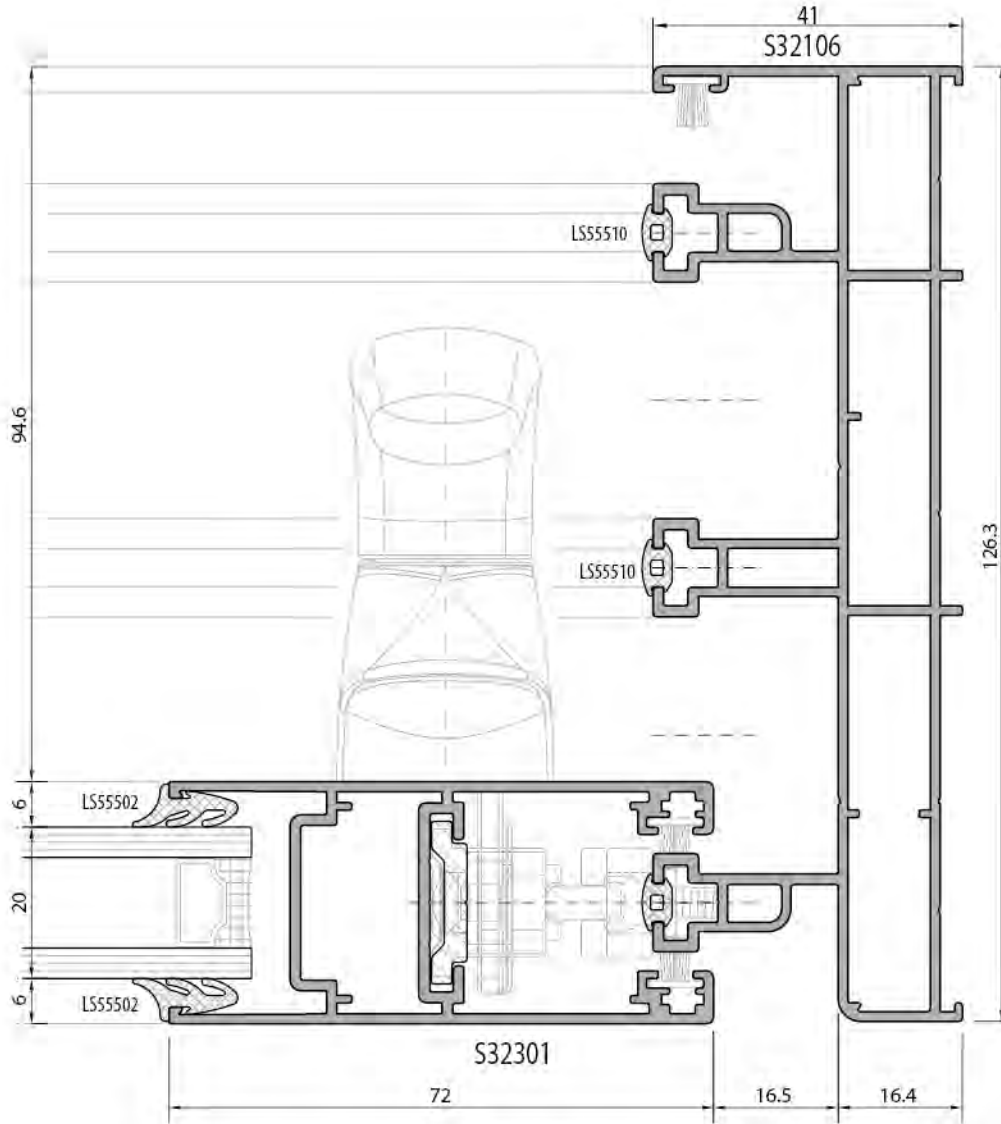
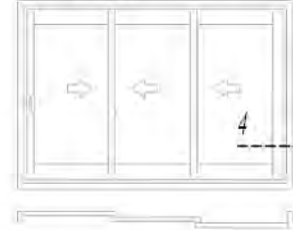


klasik sürme açılım sistem detayı
classical sliding opening system detail

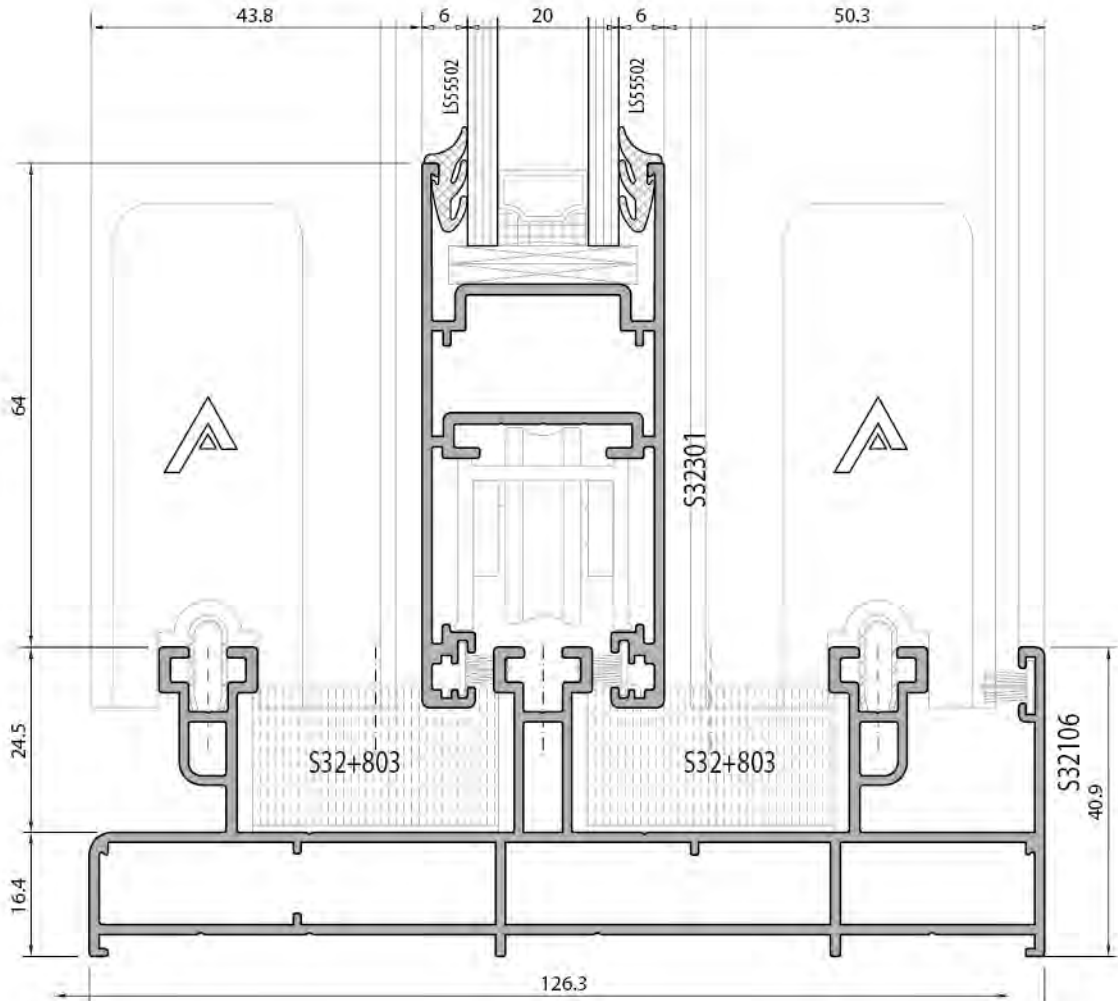
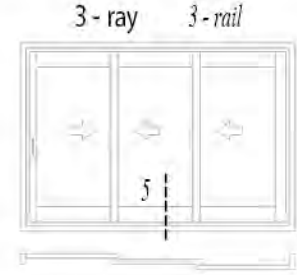


klasik sürme açılım sistem detayı
classical sliding opening system detail

3 - ray 3 - rail

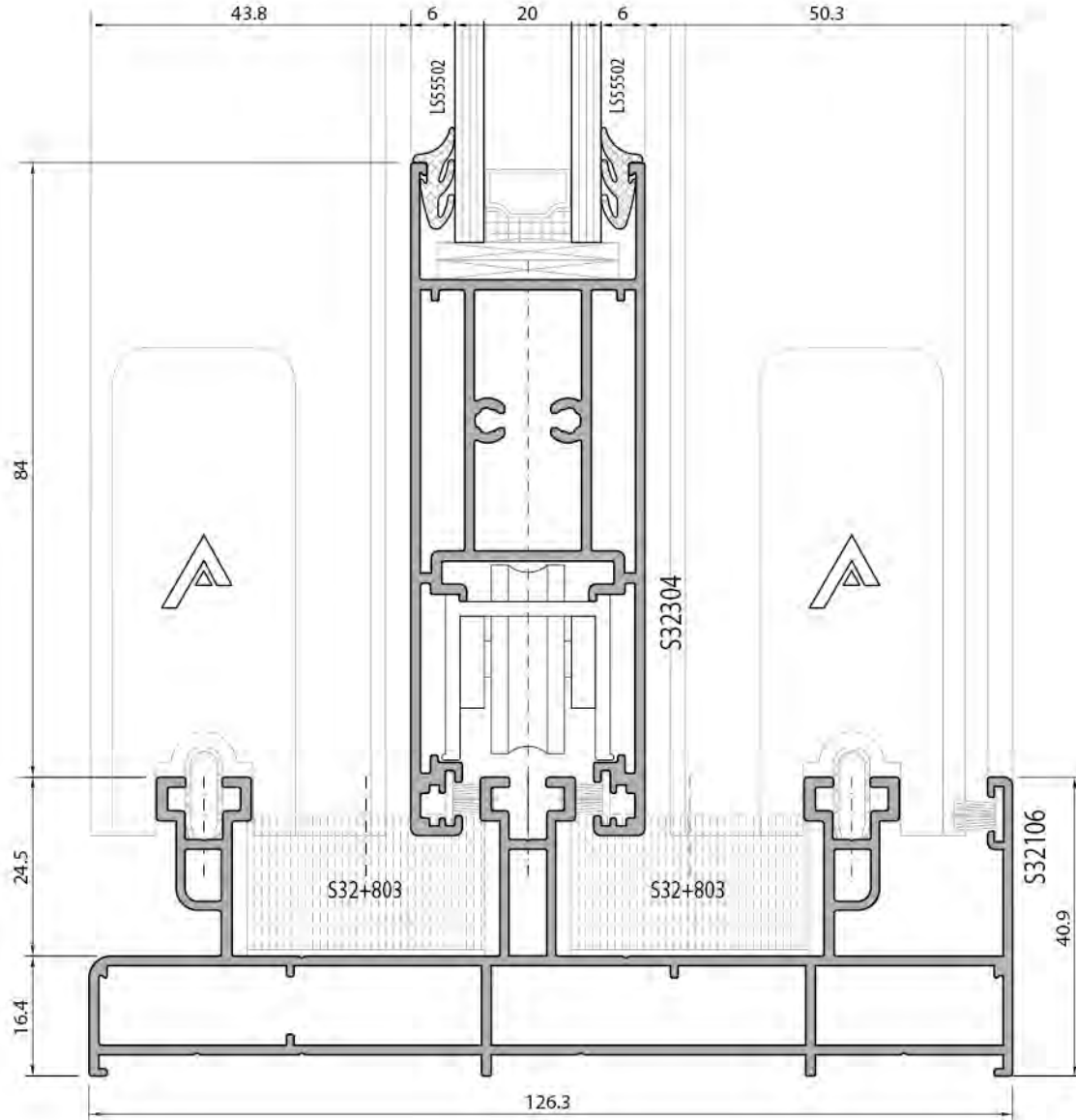
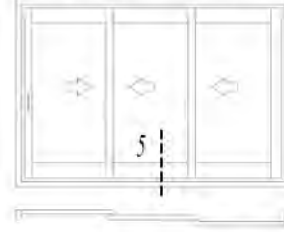


klasik sürme açılım sistem detayı
classical sliding opening system detail

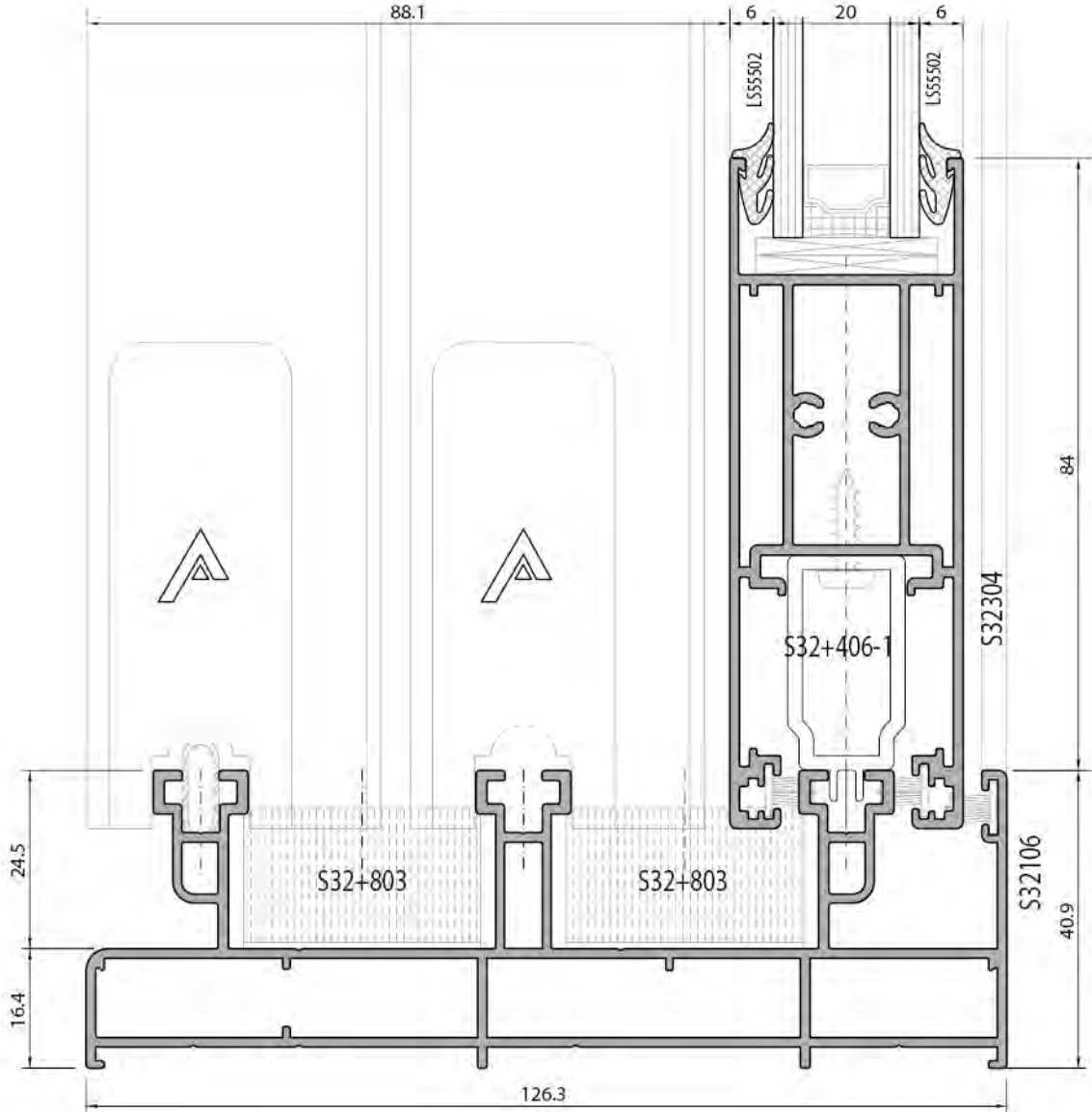
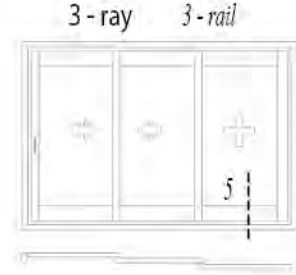


klasik sürme açılım sistem detayı
classical sliding opening system detail

3 - ray 3 - rail

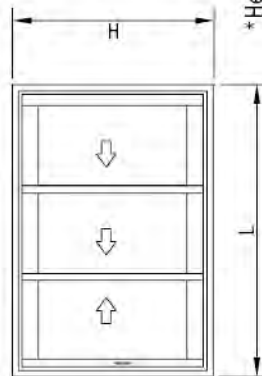
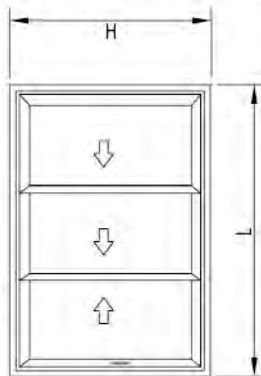


klasik sürme açılım sistem detayı
classical sliding opening system detail



KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

3 - ray 3 - rail



İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni sürme Yüksekliği	: L : H
Kanat Eni	: KL
Baza Kanat Eni	: BKL
Kanat Yüksekliği	: KH
Kanat Cam Eni	: KCL
Kanat Cam Yüksekliği	: KCH
Baza Kanat Cam Yüksekliği	: BCH
Kanat Çıta Eni	: K Çıta L
Kanat Çıta Yüksekliği	: K Çıta H
Kanat Profili H	: H - 66

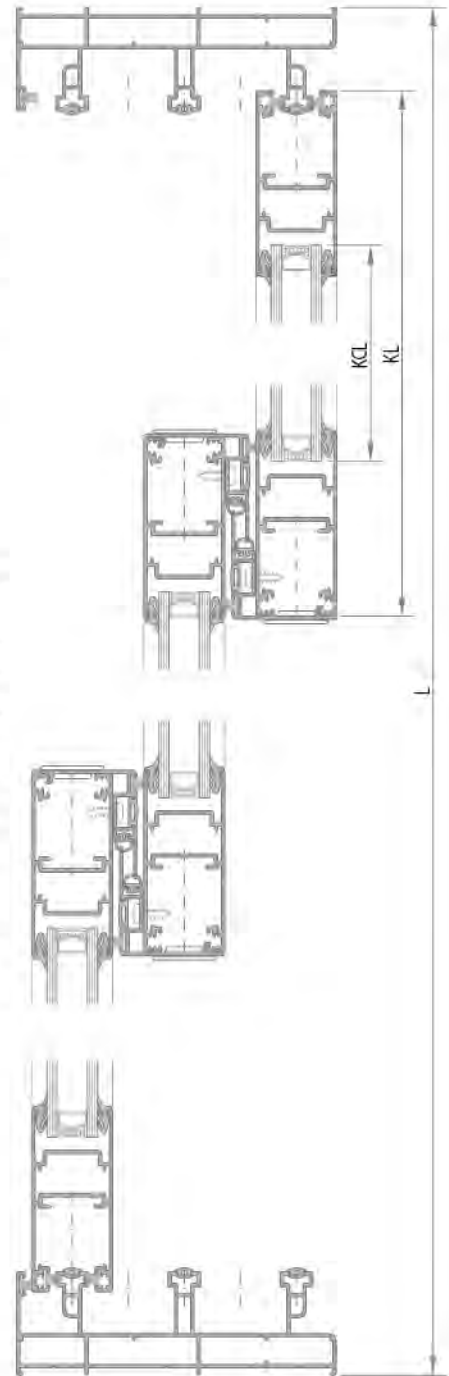
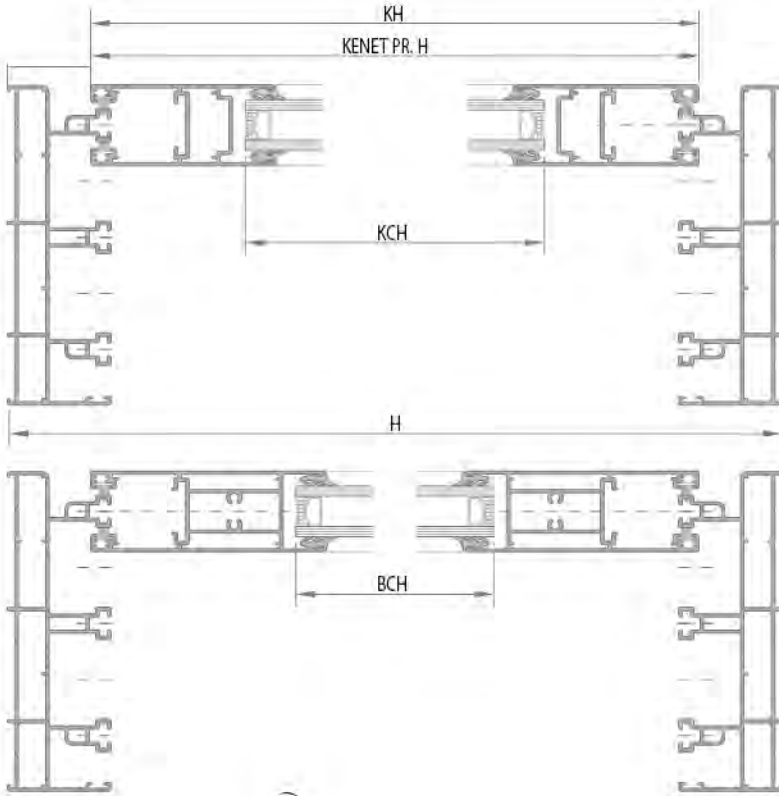
L3 + 25
KL - 148
H - 66 (45° birli) H - 70 (90° birli)

L3 - 97
H - 188
H - 228

KL - 112
KH - 144

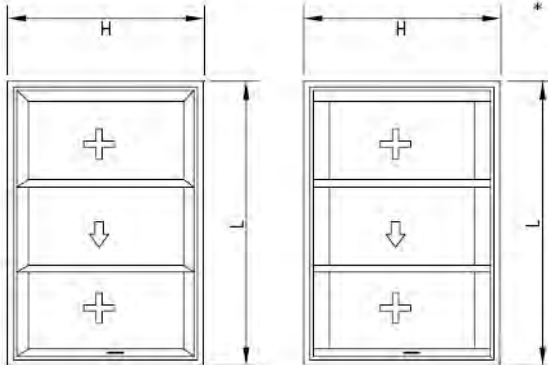
H - 66

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

3 - ray 3 - rail

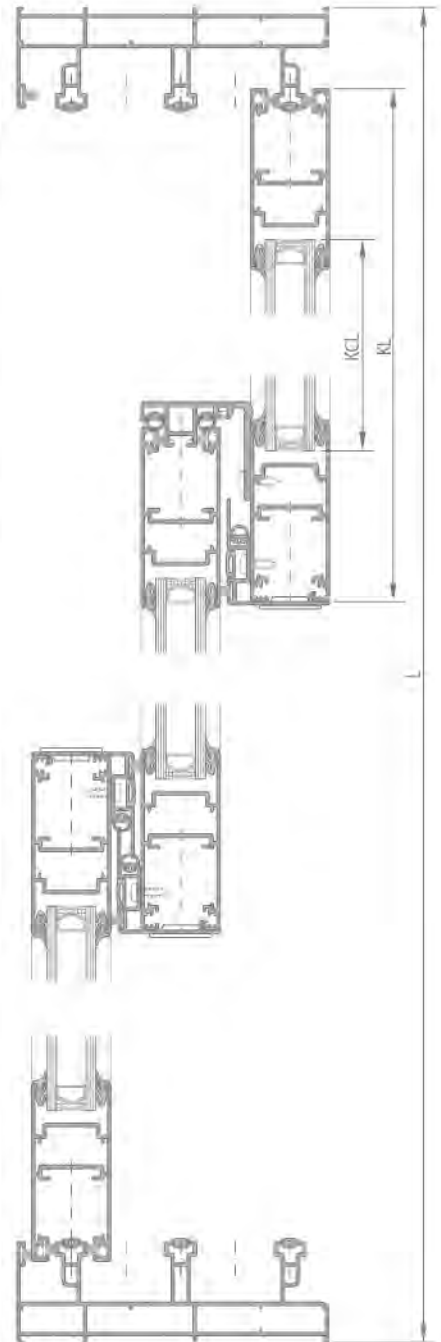
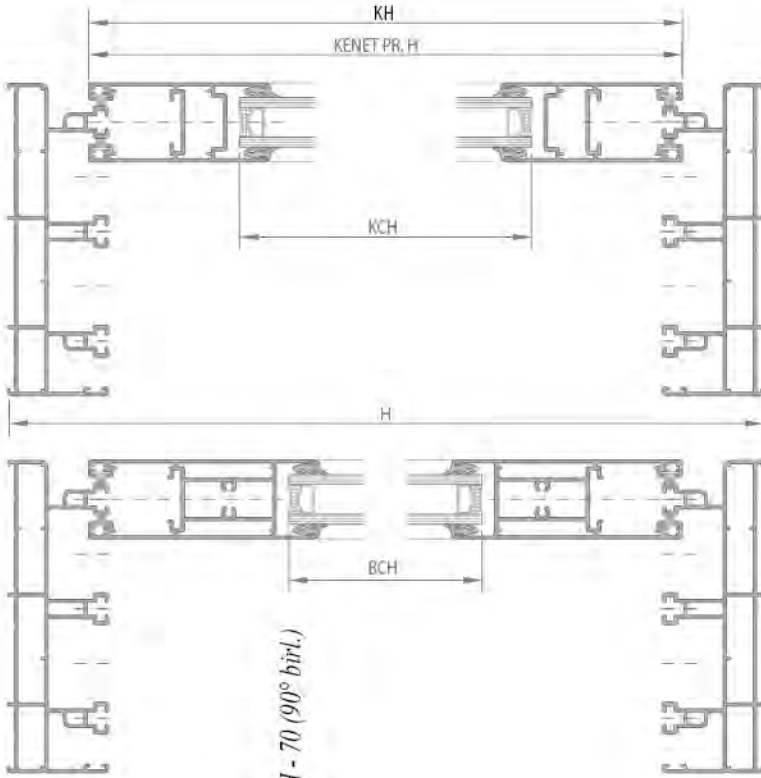


İmalat ve Kesim Planı
Cutting Dimensions

Sürme Eni : L
sürme Yüksekliği : H

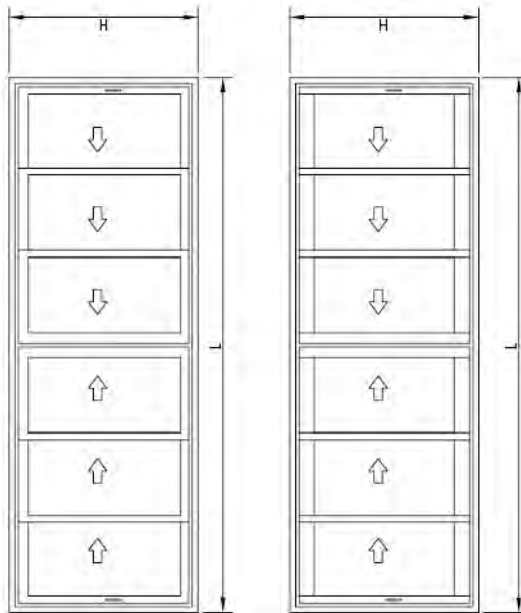
Kanat Eni	: KL	L/3 + 25
Baza Kanat Eni	: BKL	KL-148
Kanat Yüksekliği	: KH	H - 66 (45° birli.) H - 70 (90° birli.)
Kanat Camı Eni	: KCL	L/3 - 97
Kanat Cam Yük	: KCH	H - 188
Baza Kanat Cam Yük	: BCH	H - 228
Kanat Çita Eni	: K.Cita L	KL-112
Kanat Çita Yük	: K.Cita H	KH-144
Kenet Profili H	:	H - 66
Sabit Kanat Kenet Pr. H:	:	H-33

* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.



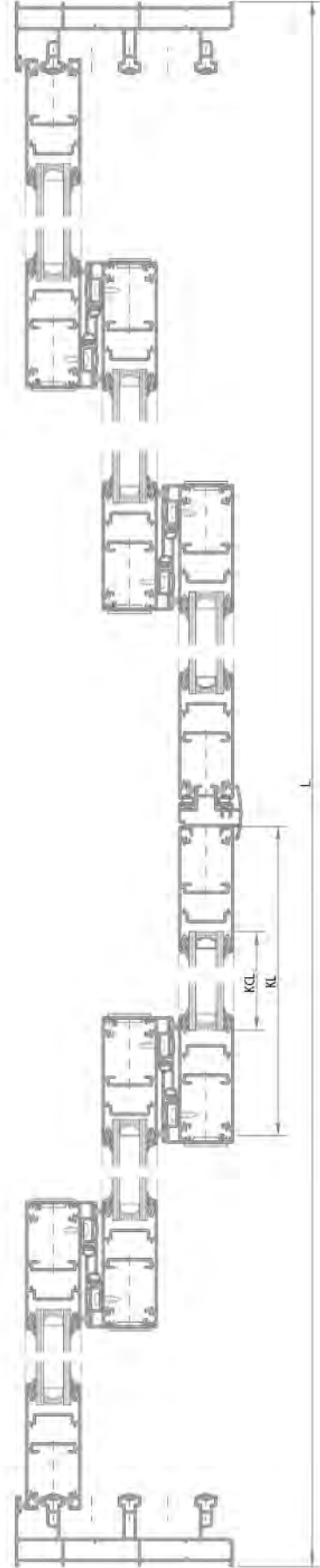
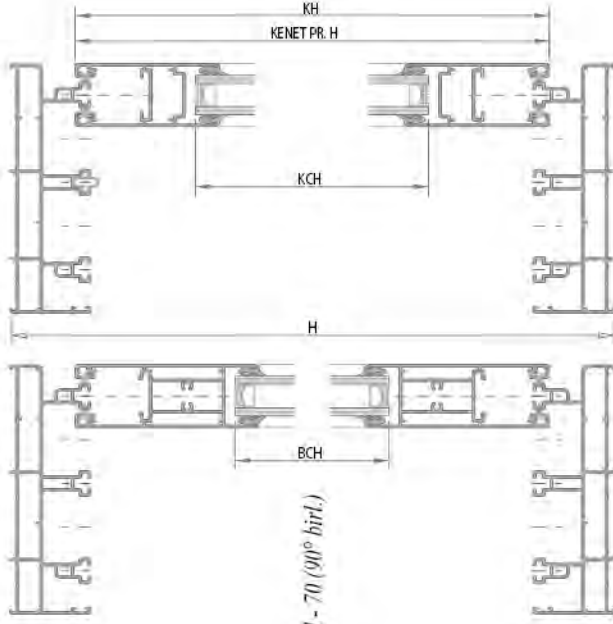
KLASİK SÜRME AÇILIM
CLASSICAL SLIDING OPENING

3 - ray 3 - rail



İmalat ve Kesim Planı
Cutting Dimensions

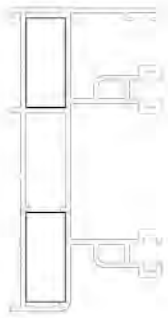
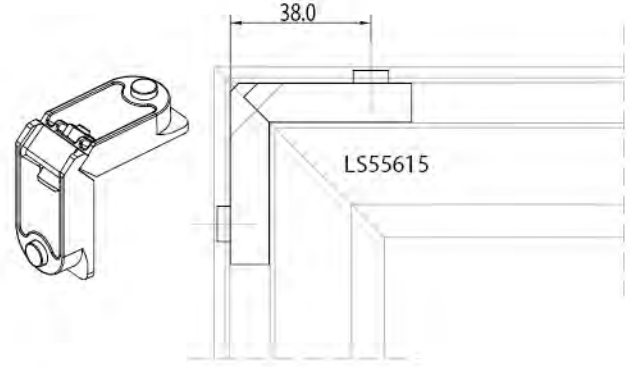
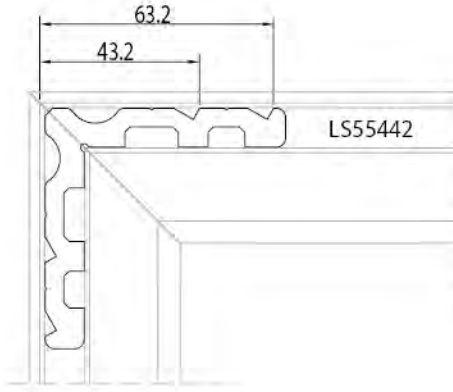
Sürme Eni	: L
Sürme Yüksekliği	: H
Kanal Eni	: KL
Baza Kanal Eni	: BKL
Kanal Yüksekliği	: KH
Kanal Cam Eni	: KCL
Kanal Cam Yük	: KCH
Baza Kanal Cam Yük	: BCH
Kanal Çıta Eni	: K.Cıta L
Kanal Çıta Yük	: K.Cıta H
Kenet Profili H	: H - 66
Kanal Birl. Adap. H	: KH - 29



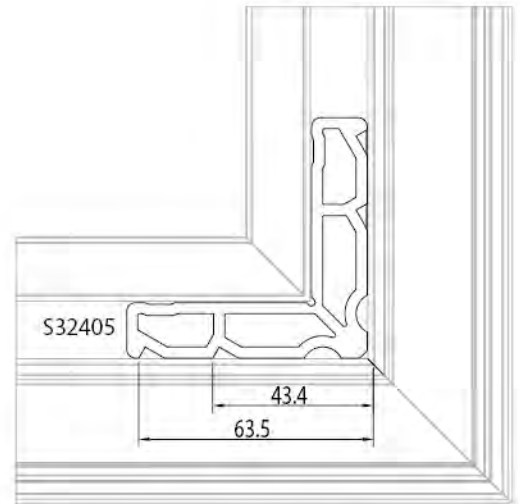
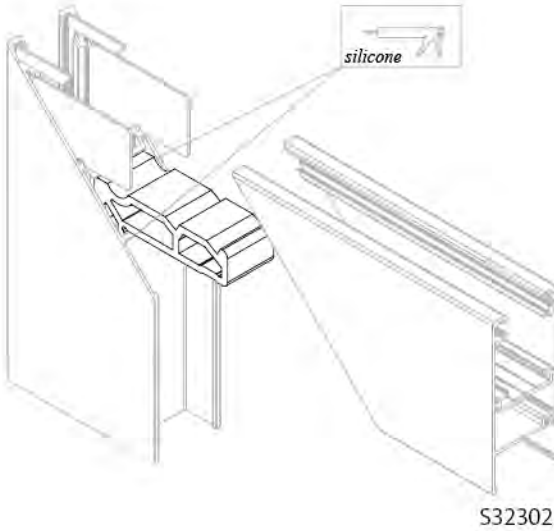
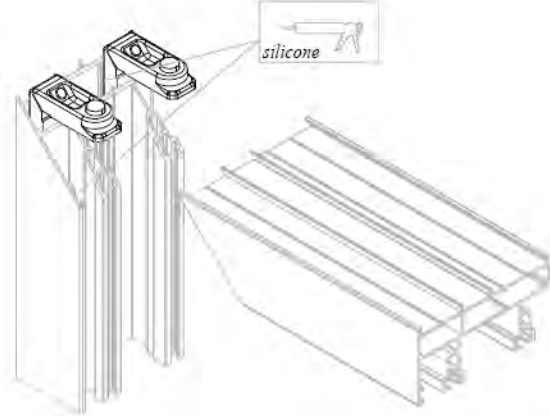
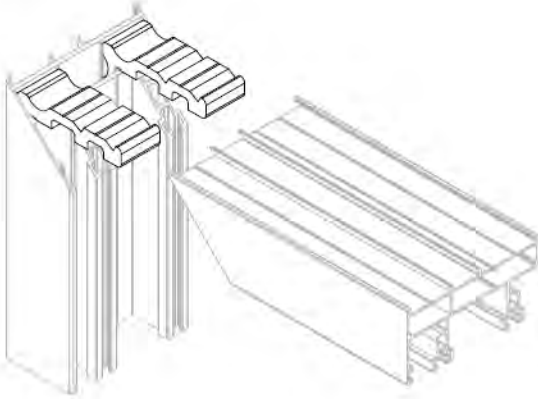
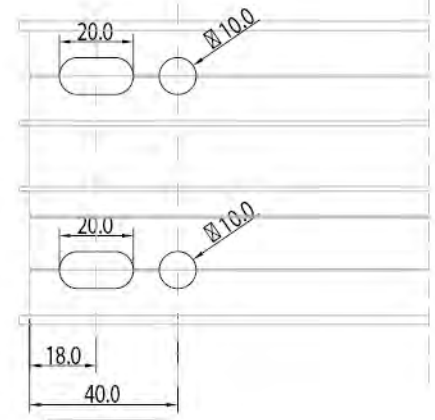
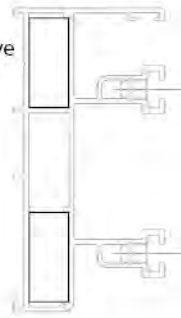
* Hesap yöntemi camların eşit olma esasına göre yapılmıştır.
The calculation method was made on the basis of the equality of the glasses.

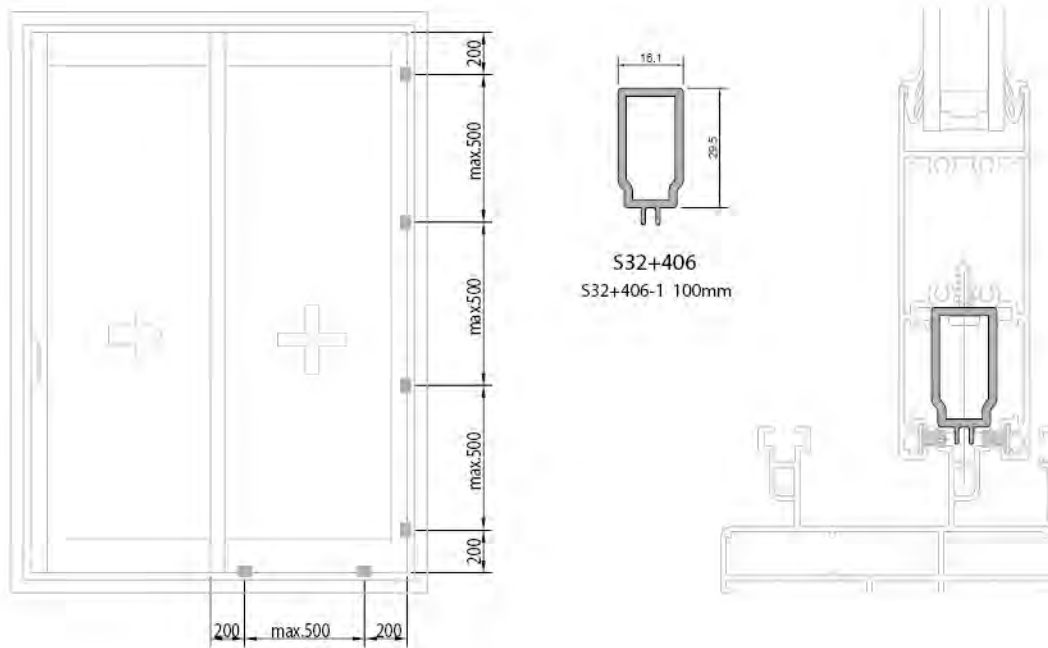
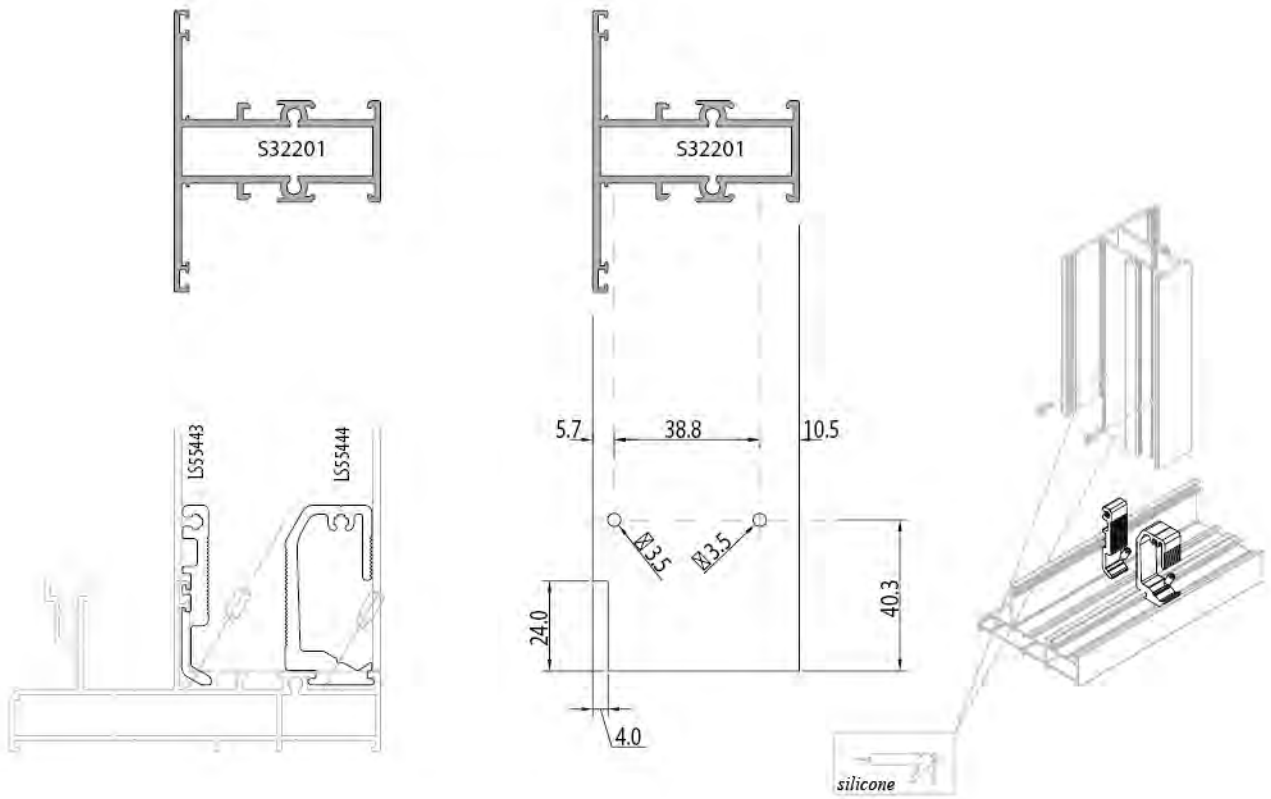
S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



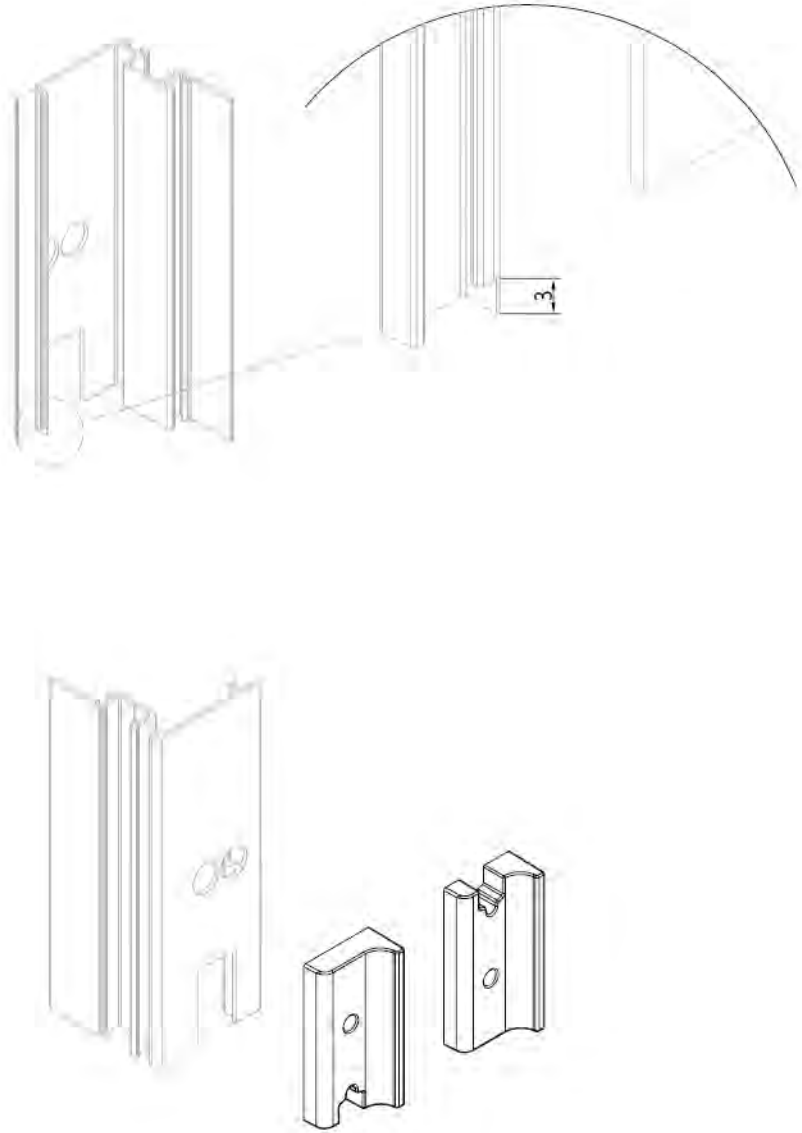
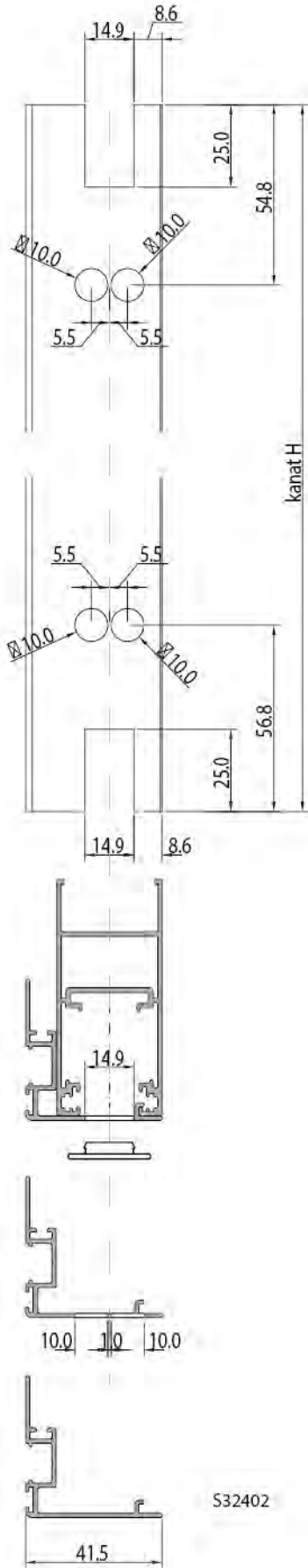
alternative

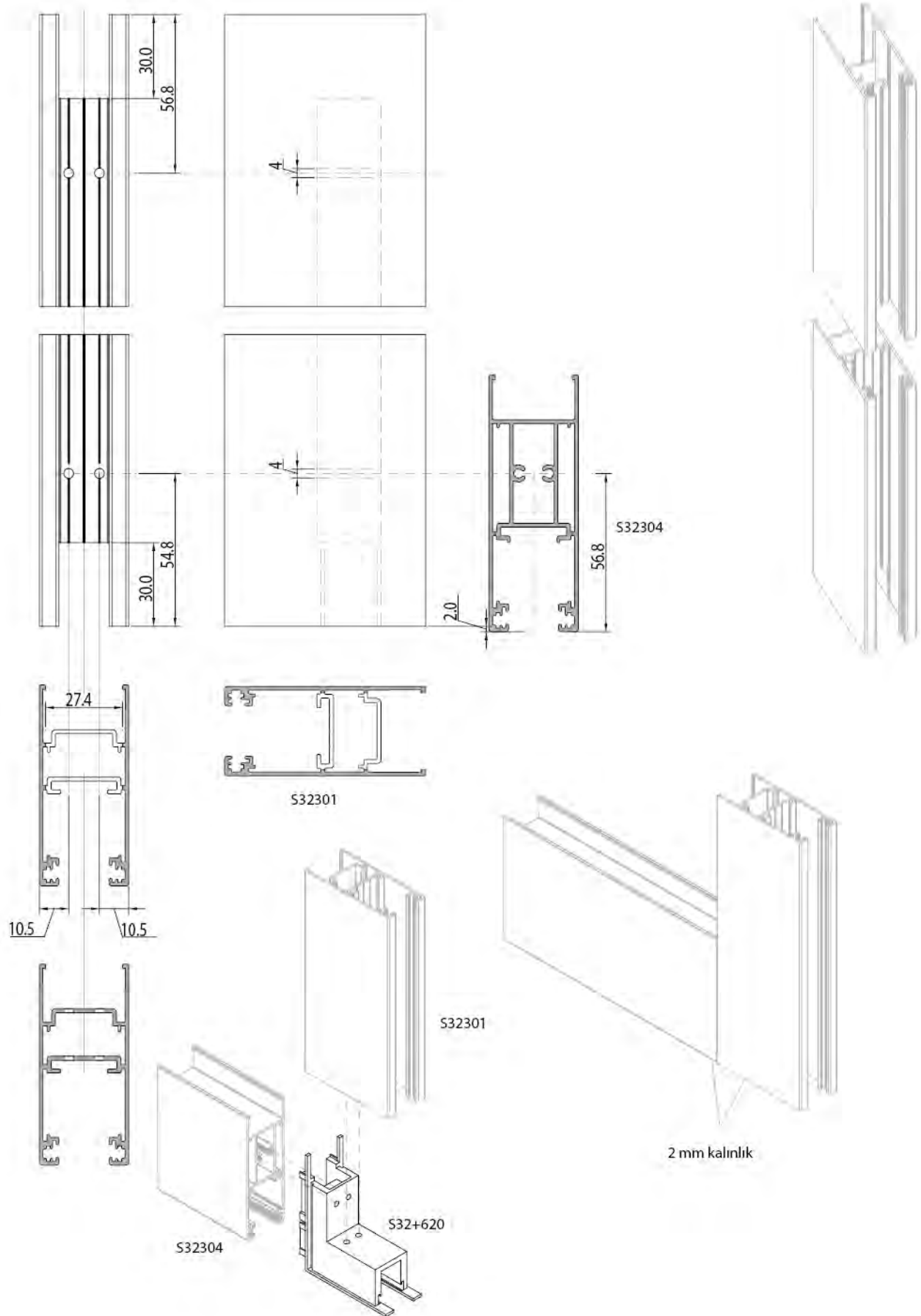




S32 KLASİK SÜRME SİSTEMİ / CLASSICAL SLIDE SYSTEM

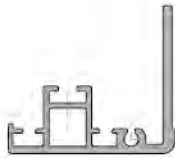
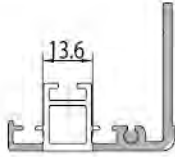
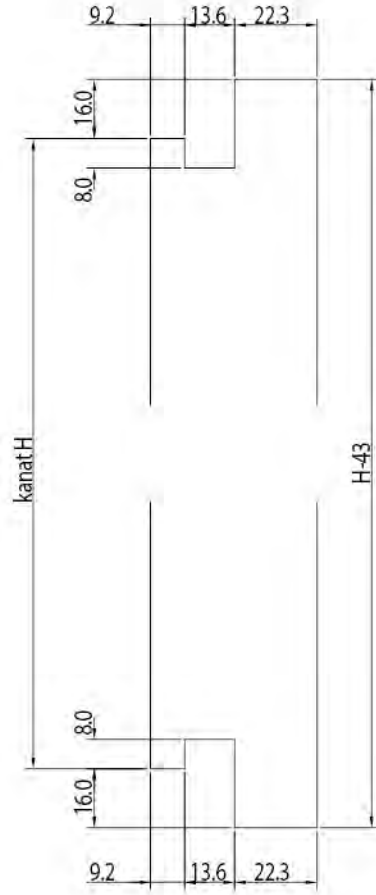
KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



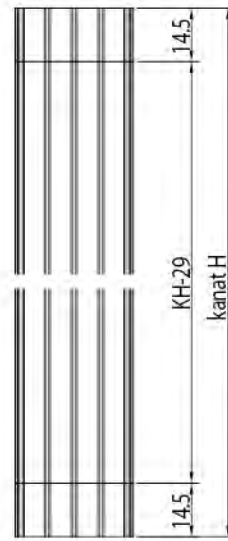


S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

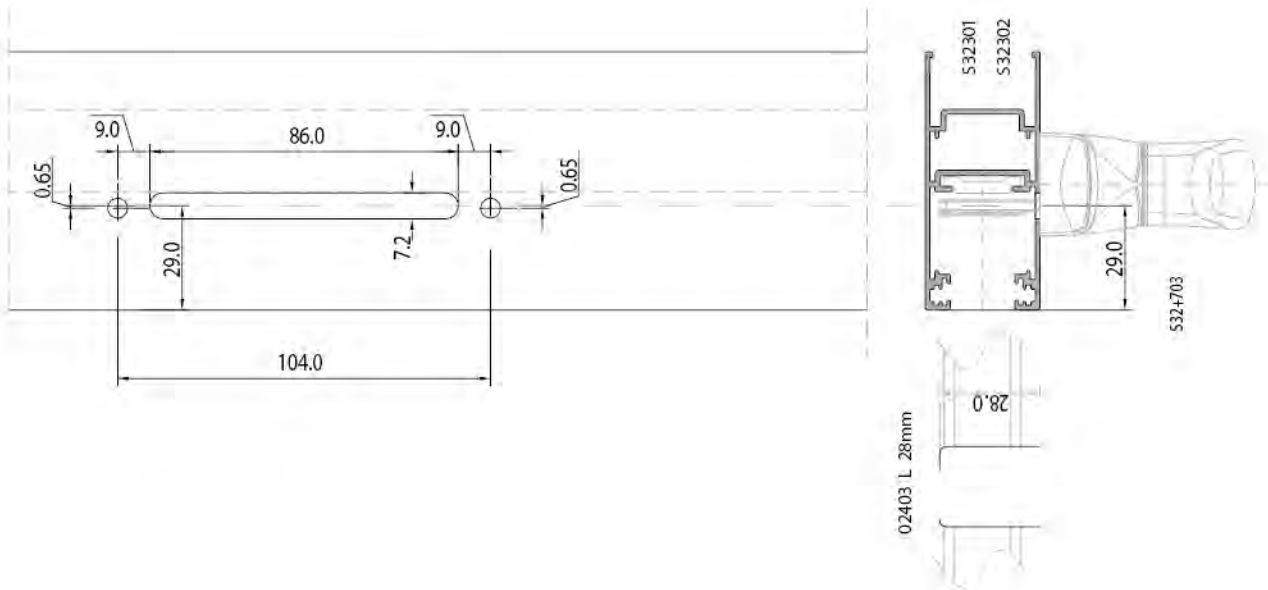
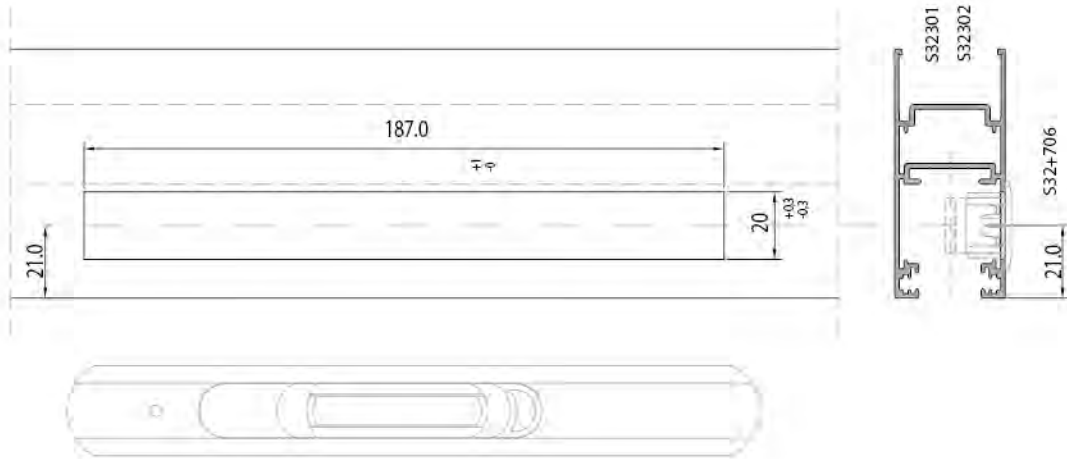
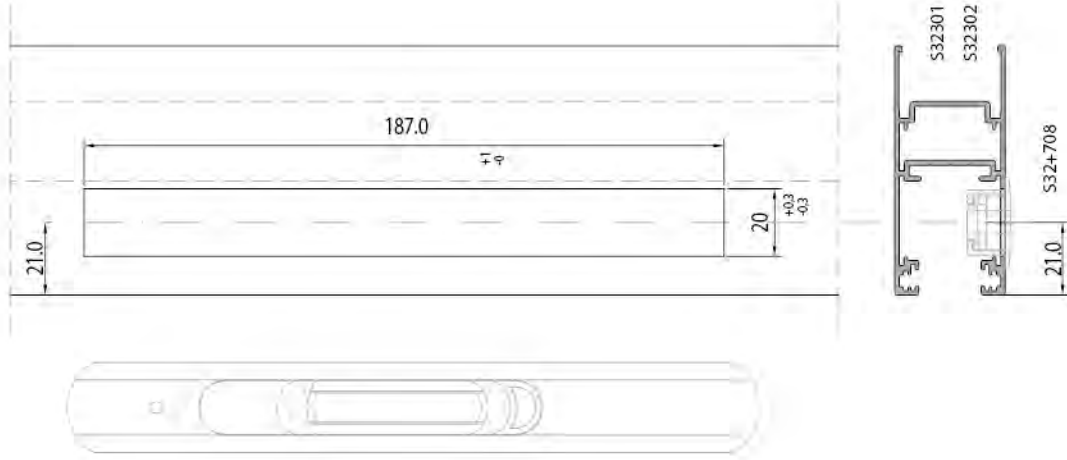
KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



S32+403

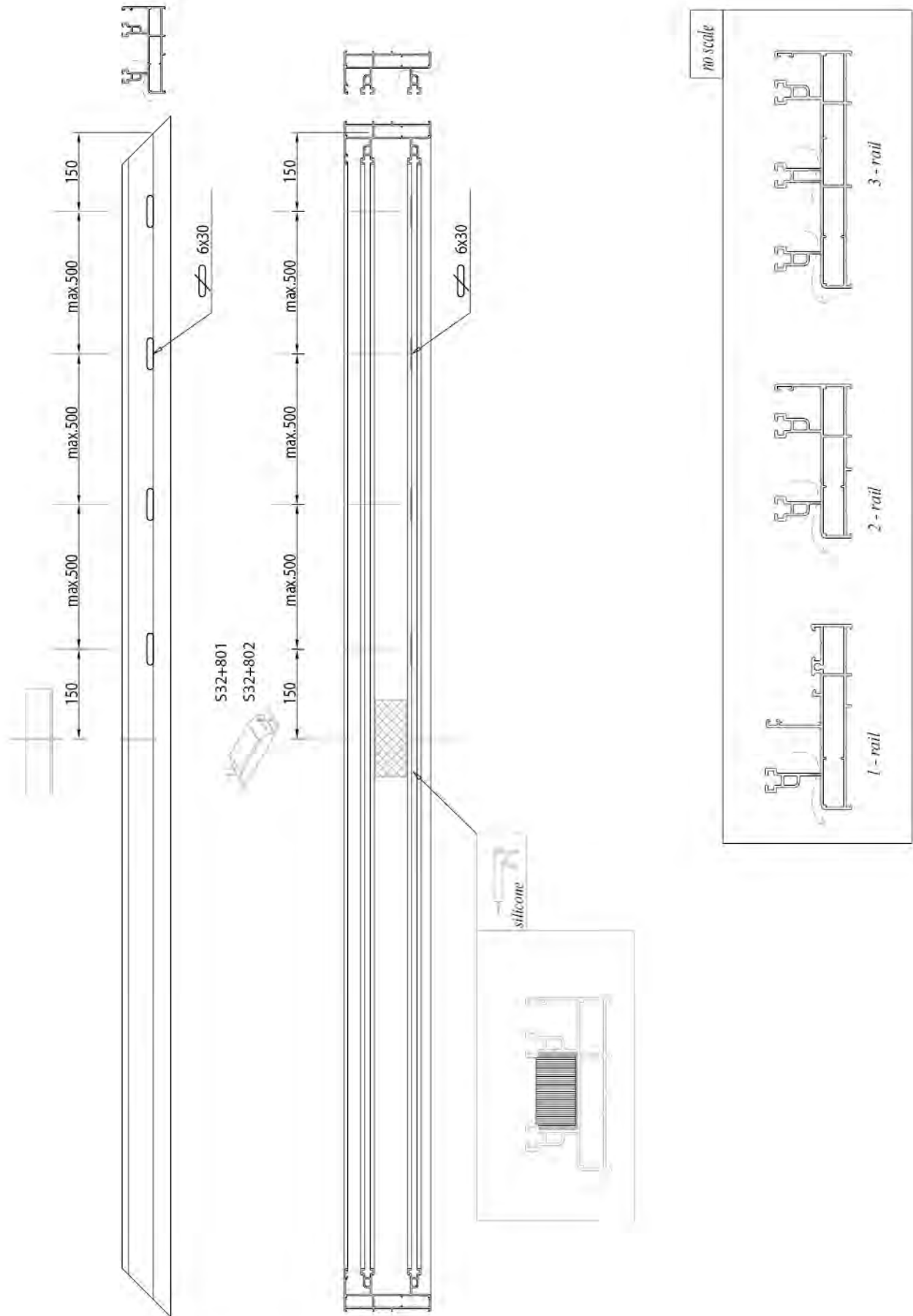


S32401

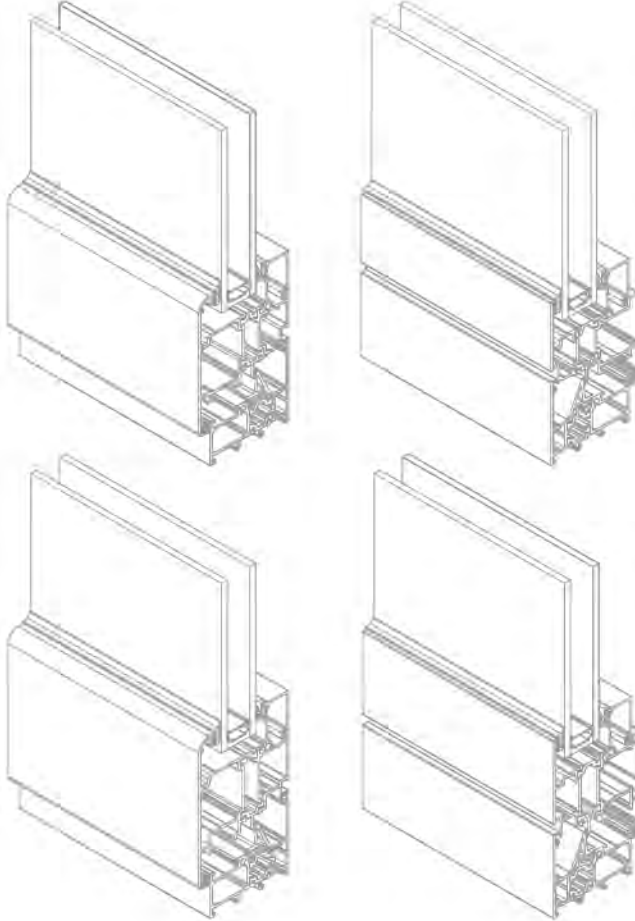


S32 KLASİK SÜRME SİSTEM / CLASSICAL SLIDE SYSTEM

KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



W55+



YALITIMLI PENCERE VE KAPI SİSTEMİ INSULATED WINDOW AND DOOR SYSTEM	W55+	KASA	FRAME	100	W55+ 15.100 SİSTEM GRUP PR NO
		ORTA KAYIT	MULLION	200	
		KANAT	SASH	300	
		ADAPTÖR, BAĞL. PR	ADAPTER	400	
		EPDM GRUP	EPDM GROUP	500	
		PVC GRUP	PVC GROUP	600	
		AÇILIM GRUP	OPENING GROUP	700	

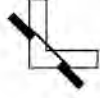
PROFİL ET KALINLIĞI	PROFILE THICKNESS	1,5-2 mm
KASA YÜKSEKLİĞİ	FRAME HEIGHT	55 mm
KANAT YÜKSEKLİĞİ	SASH HEIGHT	63 mm
ISI BARIYERİ	THERMAL ISULATION BAR	16 mm
ÇAM KALINLIĞI	GLASS THICKNESS	4-38 mm

ALAŞIM ÖZELLİKLERİ
ALLOY PROPERTIES

ÜRETİM VE MEKANİK STANDARTLAR
PRODUCTION AND MECHANICAL STANDARDS

EN AW 6060 (AlMgSi0,5 F22)
EN AW 6063 (AlMg0,7Si F22)

EN 12020-2 EN 755-9 EN 755-2



Köşe takoz profili
Corner cleat profile

W55.450-1	7 mm
W55.450-2	23,2 mm
W55.450-3	25,4 mm
W55.450-4	24,7 mm

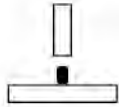
W55.453-1	7 mm
W55.453-2	13,1 mm

W55.454-1	7 mm
W55.454-2	23,2 mm
W55.454-3	18,5 mm

W55.455-1	7 mm
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W55.451-1	7 mm
W55.451-2	23,2 mm
W55.451-3	25,4 mm
W55.451-4	13,1 mm

W55.452-1	7 mm
W55.452-2	23,2 mm
W55.452-3	25,4 mm
W55.452-4	18,5 mm



Orta kayıt bağlantı
Mullion connection

LS55.443-2	12,5 mm
LS55.443-3	22,5 mm
LS55.443-5	32,6 mm
LS55.443-6	25 mm

LS55.444-2	12,5 mm
LS55.444-3	22,5 mm
LS55.444-5	32,6 mm
LS55.444-6	25 mm

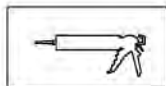


Köşe onbaşı
Corner cleat

LS55617 LS55618



Yatay sayfa
Page horizontal



Silikon
Silicone

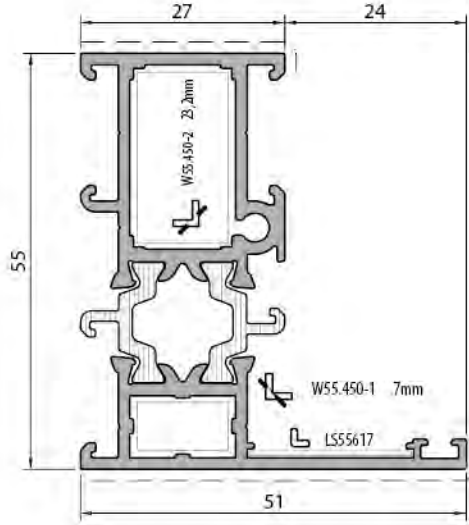


Dikkat
Attention



W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kasa Profili / Frame profile

W55+15.101

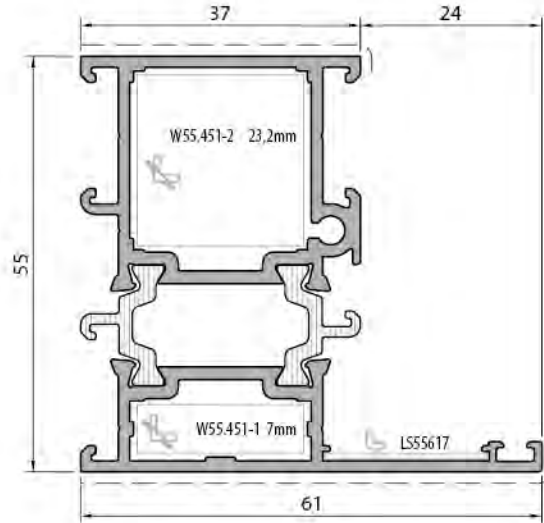
Weight : 1,170 kg/m

$I_x : 13,74 \text{ cm}^4$

$W_x : 4,46 \text{ cm}^3$

$I_y : 4,25 \text{ cm}^4$

$W_y : 1,25 \text{ cm}^3$



Kasa Profili / Frame profile

W55+15.102

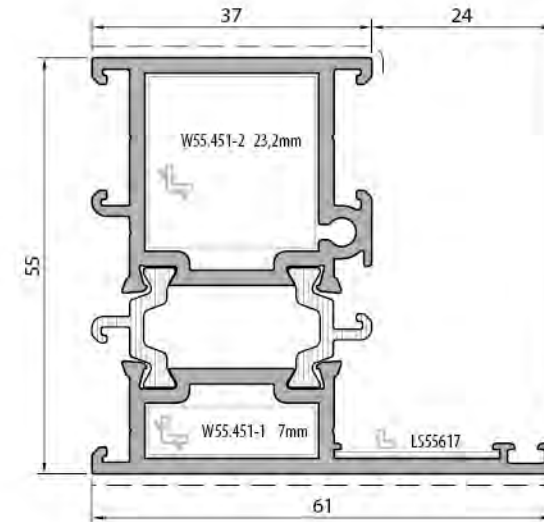
Weight : 1,353 kg/m

$I_x : 16,04 \text{ cm}^4$

$W_x : 5,17 \text{ cm}^3$

$I_y : 8,29 \text{ cm}^4$

$W_y : 2,12 \text{ cm}^3$



Kasa Profili / Frame profile

W55+20.102

Weight : 1,521 kg/m

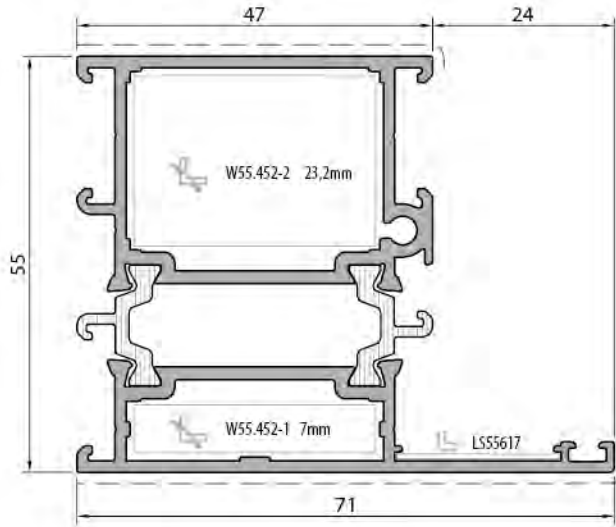
$I_x : 18,92 \text{ cm}^4$

$W_x : 6,11 \text{ cm}^3$

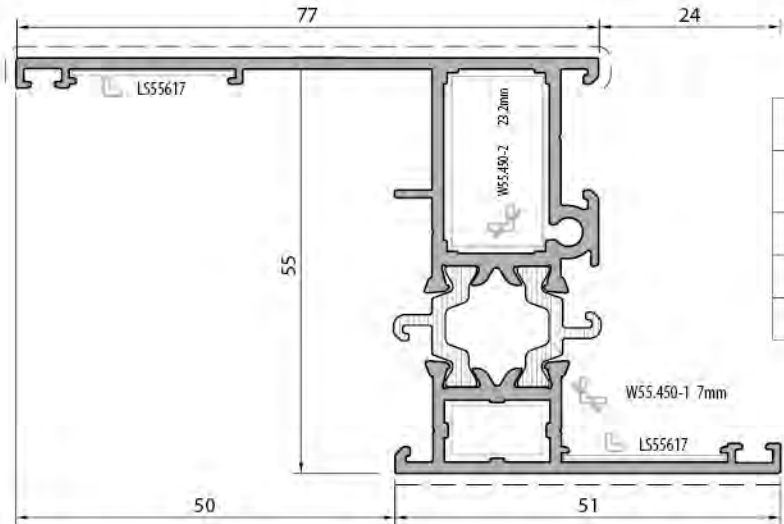
$I_y : 9,19 \text{ cm}^4$

$W_y : 2,36 \text{ cm}^3$

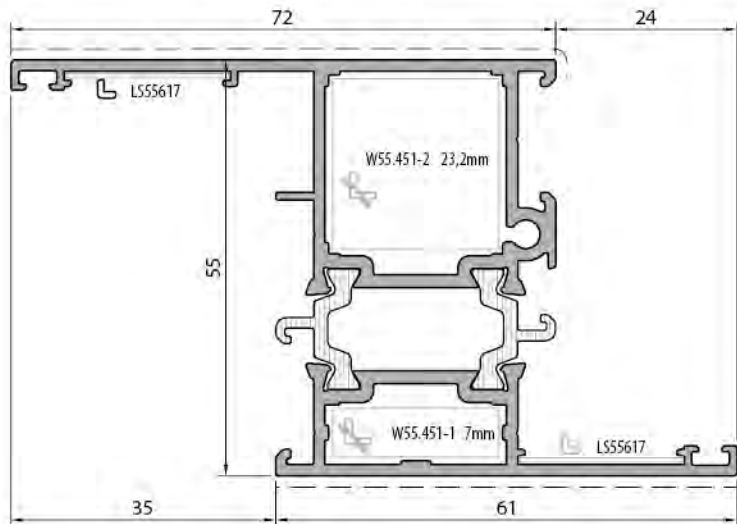
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-8 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-8, moment values are calculated according to EN 14024.



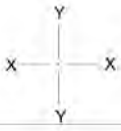
Kasa Profili / Frame profile	
W55+15.103	
Weight : 1,526 kg/m	
$I_x : 18,51 \text{ cm}^4$	$W_x : 5,95 \text{ cm}^3$
$I_y : 13,78 \text{ cm}^4$	$W_y : 3,17 \text{ cm}^3$



Kasa Profili / Frame profile	
W55+15.104	
Weight : 1,360 kg/m	
$I_x : 18,35 \text{ cm}^4$	$W_x : 6,22 \text{ cm}^3$
$I_y : 30,97 \text{ cm}^4$	$W_y : 5,23 \text{ cm}^3$

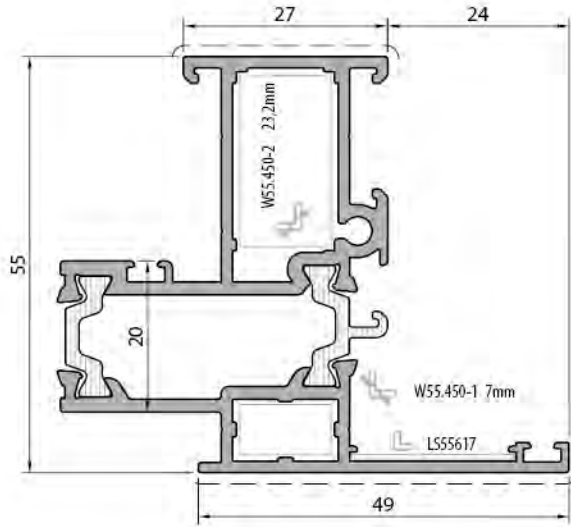


Kasa Profili / Frame profile	
W55+15.106	
Weight : 1,501 kg/m	
$I_x : 19,74 \text{ cm}^4$	$W_x : 7,16 \text{ cm}^3$
$I_y : 10,51 \text{ cm}^4$	$W_y : 2,00 \text{ cm}^3$



W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Cephe İçi Kasa Profili / Inner frame curtain wall

W55+15.107

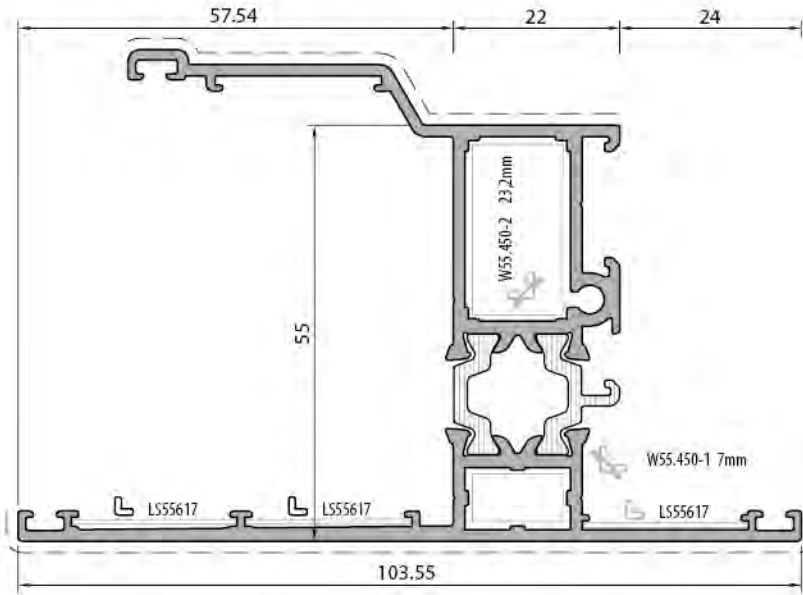
Weight : 1,363 kg/m

$I_x : 13,02 \text{ cm}^4$

$W_x : 4,07 \text{ cm}^3$

$I_y : 9,64 \text{ cm}^4$

$W_y : 2,47 \text{ cm}^3$



Kasa Profili / Frame profile

W55+15.108

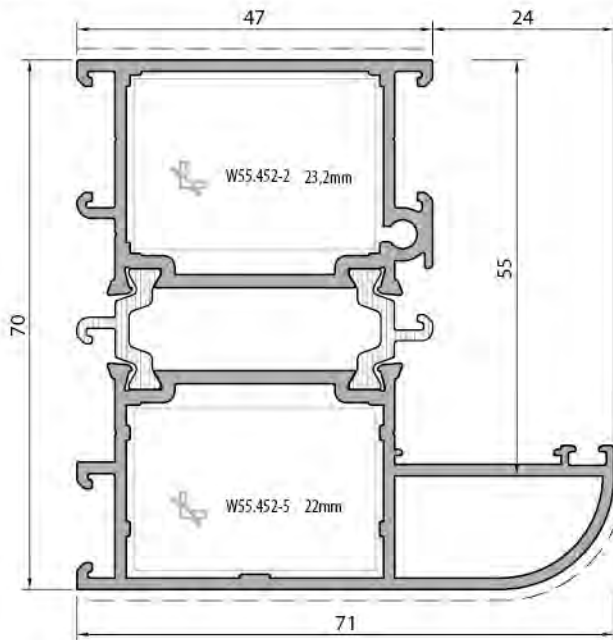
Weight : 1,612 kg/m

$I_x : 26,40 \text{ cm}^4$

$W_x : 4,64 \text{ cm}^3$

$I_y : 26,72 \text{ cm}^4$

$W_y : 6,63 \text{ cm}^3$



Kasa Profili / Frame profile

W55+15.109

Weight : 1,830 kg/m

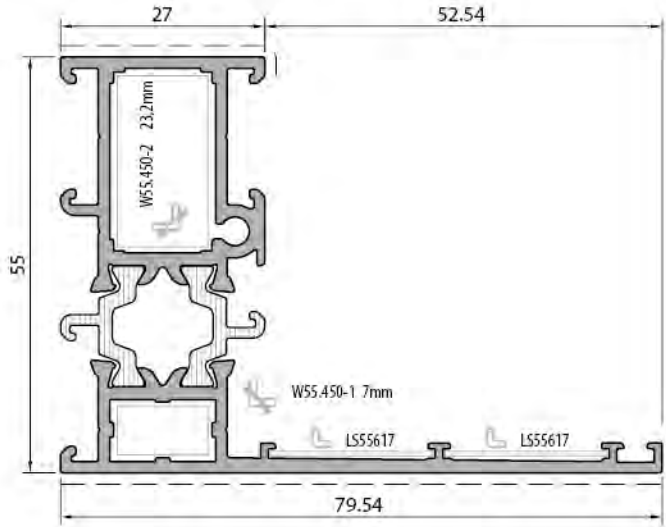
$I_x : 33,01 \text{ cm}^4$

$W_x : 8,57 \text{ cm}^3$

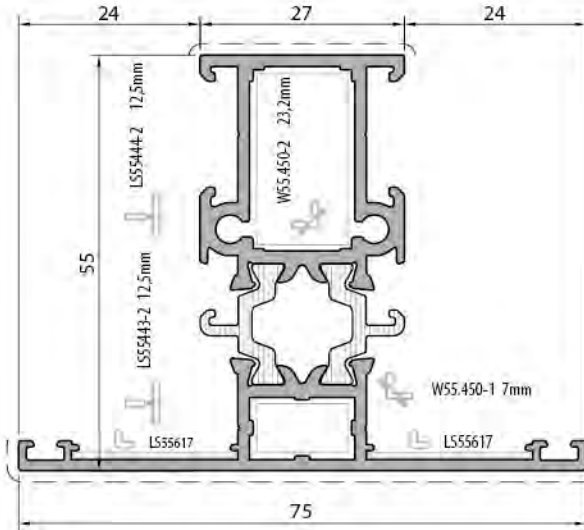
$I_y : 20,60 \text{ cm}^4$

$W_y : 4,93 \text{ cm}^3$

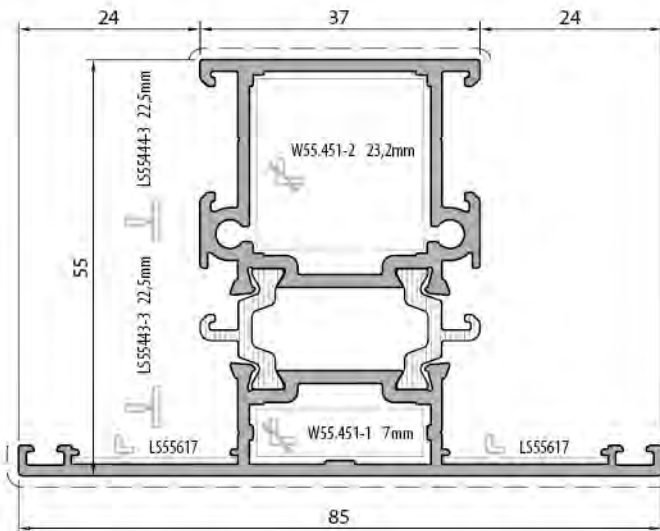
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-8 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-8, moment values are calculated according to EN 14024.



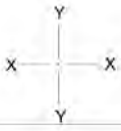
Kasa Profili / Frame profile	
W55+15.110	
Weight : 1,338 kg/m	
lx : 16,52 cm ⁴	Wx : 4,85 cm ³
ly : 8,75 cm ⁴	Wy : 1,55 cm ³



Orta Kayıt Profili / Mullion profile	
W55+15.201	
Weight : 1,338 kg/m	
lx : 15,84 cm ⁴	Wx : 4,84 cm ³
ly : 8,77 cm ⁴	Wy : 2,33 cm ³

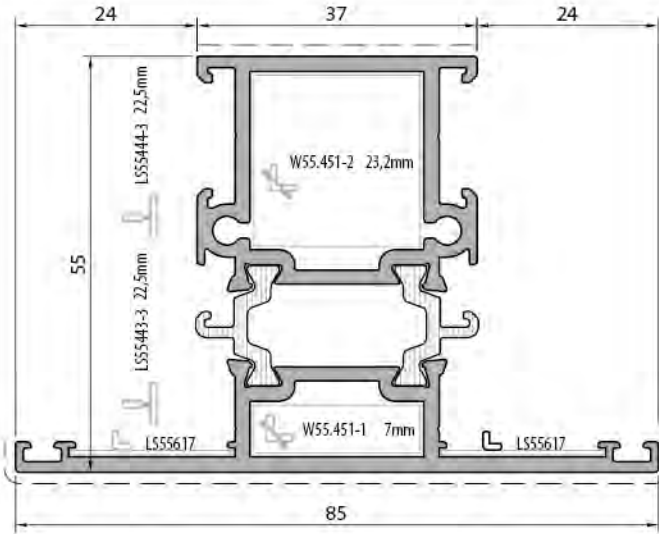


Orta Kayıt Profili / Mullion profile	
W55+15.202	
Weight : 1,502 kg/m	
lx : 18,28 cm ⁴	Wx : 5,60 cm ³
ly : 14,74 cm ⁴	Wy : 3,46 cm ³



W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Orta Kayıt Profili / Mullion profile

W55+20.202

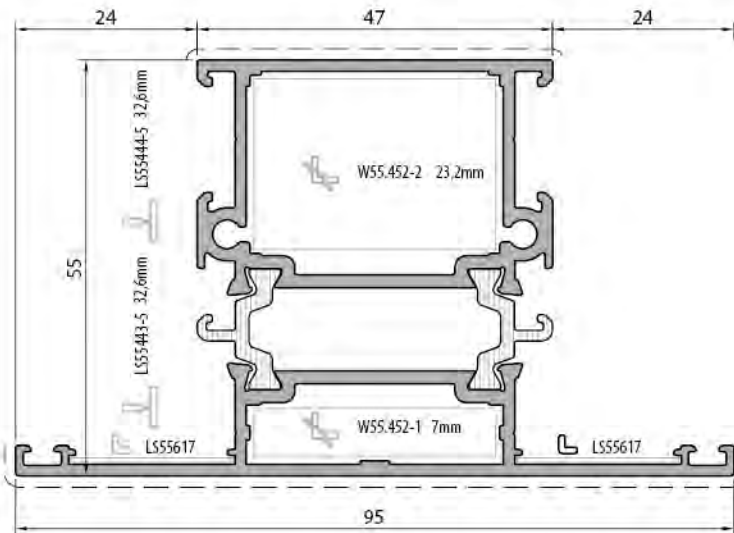
Weight : 1,660 kg/m

$I_x : 21,60 \text{ cm}^4$

$W_x : 6,58 \text{ cm}^3$

$I_y : 16,60 \text{ cm}^4$

$W_y : 3,90 \text{ cm}^3$



Orta Kayıt Profili / Mullion profile

W55+15.203

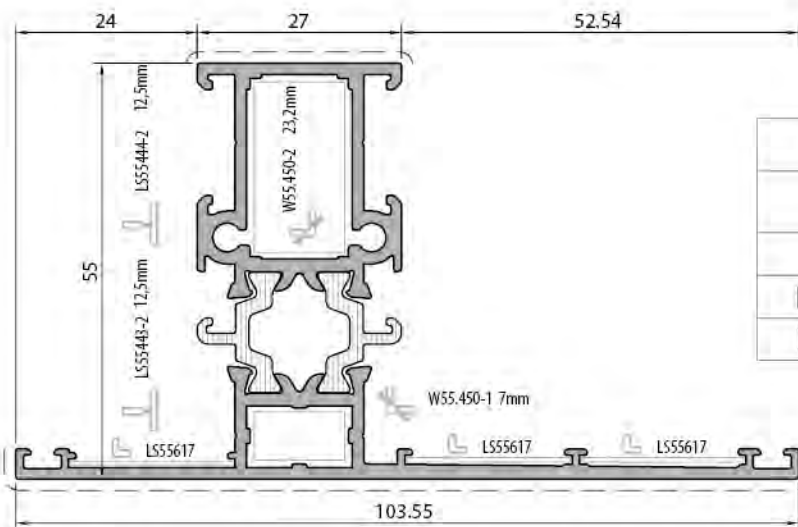
Weight : 1,802 kg/m

$I_x : 20,67 \text{ cm}^4$

$W_x : 6,35 \text{ cm}^3$

$I_y : 23,19 \text{ cm}^4$

$W_y : 4,88 \text{ cm}^3$



Orta Kayıt Profili / Mullion profile

W55+15.210

Weight : 1,488 kg/m

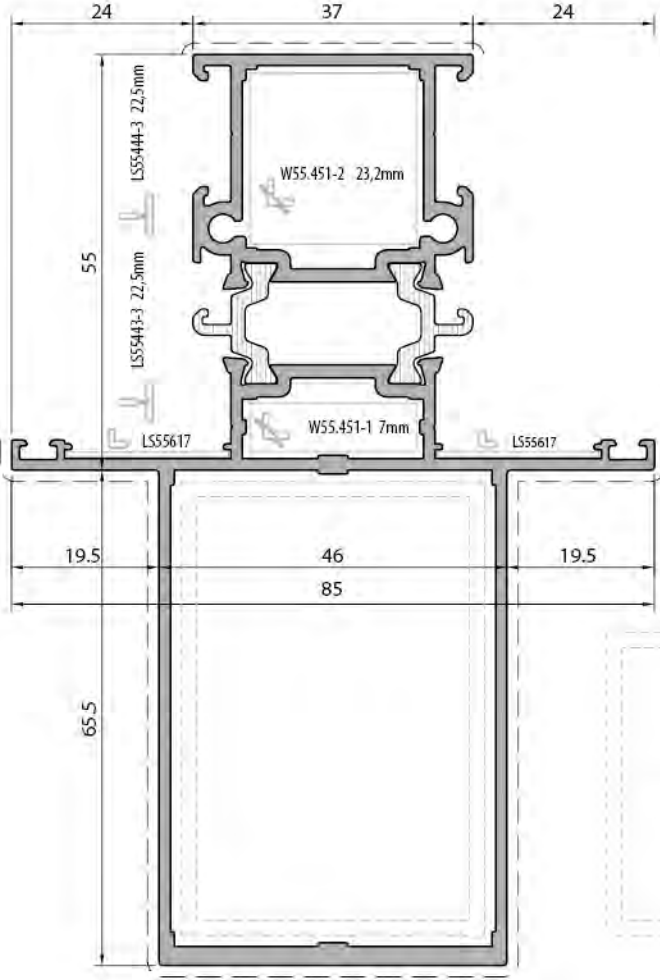
$I_x : 18,25 \text{ cm}^4$

$W_x : 5,16 \text{ cm}^3$

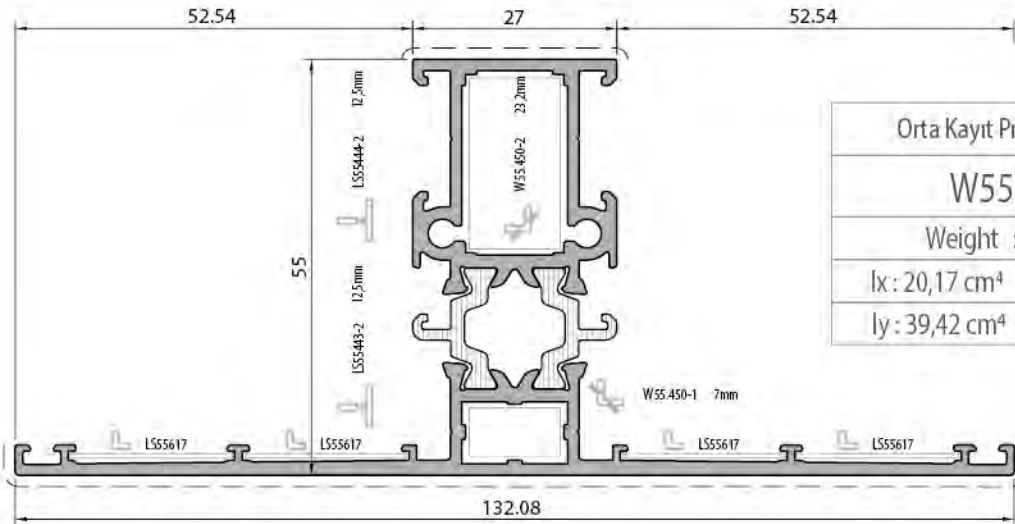
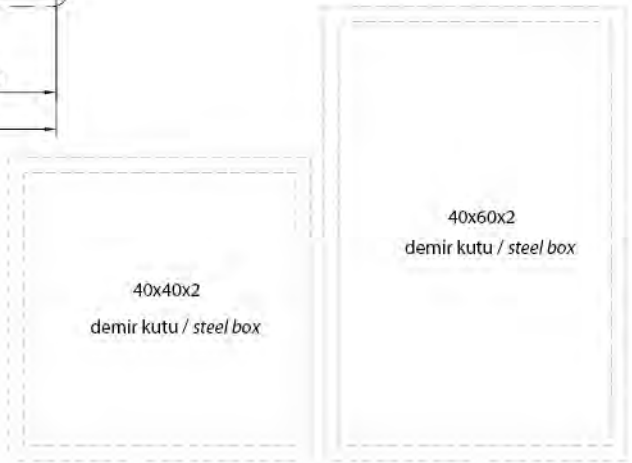
$I_y : 26,12 \text{ cm}^4$

$W_y : 4,34 \text{ cm}^3$

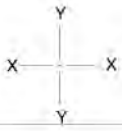
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tarhim geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
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Orta Kayıt Profili / Mullion profile	
W55+15.204	
Weight : 2,344 kg/m	
lx : 116,56 cm ⁴	Wx : 18,63 cm ³
ly : 26,30 cm ⁴	Wy : 6,18 cm ³

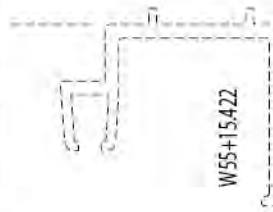
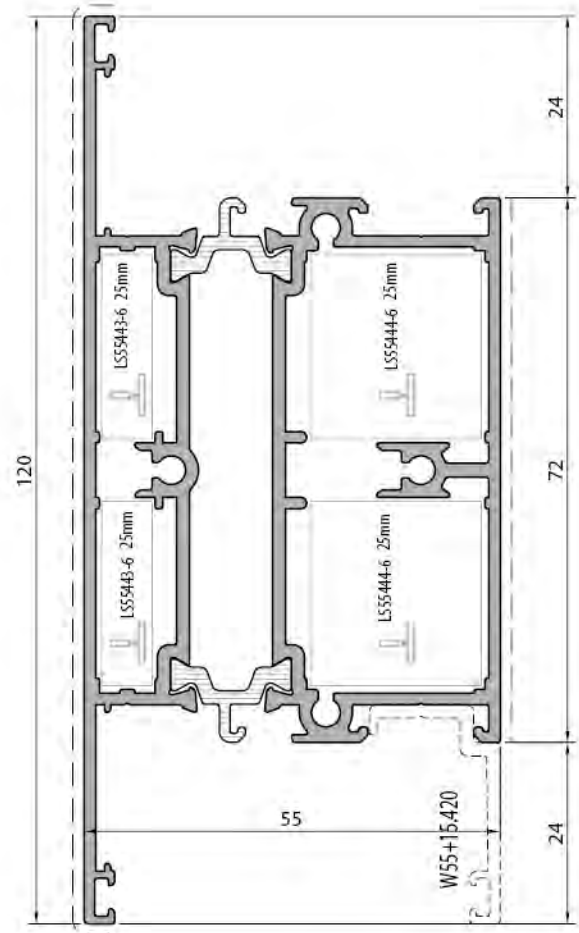
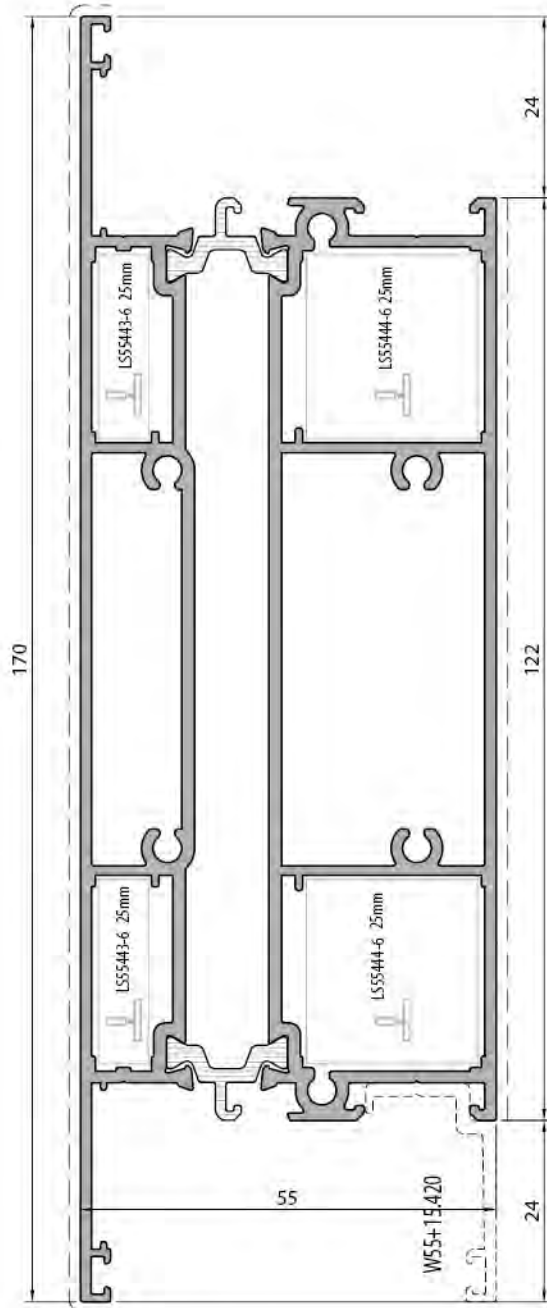


Orta Kayıt Profili / Mullion profile	
W55+15.211	
Weight : 1,662 kg/m	
lx : 20,17 cm ⁴	Wx : 5,39 cm ³
ly : 39,42 cm ⁴	Wy : 5,97 cm ³



W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



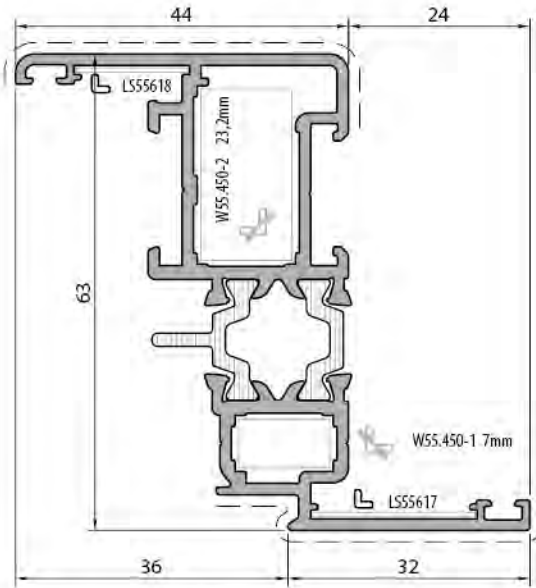
Orta Kayıt+Etek Profili / Mullion+bottom sash pr.

W55+15.215	
Weight : 3,411 kg/m	
Ix : 43,73 cm ⁴	Wx : 14,06 cm ³
Iy : 210,90 cm ⁴	Wy : 24,81 cm ³

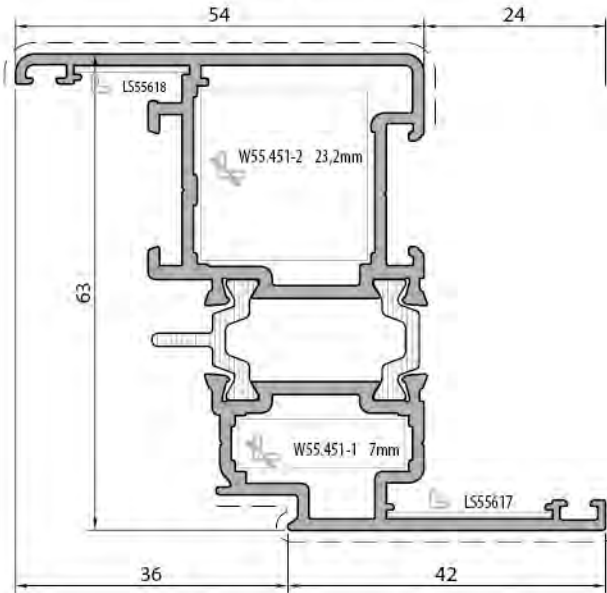
Orta Kayıt+Etek Profili / Mullion+bottom sash pr.

W55+15.216	
Weight : 2,306 kg/m	
Ix : 29,60 cm ⁴	Wx : 9,44 cm ³
Iy : 57,55 cm ⁴	Wy : 9,59 cm ³

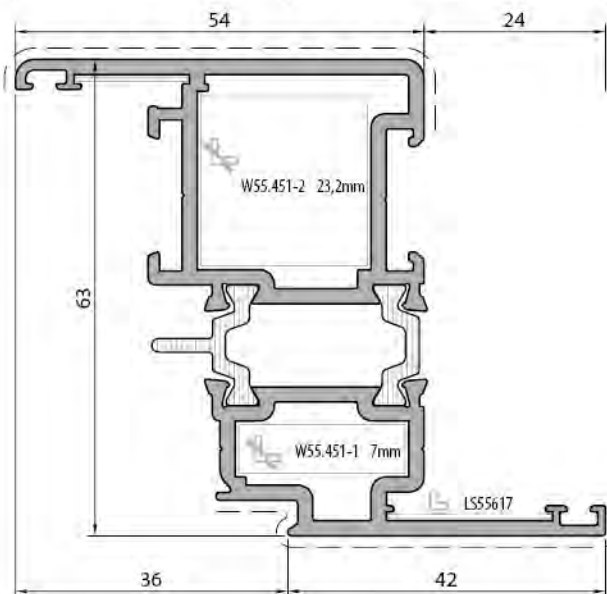
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
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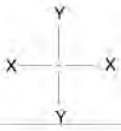
Kanat Profili (içe açılır) Sash profile (inward opening)	
W55+15.301	
Weight : 1,298 kg/m	
$I_x : 21,01 \text{ cm}^4$	$W_x : 6,47 \text{ cm}^3$
$I_y : 3,98 \text{ cm}^4$	$W_y : 1,14 \text{ cm}^3$



Kanat Profili (içe açılır) Sash profile (inward opening)	
W55+15.302	
Weight : 1,496 kg/m	
$I_x : 26,44 \text{ cm}^4$	$W_x : 8,40 \text{ cm}^3$
$I_y : 7,78 \text{ cm}^4$	$W_y : 1,96 \text{ cm}^3$

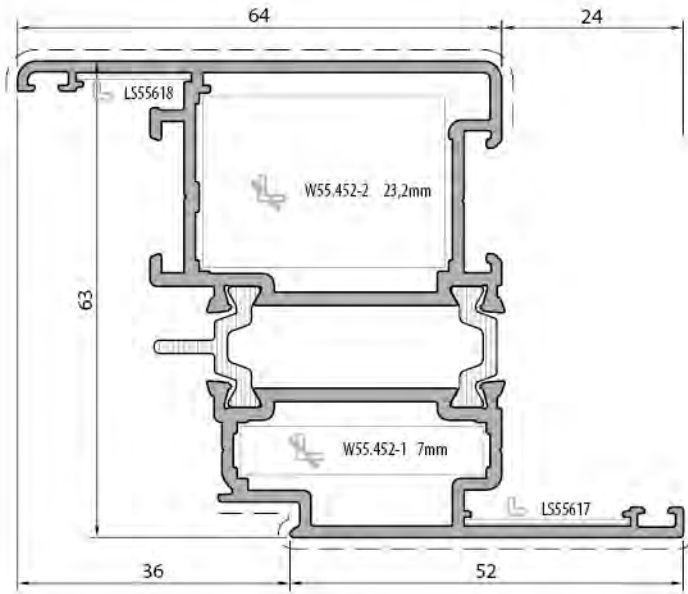


Kanat Profili (içe açılır) Sash profile (inward opening)	
W55+20.302	
Weight : 1,734 kg/m	
$I_x : 27,92 \text{ cm}^4$	$W_x : 8,80 \text{ cm}^3$
$I_y : 9,01 \text{ cm}^4$	$W_y : 2,29 \text{ cm}^3$

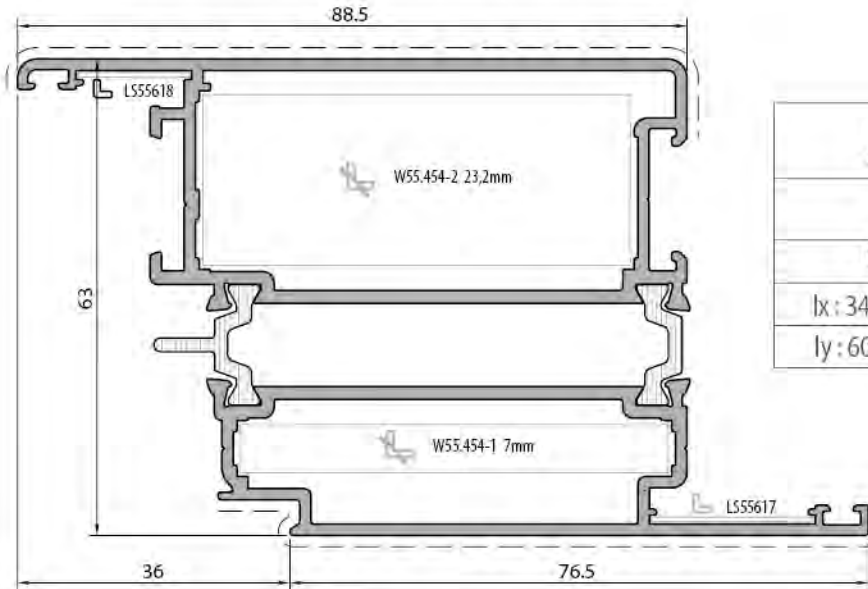


W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

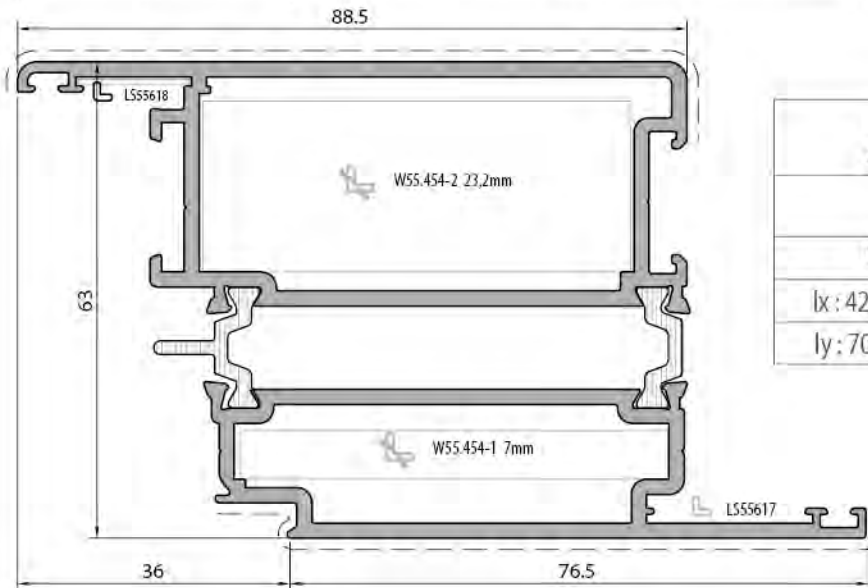
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kanat Profili (içe açılır) Sash profile (inward opening)	
W55+15.303	
Weight : 1,668 kg/m	
Ix : 26,32 cm ⁴	Wx : 8,25 cm ³
Iy : 12,92 cm ⁴	Wy : 2,90 cm ³

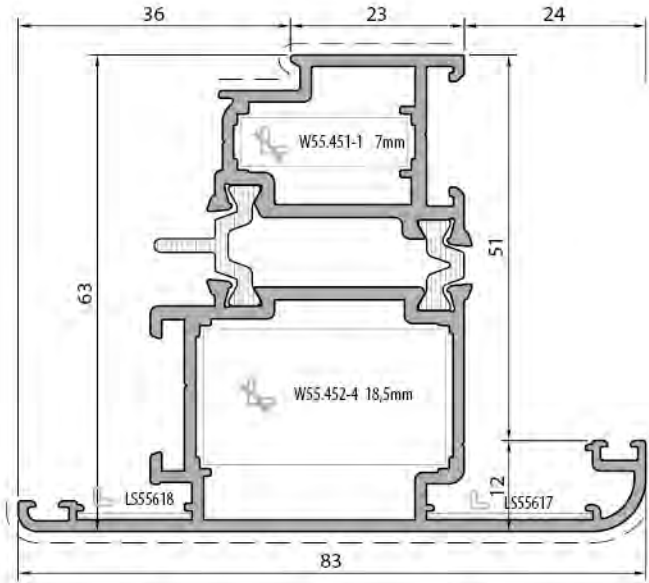


Kanat Profili (içe açılır) Sash profile (inward opening)	
W55+15.304	
Weight : 2,092 kg/m	
Ix : 34,19 cm ⁴	Wx : 10,51 cm ³
Iy : 60,37 cm ⁴	Wy : 10,63 cm ³



Kanat Profili (içe açılır) Sash profile (inward opening)	
W55+20.304	
Weight : 2,485 kg/m	
Ix : 42,55 cm ⁴	Wx : 13,14 cm ³
Iy : 70,36 cm ⁴	Wy : 12,51 cm ³

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
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Kanat Profili (dışa açılır)
Sash profile (outward opening)

W55+15.310

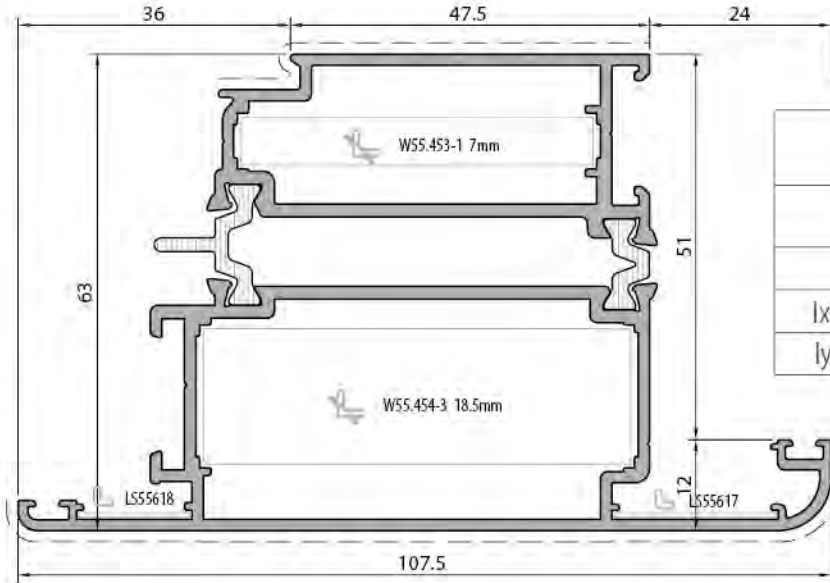
Weight : 1,659 kg/m

$I_x : 24,85 \text{ cm}^4$

$W_x : 6,80 \text{ cm}^3$

$I_y : 19,14 \text{ cm}^4$

$W_y : 4,51 \text{ cm}^3$



Kanat Profili (dışa açılır)
Sash profile (outward opening)

W55+15.311

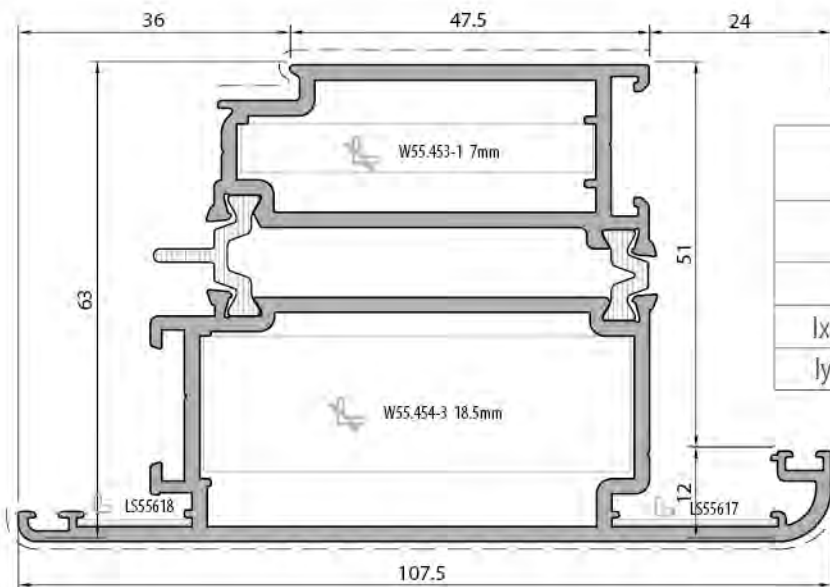
Weight : 2,082 kg/m

$I_x : 32,94 \text{ cm}^4$

$W_x : 9,46 \text{ cm}^3$

$I_y : 50,00 \text{ cm}^4$

$W_y : 9,13 \text{ cm}^3$



Kanat Profili (dışa açılır)
Sash profile (outward opening)

W55+20.311

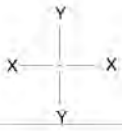
Weight : 2,420 kg/m

$I_x : 40,29 \text{ cm}^4$

$W_x : 11,42 \text{ cm}^3$

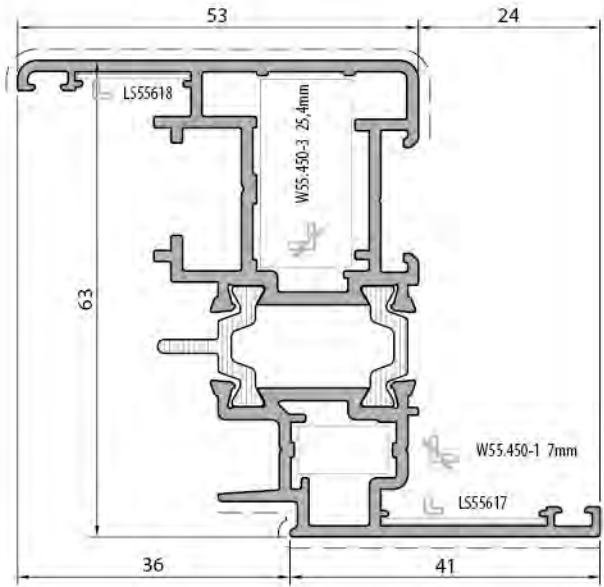
$I_y : 57,56 \text{ cm}^4$

$W_y : 10,49 \text{ cm}^3$

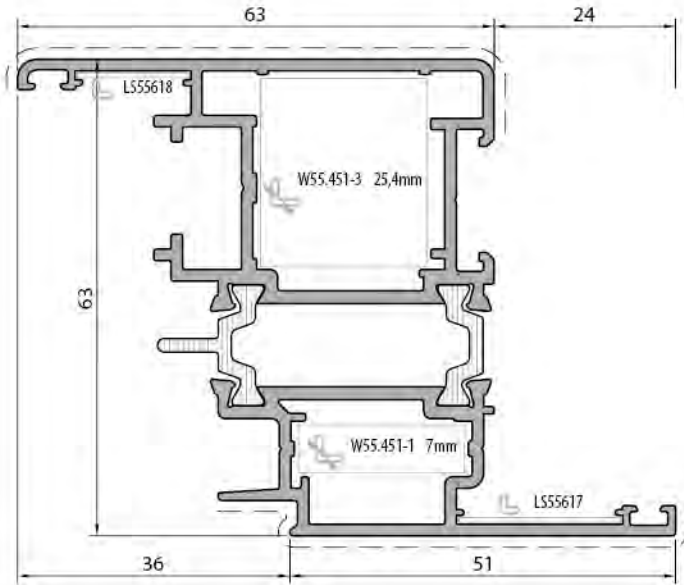


W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

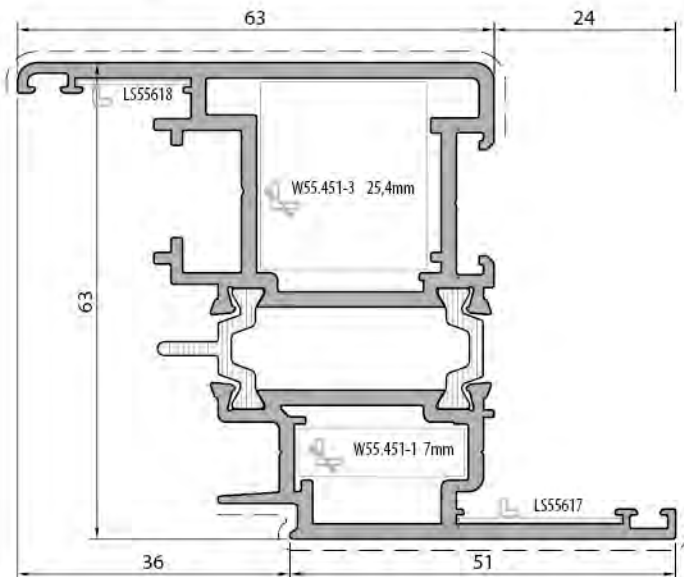
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kanat Profili (içe açılır) Sash profile (inward opening)	
W55+15.316	
Weight : 1,517 kg/m	
lx : 22,67 cm ⁴	Wx : 7,02 cm ³
ly : 6,72 cm ⁴	Wy : 1,74 cm ³

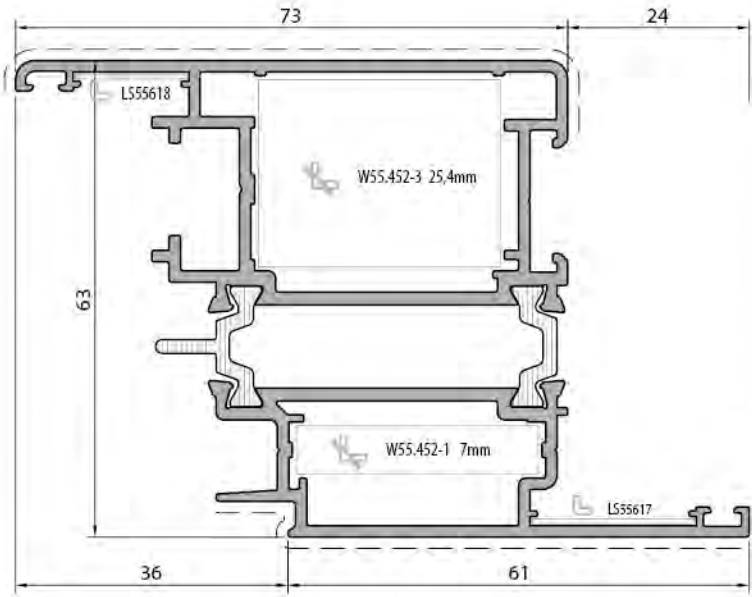


Kanat Profili (içe açılır) Sash profile (inward opening)	
W55+15.317	
Weight : 1,690 kg/m	
lx : 26,27 cm ⁴	Wx : 8,25 cm ³
ly : 11,65 cm ⁴	Wy : 2,66 cm ³



Kanat Profili (içe açılır) Sash profile (inward opening)	
W55+20.317	
Weight : 1,96 kg/m	
lx : 39,60 cm ⁴	Wx : 12,30 cm ³
ly : 13,17 cm ⁴	Wy : 3,02 cm ³

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Kanat Profili (içe açılır)
Sash profile (inward opening)

W55+15.318

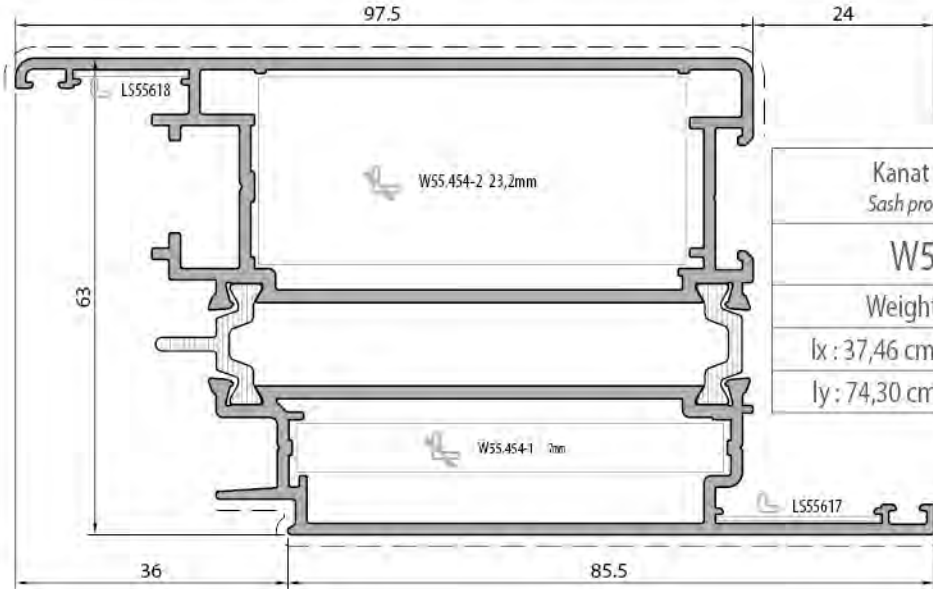
Weight : 1,862 kg/m

$I_x : 29,63 \text{ cm}^4$

$W_x : 9,39 \text{ cm}^3$

$I_y : 17,62 \text{ cm}^4$

$W_y : 3,61 \text{ cm}^3$



Kanat Profili (içe açılır)
Sash profile (inward opening)

W55+15.319

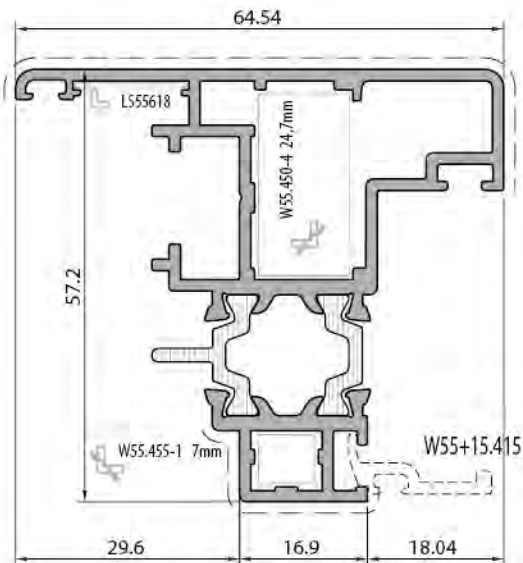
Weight : 2,286 kg/m

$I_x : 37,46 \text{ cm}^4$

$W_x : 11,63 \text{ cm}^3$

$I_y : 74,30 \text{ cm}^4$

$W_y : 12,15 \text{ cm}^3$



Kanat Profili / gizli kanat)
Sash profile (hidden sash)

W55+15.320

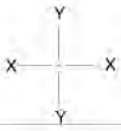
Weight : 1,354 kg/m

$I_x : 15,60 \text{ cm}^4$

$W_x : 4,66 \text{ cm}^3$

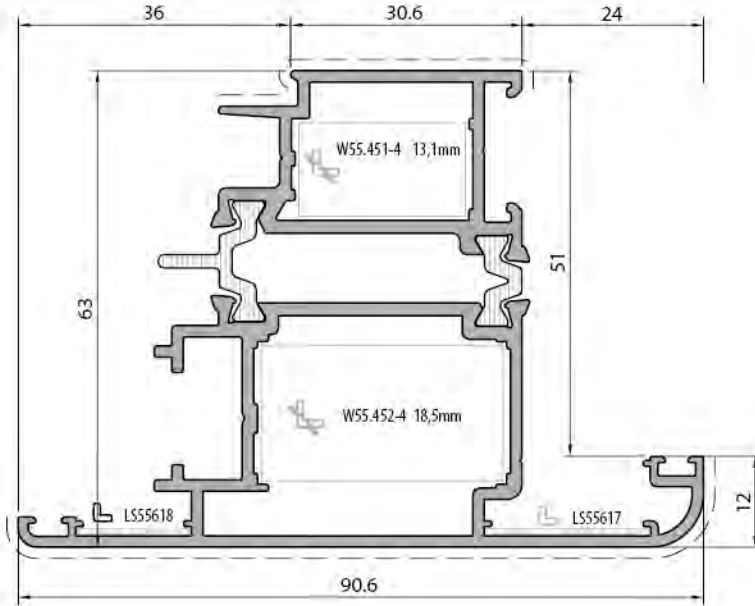
$I_y : 10,32 \text{ cm}^4$

$W_y : 2,76 \text{ cm}^3$

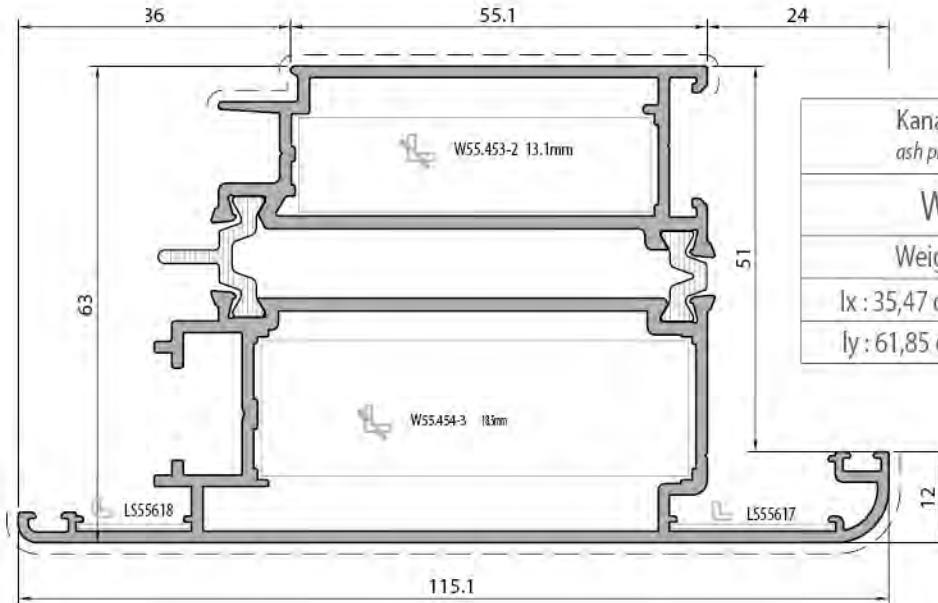


W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

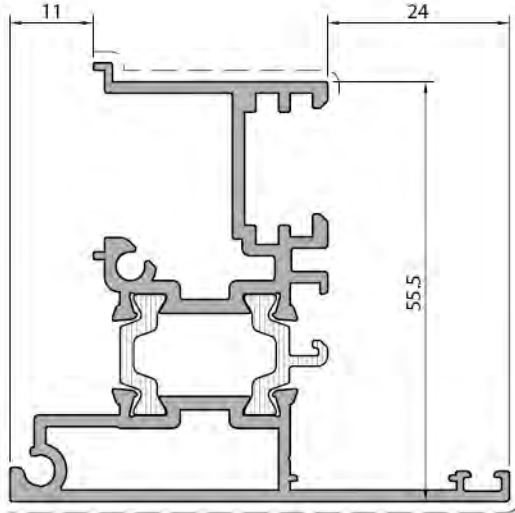


Kanat Profili (dışa açılır) ash profile (outward opening)	
W55+15.325	
Weight : 1,806 kg/m	
$I_x : 27,21 \text{ cm}^4$	$W_x : 7,46 \text{ cm}^3$
$I_y : 25,16 \text{ cm}^4$	$W_y : 5,41 \text{ cm}^3$



Kanat Profili (dışa açılır) ash profile (outward opening)	
W55+15.326	
Weight : 2,233 kg/m	
$I_x : 35,47 \text{ cm}^4$	$W_x : 10,19 \text{ cm}^3$
$I_y : 61,85 \text{ cm}^4$	$W_y : 10,55 \text{ cm}^3$

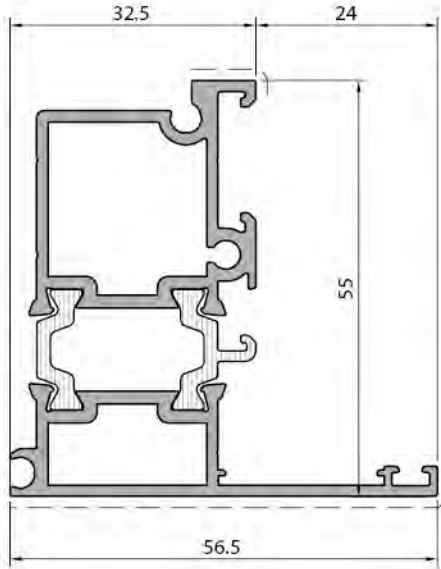
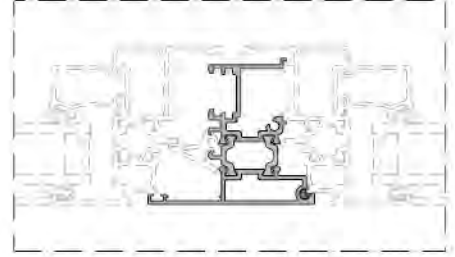
Profil değerleri teoretiktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Çift Kanat Adaptör Profili
Double sash adapter profile

W55+15.401

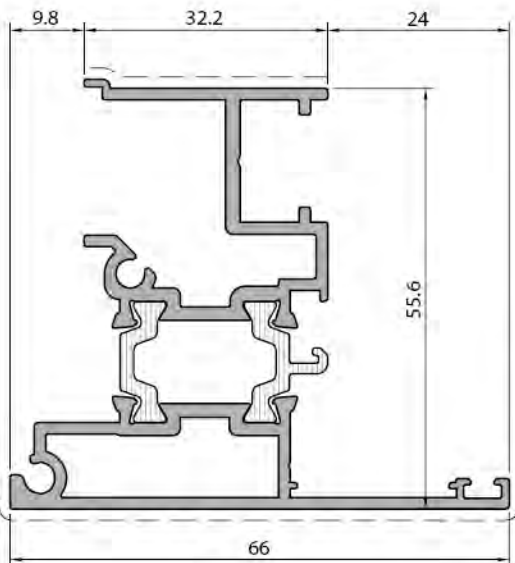
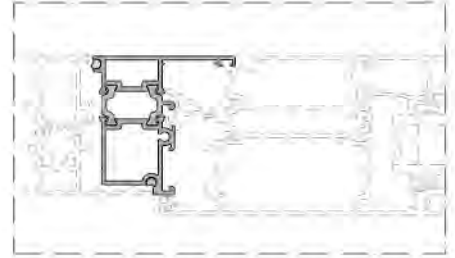
Weight : 1,344 kg/m



Kasa Adaptör Profili
Frame adapter profile

W55+15.402

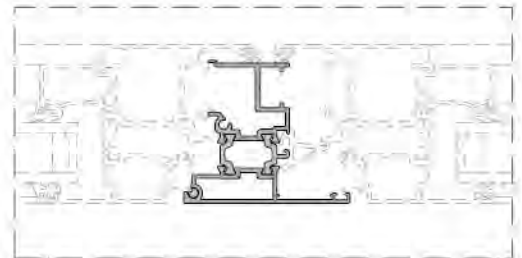
Weight : 1,223 kg/m

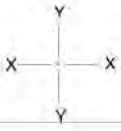


Çift Kanat Adaptör Profili
Double sash adapter profile

W55+15.403

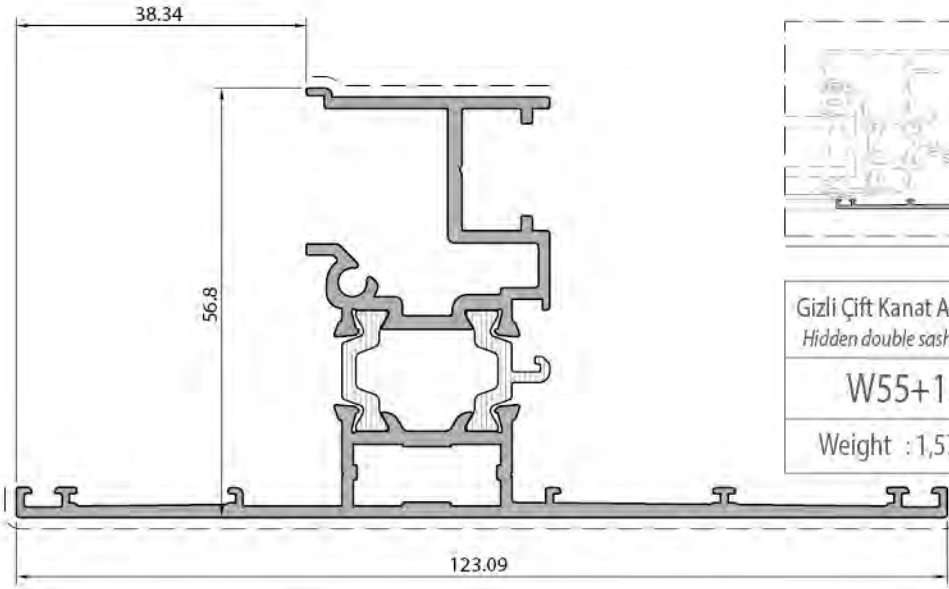
Weight : 1,326 kg/m





W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Gizli Çift Kanat Adaptör Profili
Hidden double sash adapter profile

W55+15.410

Weight : 1,577 kg/m

Köşe Profili / Corner profile 90°

W55+15.411

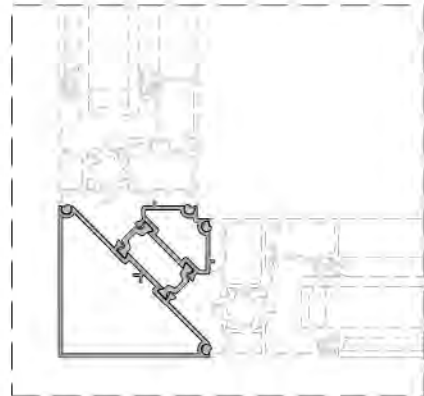
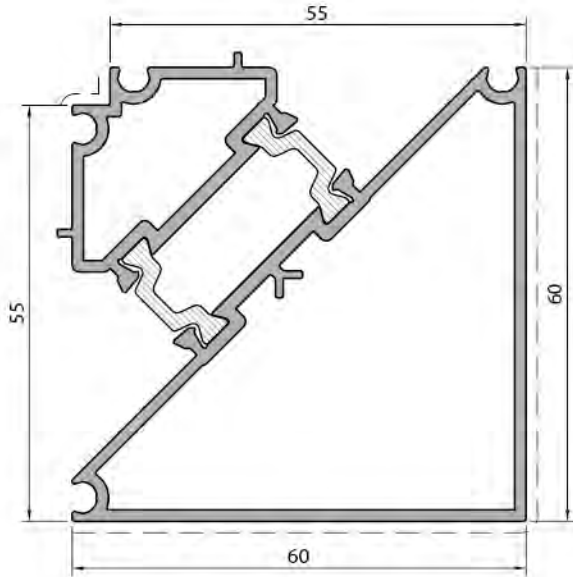
Weight : 1,534 kg/m

Ix : 33,78 cm⁴

Wx : 7,48 cm³

Iy : 20,36 cm⁴

Wy : 4,78 cm³



Köşe Profili / Corner profile 90°

W55+15.412

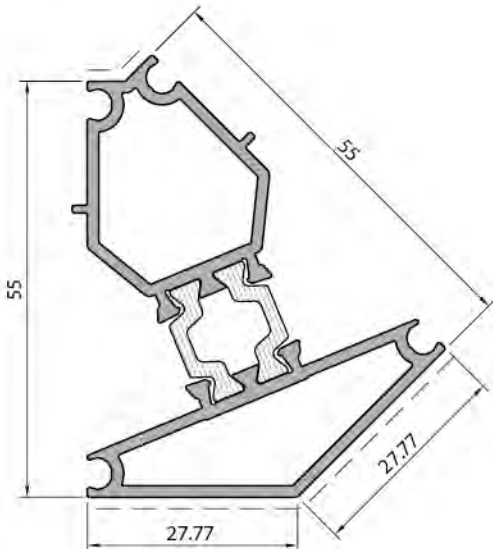
Weight : 1,062 kg/m

Ix : 11,21 cm⁴

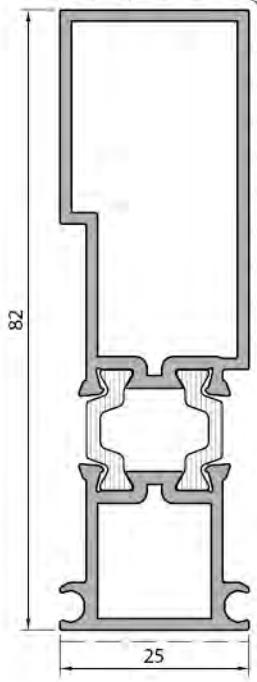
Wx : 3,18 cm³

Iy : 4,38 cm⁴

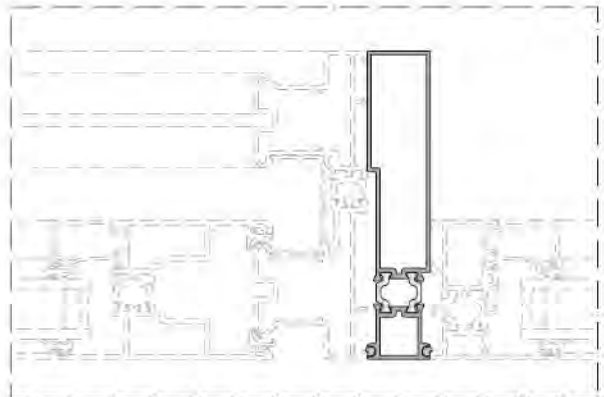
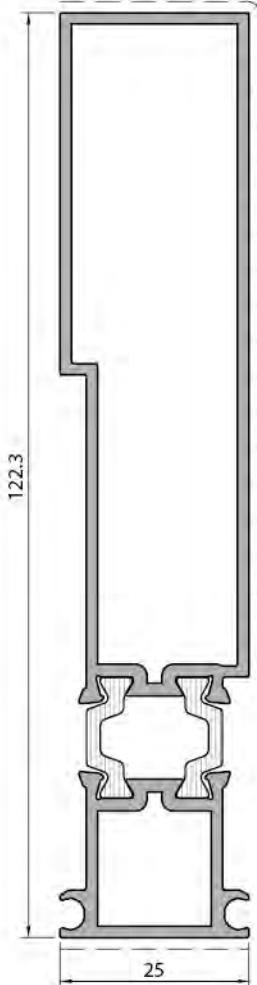
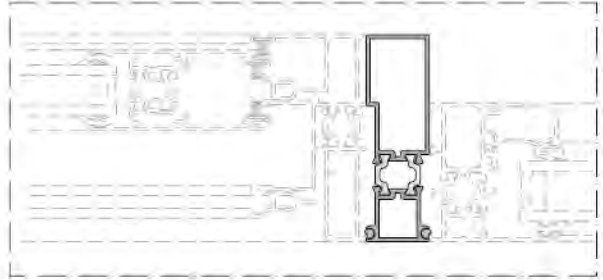
Wy : 1,71 cm³



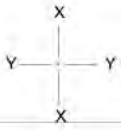
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Birleşim Profili / Connection profile	
W55+15.413	
Weight : 1,164 kg/m	
$I_x : 20,07 \text{ cm}^4$	$W_x : 6,18 \text{ cm}^3$
$I_y : 2,94 \text{ cm}^4$	$W_y : 2,30 \text{ cm}^3$

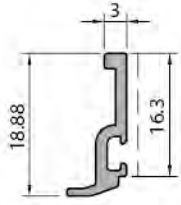


Birleşim Profili / Connection profile	
W55+15.414	
Weight : 1,490 kg/m	
$I_x : 78,86 \text{ cm}^4$	$W_x : 11,96 \text{ cm}^3$
$I_y : 4,38 \text{ cm}^4$	$W_y : 3,39 \text{ cm}^3$



W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

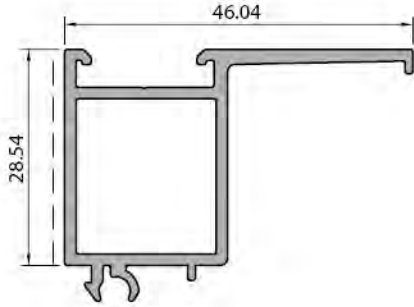
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Cam Çıtası Profili
Glazing bead profile

W55+15.415

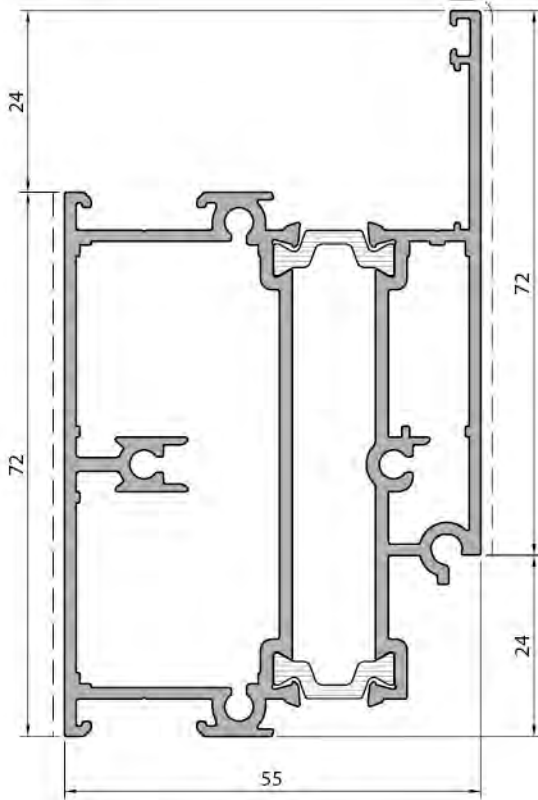
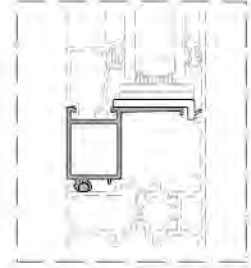
Weight : 0,108 kg/m



Kasa-Cam Çıta Adap. Profili
Frame-glazing bead adapter

W55+15.416

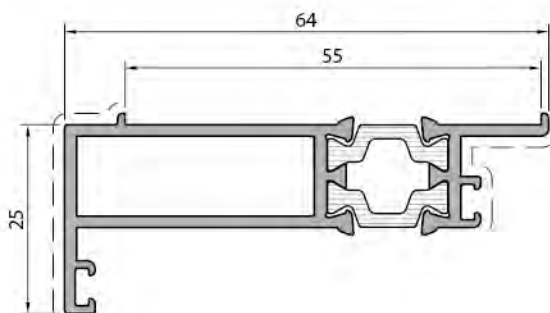
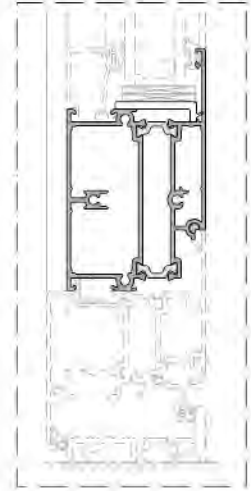
Weight : 0,565 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.417

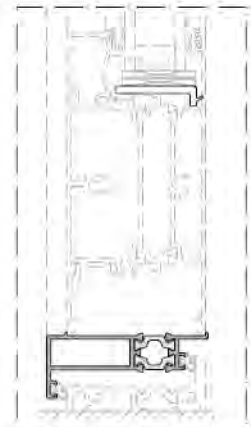
Weight : 2,081 kg/m



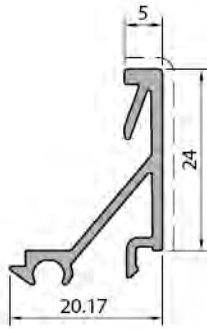
Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.418

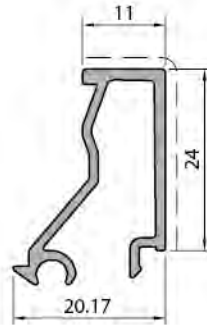
Weight : 0,801 kg/m



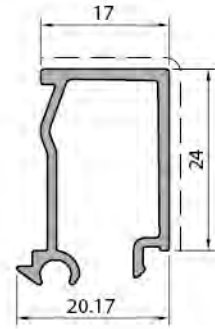
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



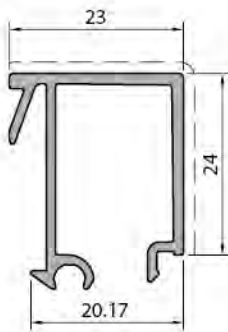
Cam Çıtası Profili Glazing bead adapter
LS55430
Weight : 0,258 kg/m



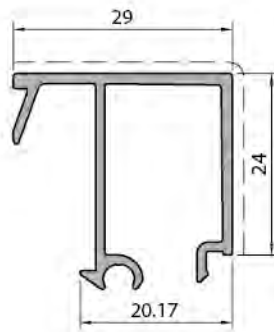
Cam Çıtası Profili Glazing bead adapter
LS55431
Weight : 0,282 kg/m



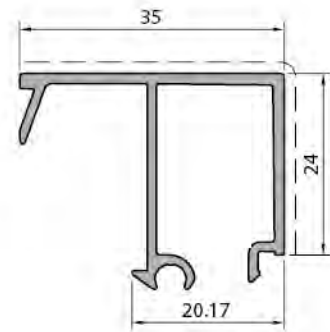
Cam Çıtası Profili Glazing bead adapter
LS55432
Weight : 0,294 kg/m



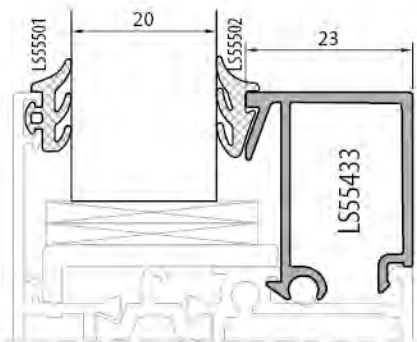
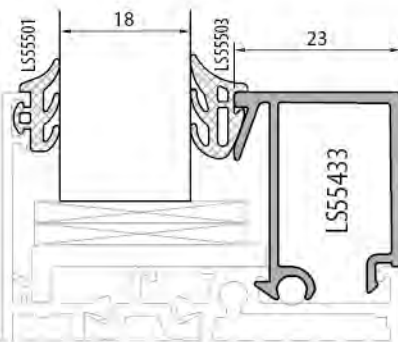
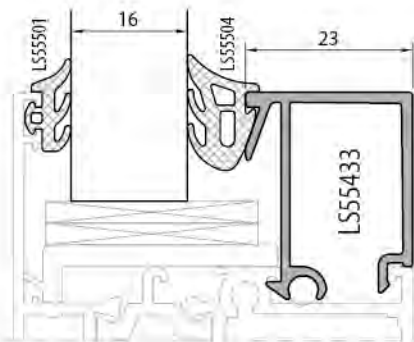
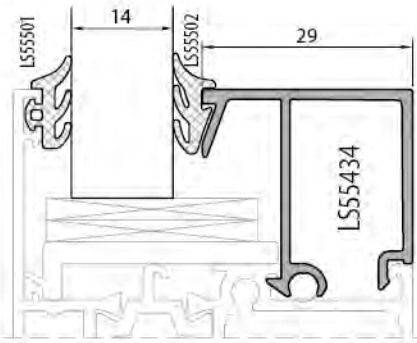
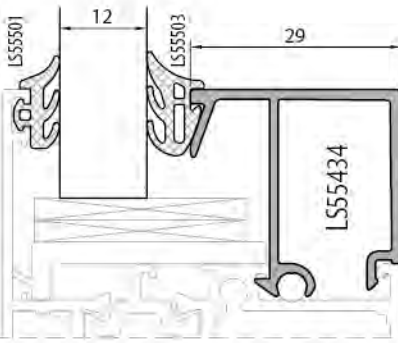
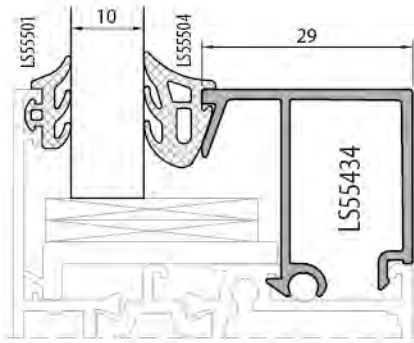
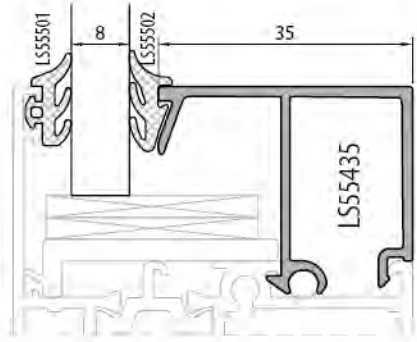
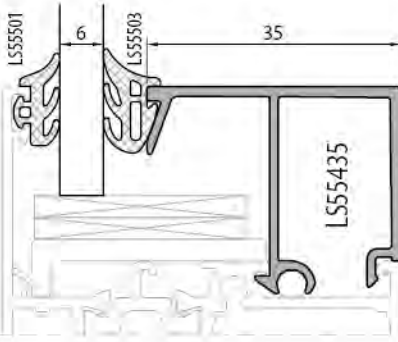
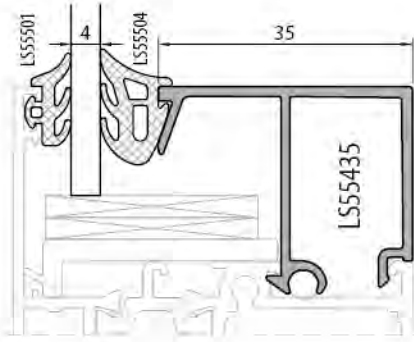
Cam Çıtası Profili Glazing bead adapter
LS55433
Weight : 0,341 kg/m

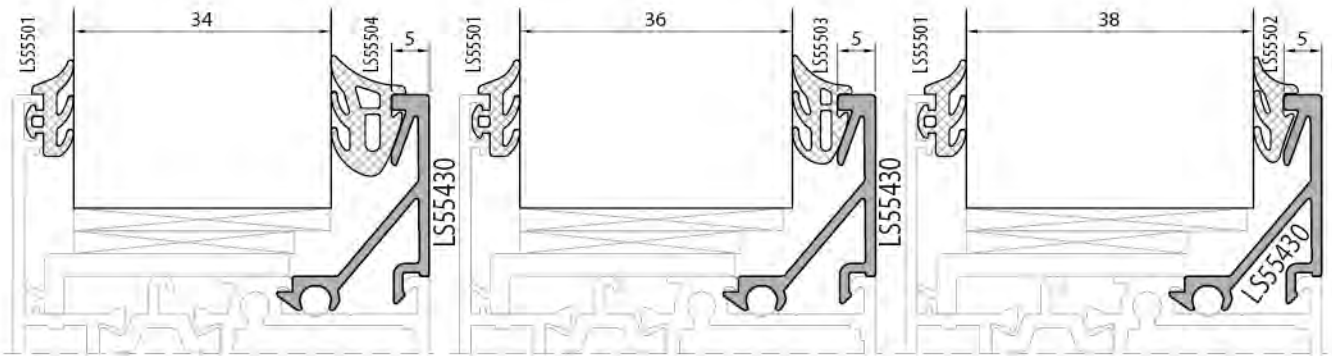
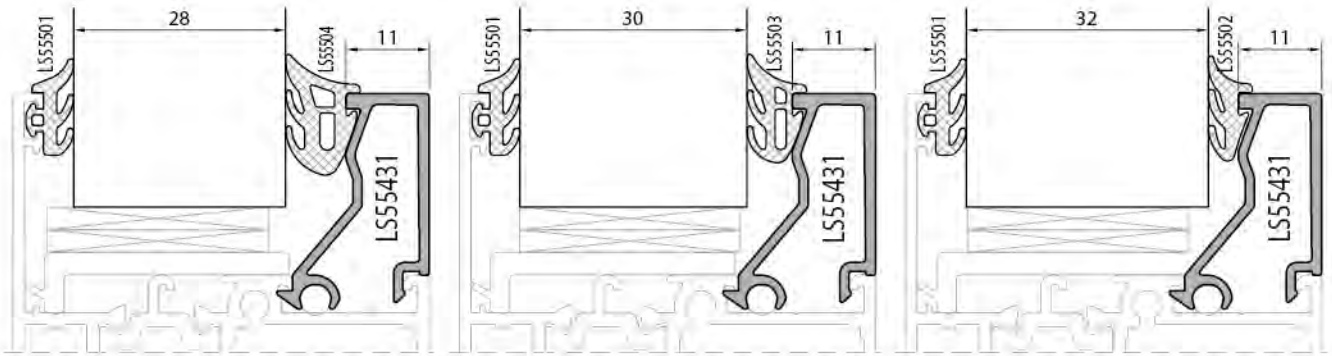
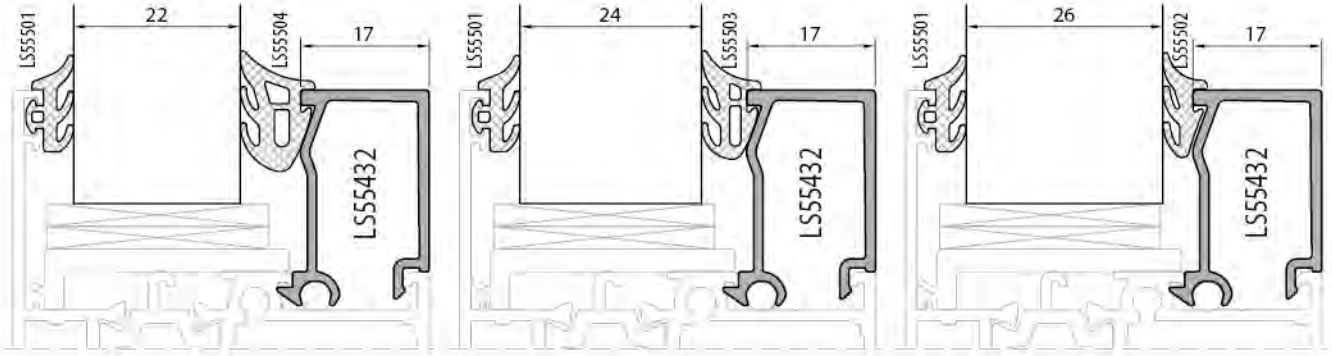


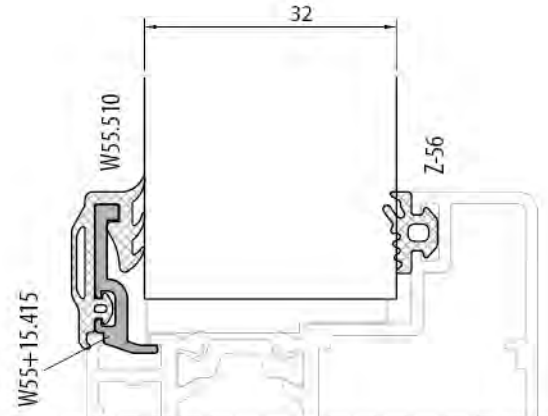
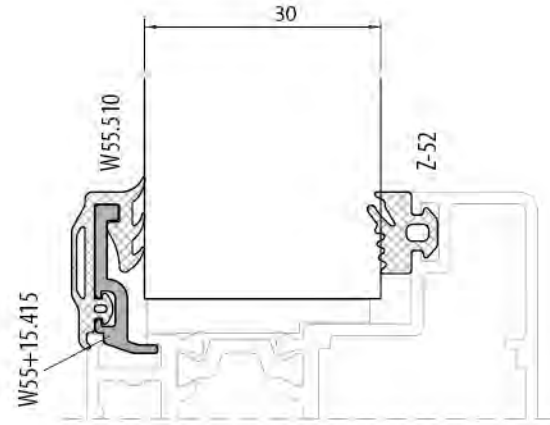
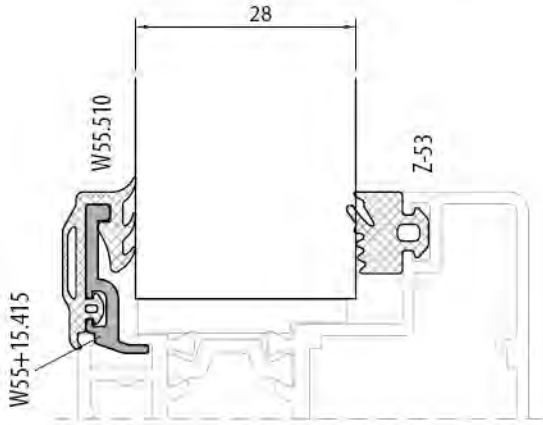
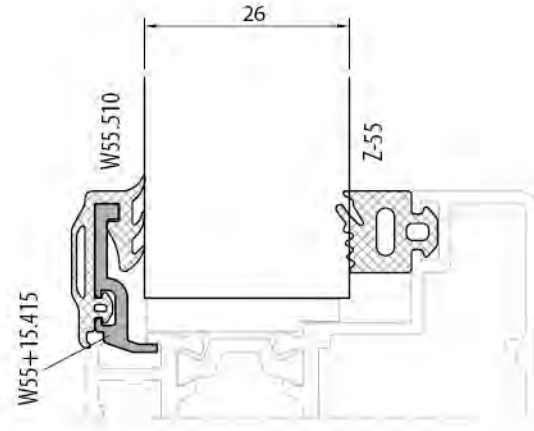
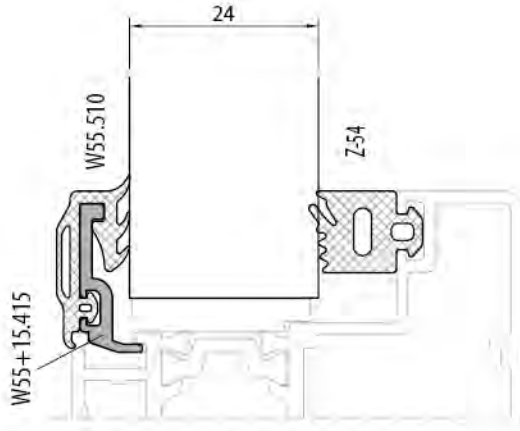
Cam Çıtası Profili Glazing bead adapter
LS55434
Weight : 0,363 kg/m

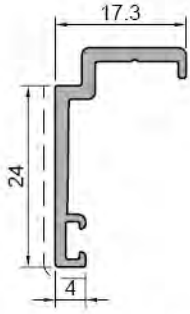


Cam Çıtası Profili Glazing bead adapter
LS55435
Weight : 0385 kg/m



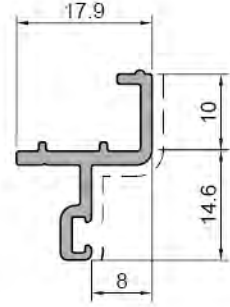
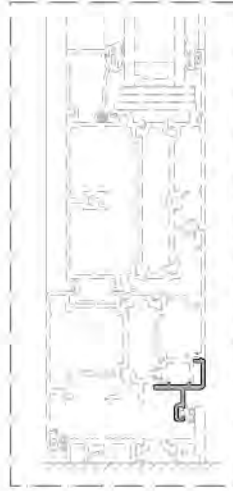
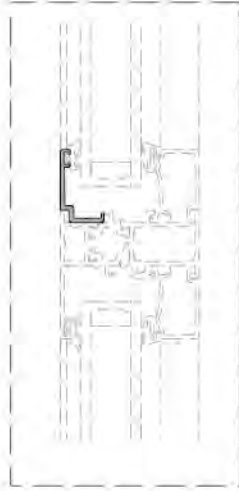





 Cam Dış Çerçeve Profili
 Glass outer frame profile

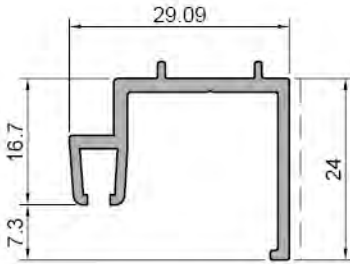
W55+15.420

Weight : 0,225 kg/m


 Kapı Altı Adaptör Profili
 Bottom Door adapter profile

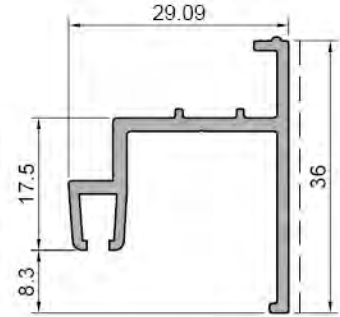
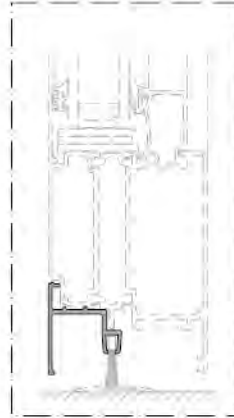
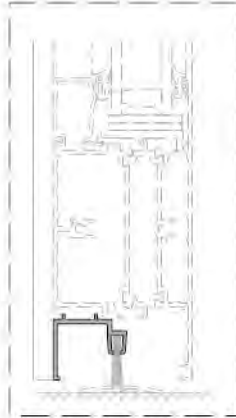
W55+15.421

Weight : 0,225 kg/m


 Kapı Altı Adaptör Profili
 Bottom Door adapter profile

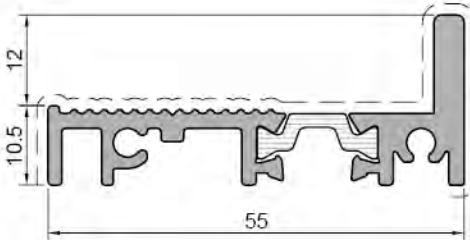
W55+15.422

Weight : 0,337 kg/m


 Kapı Altı Adaptör Profili
 Bottom Door adapter profile

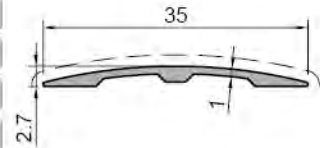
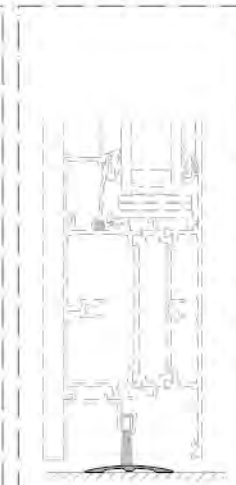
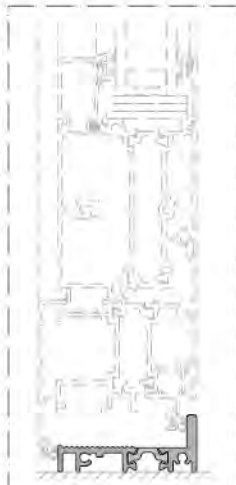
W55+15.423

Weight : 0,397 kg/m


 Kapı Altı Adaptör Profili
 Bottom Door adapter profile

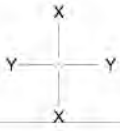
W55+15.424

Weight : 0,791 kg/m


 Kapı Altı Adaptör Profili
 Bottom Door adapter profile

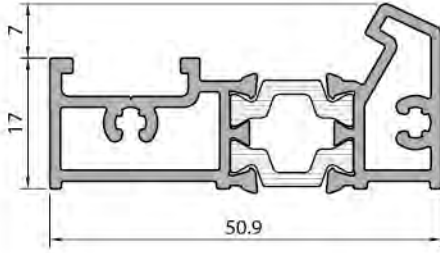
W55+15.425

Weight : 0,119 kg/m



W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

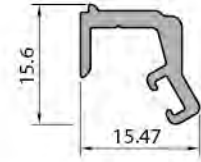
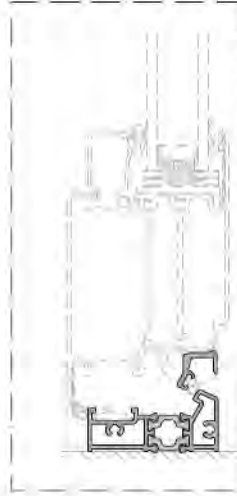
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Eşik profili
Threshold profile

W55+15.426

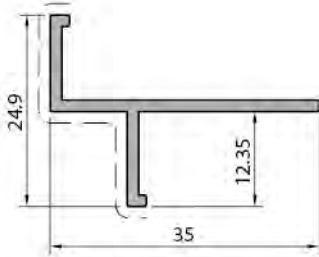
Weight : 0,874 kg/m



Eşik adaptör profili
Threshold adapter profile

W55+15.427

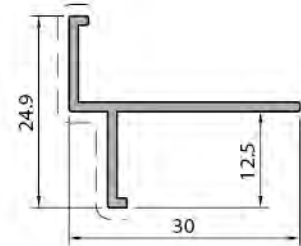
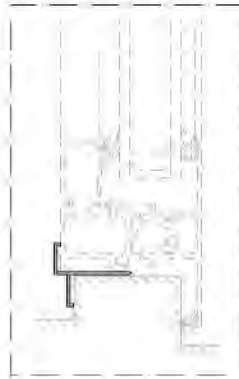
Weight : 0,185 kg/m



Kasa İç Çerçeve Profili
Internal frame profile

W55+15.430

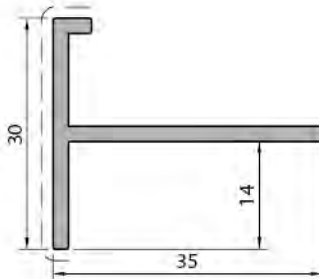
Weight : 0,250 kg/m



Kasa İç Çerçeve Profili
Internal frame profile

W55+15.431

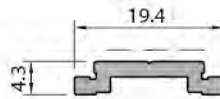
Weight : 0,185 kg/m



Kasa İç Çerçeve Profili
Internal frame profile

W55+15.432

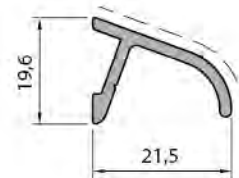
Weight : 0,360 kg/m



Tij Profili
Rod profile

W55+15.434

Weight : 0,130 kg/m

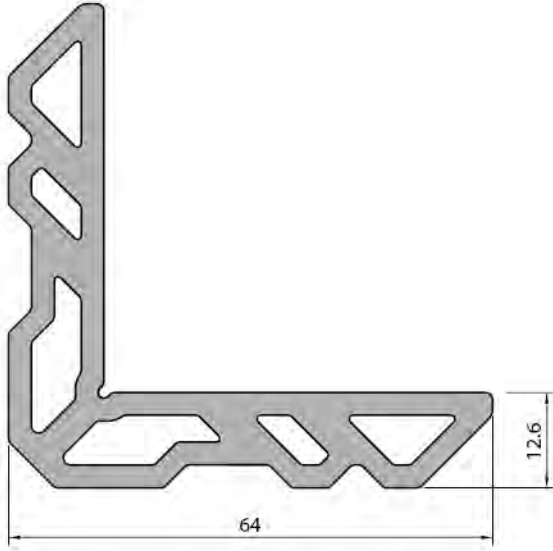


Damlalık Profili
Drip profile

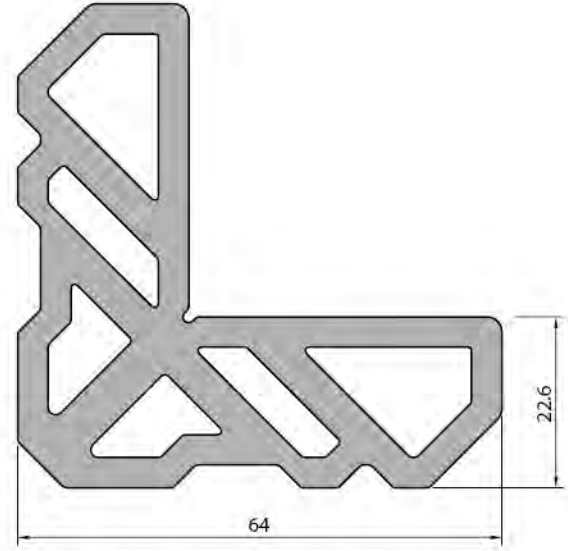
W55+15.435

Weight : 0,143 kg/m

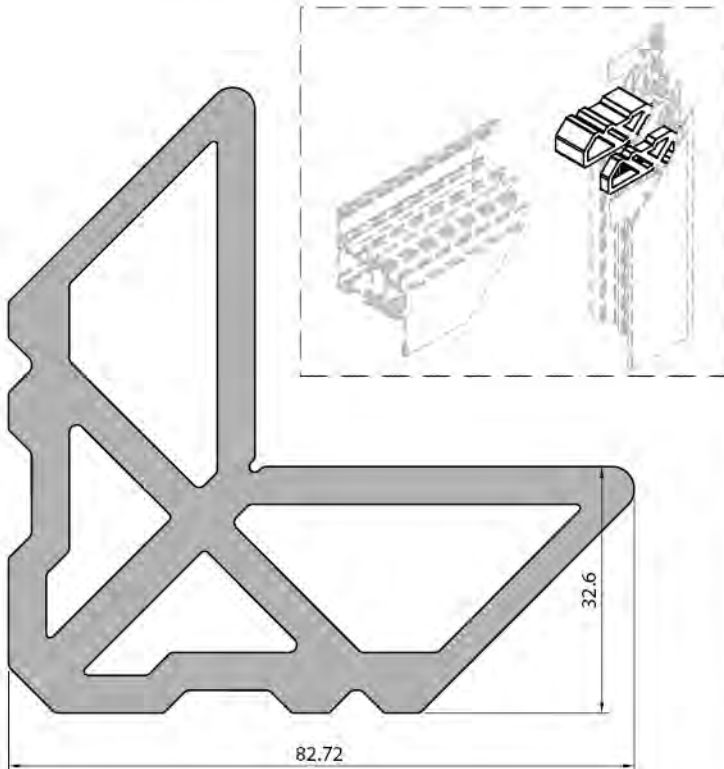
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



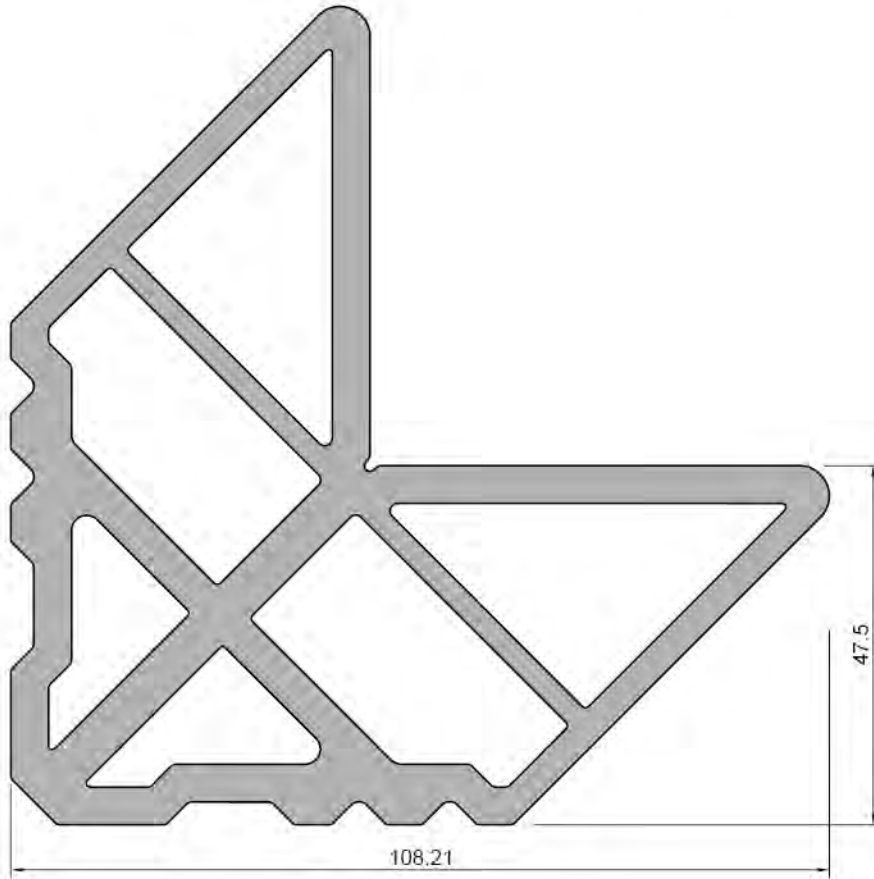
Kasa-Kanat Köşe Takoz Profili Frame-sash corner cleat profile
W55.450
Weight : 2,327 kg/m
W55.450-1 7 mm
W55.450-2 23,2 mm
W55.450-3 25,4 mm
W55.450-4 24,7 mm



Kasa-Kanat Köşe Takoz Profili Frame-sash corner cleat profile
W55.451
Weight : 3,694 kg/m
W55.451-1 7 mm
W55.451-2 23,2 mm
W55.451-3 25,4 mm
W55.451-4 13,1 mm



Kasa-Kanat Köşe Takoz Profili Frame-sash corner cleat profile
W55.452
Weight : 4,909 kg/m
W55.452-1 7 mm
W55.452-2 23,2 mm
W55.452-3 25,4 mm
W55.452-4 18,5 mm
W55.452-5 22 mm



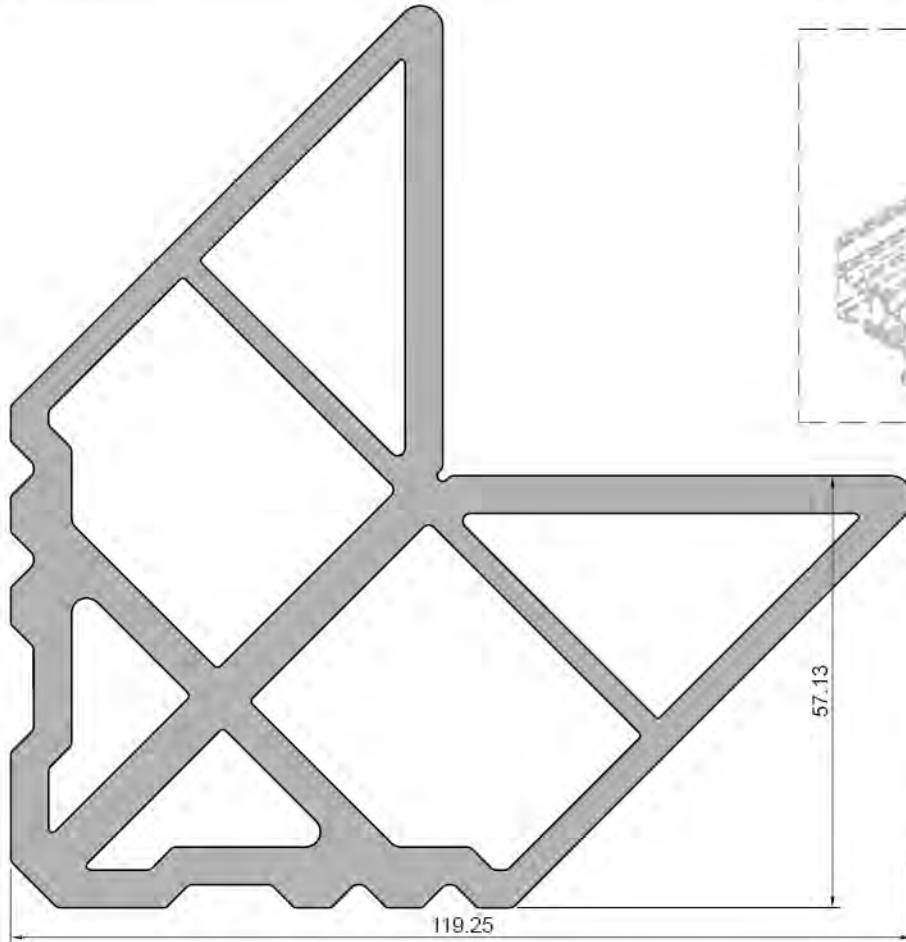
Kasa-Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.453

Weight : 7,101 kg/m

W55.453-1 7 mm

W55.453-2 13,1 mm



Kasa-Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

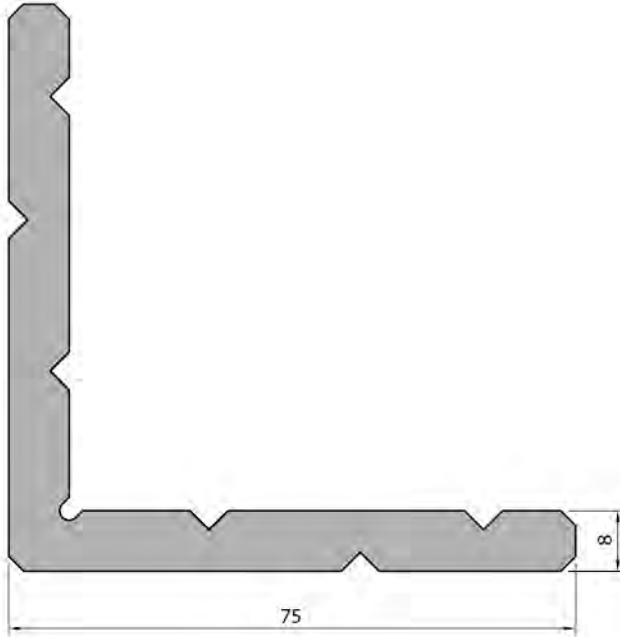
W55.454

Weight : 7,665 kg/m

W55.454-1 7 mm

W55.454-2 23,2 mm

W55.454-3 18,5 mm

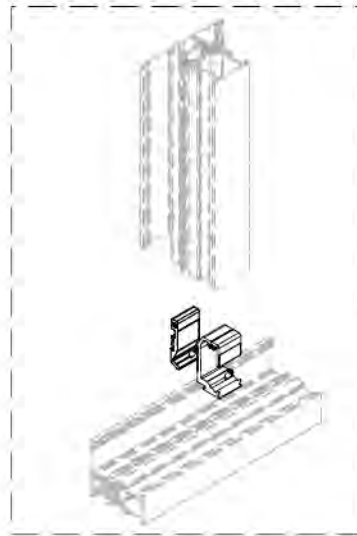
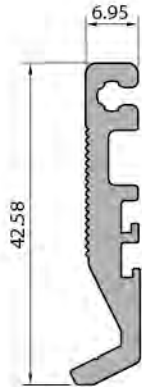


Kasa-Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.455

Weight : 2,927 kg/m

W55.455-1 7 mm



Orta Kayıt Bağlantı
Mullion connection

LS55443

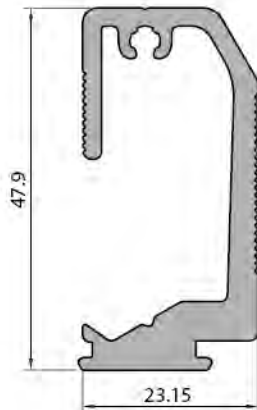
Weight : 0,516 kg/m

LS55443-2 12,5 mm

LS55443-3 22,5 mm

LS55443-5 32,6 mm

LS55443-6 25 mm



Orta Kayıt Bağlantı
Mullion connection

LS55444

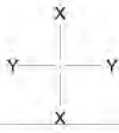
Weight : 0,974 kg/m

LS55444-2 12,5 mm

LS55444-3 22,5 mm

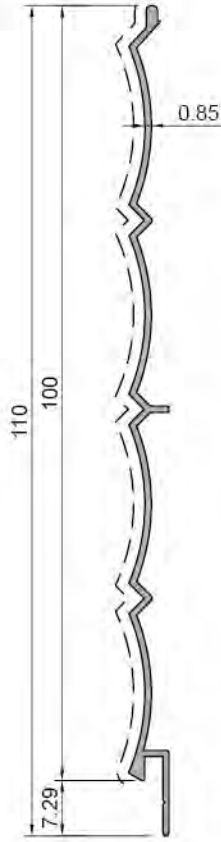
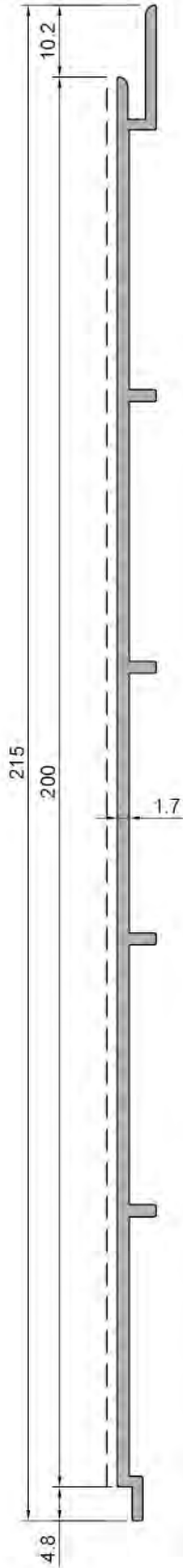
LS55444-5 32,6 mm

LS55444-6 25 mm



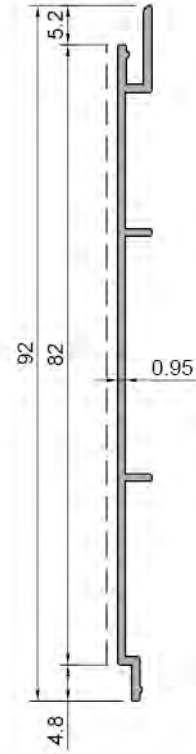
W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

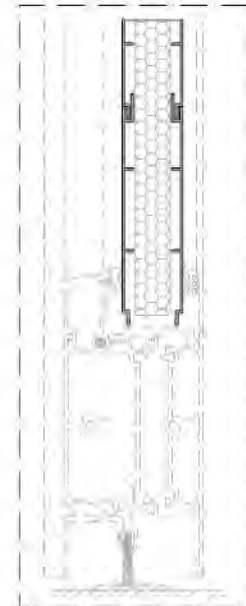


Lambri Profili Wainscot profile
W55+.15.437
Weight : 0,305 kg/m

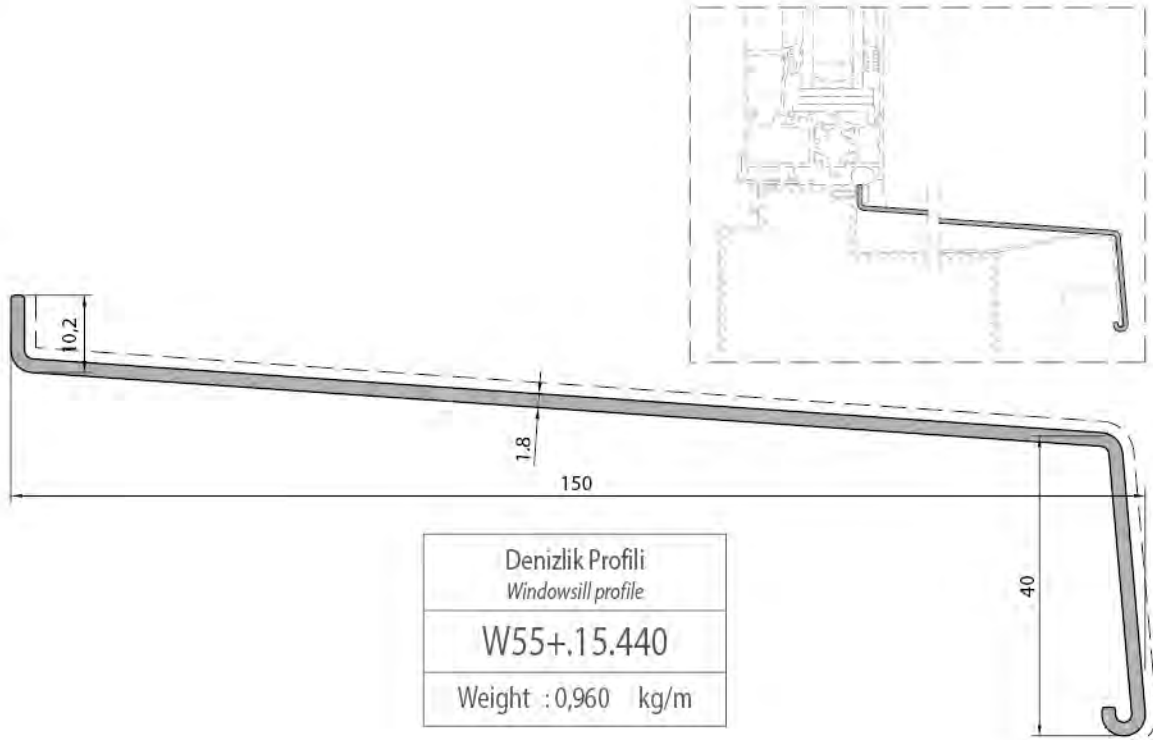
Lambri Profili Wainscot profile
W55+.15.436
Weight : 1,095 kg/m

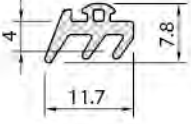
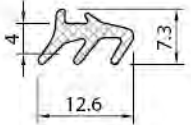
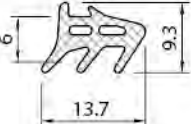
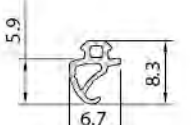
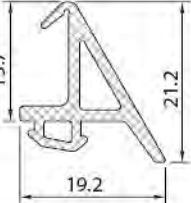
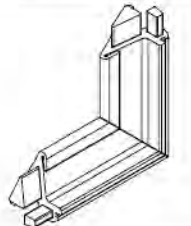


Lambri Profili Wainscot profile
W55+.15.438
Weight : 0,295 kg/m



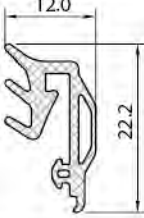
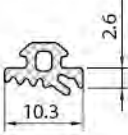
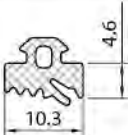
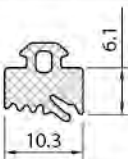
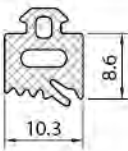
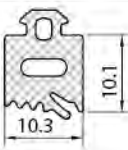
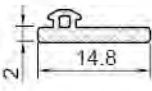
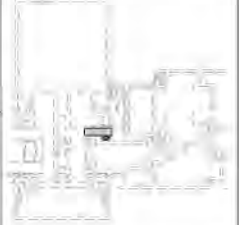
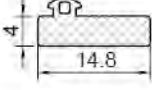
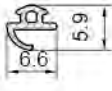
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



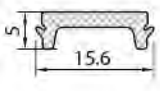
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55501		epdm cam dış fitil glazing gasket outside	55 gr/m	12 kg	220 m	
LS55502		epdm cam iç fitil glazing gasket inside	52 gr/m	12 kg	230 m	
LS55503		epdm cam iç fitil glazing gasket inside	80 gr/m	12 kg	150 m	
LS55504		epdm cam iç fitil glazing gasket inside	92 gr/m	12 kg	130 m	
W55.501		epdm iç bini fitil inside acoustic gasket	26 gr/m	12 kg	460 m	
W55.502		epdm tozluk iç fitil epdm central gasket	147 gr/m	10 kg	68 m	
W55.503		epdm tozluk iç fitil vulkanize köşe epdm central gasket vulcanised corner	--	--	50 ad./pk 50 pcs/pk	

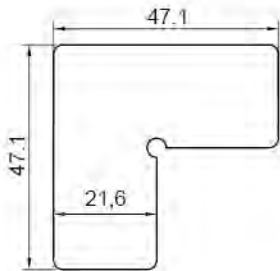
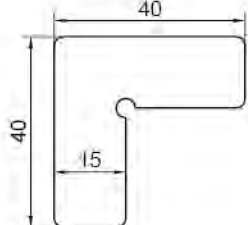
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

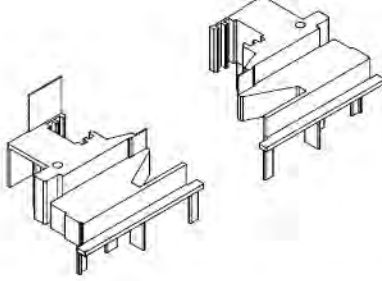
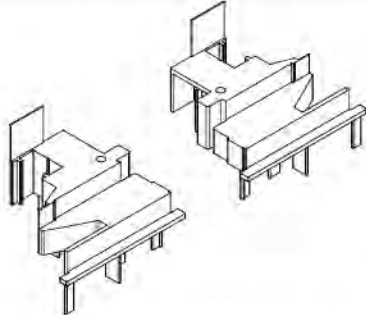
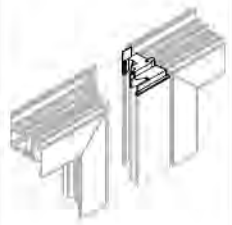
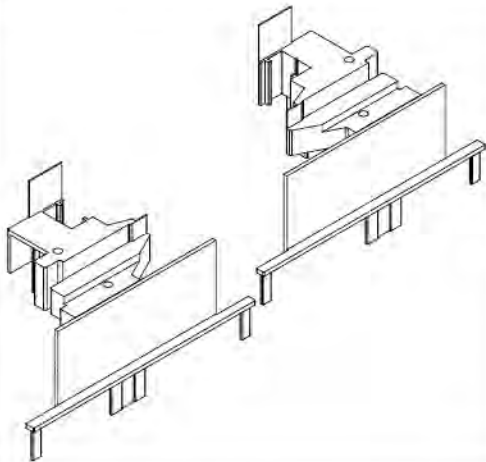
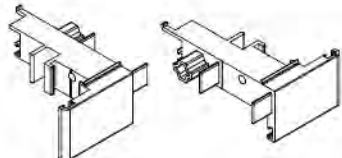
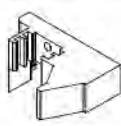
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
W55.510		epdm cam dış fitil glazing gasket outside	117 gr/m	10 kg	85 m	
W55.511		epdm fitil epdm gasket	18 gr/m	10 kg	555 m	
FC.50.601		epdm cam iç fitil glazing gasket inside	45 gr/m	12 kg	265 m	
FC.50.602		epdm cam iç fitil glazing gasket inside	60 gr/m	12 kg	200 m	
FC.50.603		epdm cam iç fitil glazing gasket inside	88 gr/m	12 kg	135 m	
FC.50.604		epdm cam iç fitil glazing gasket inside	104 gr/m	12 kg	114 m	
FC.50.605		epdm cam iç fitil glazing gasket inside	114 gr/m	12 kg	105 m	
W55.512		epdm cam iç fitil glazing gasket inside	49 gr/m	12 kg	245 m	
W55.513		epdm cam iç fitil glazing gasket inside	89 gr/m	12 kg	135 m	
W55.514		epdm dış bini fitil outside acoustic gasket	19 gr/m	10 kg	526 m	

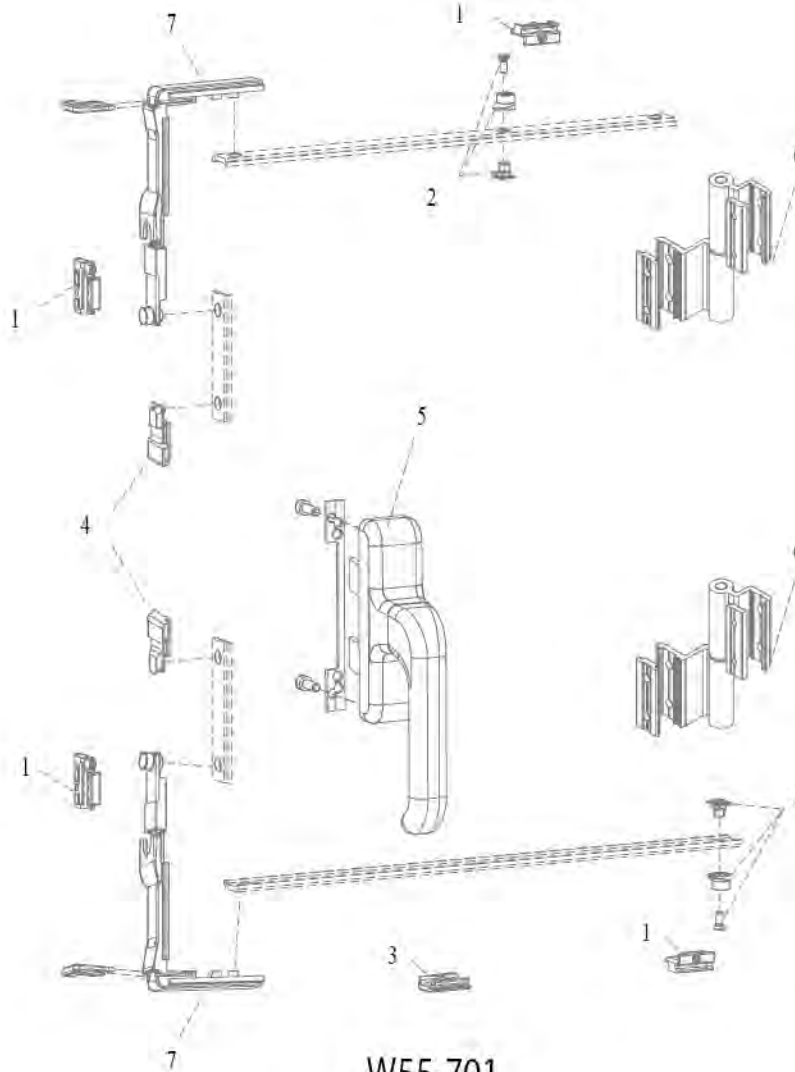
W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM**ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES**

Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
W55.515		epdm iç bini fitil inside acoustic gasket	26 gr/m	12 kg	460 m	
W55.516		epdm kapama fitil detent gasket	52 gr/m	5,2 kg	100 m	

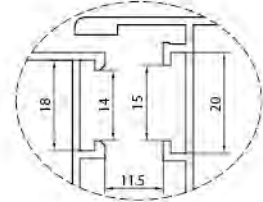
Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
LS55617		köşe onbaşı corner cleat	200 pcs/pk	
LS55618		köşe onbaşı corner cleat	200 pcs/pk	
W55.610		pvc cam destek takoz pvc glazing support cleat	3,0 m 20 pcs/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
W55.601		çift kanat adaptör kapak adapter cover for double sash euro groove (set)	20 pcs/pk	
W55.602		çift kanat adaptör kapak adapter cover for double sash pvc groove (set)	20 pcs/pk	
W55.603		gizli çift kanat adaptör kapak adapter cover for hidden double sash pvc groove (set)	20 pcs/pk	
W55.604		kapı altı adaptör kapağı Bottom door adapter cover	20 pcs/pk	
W55.605		kapı altı adaptör kapağı Bottom door adapter cover	20 pcs/pk	
LS55614		su tahliye kapağı water drainage plug	200 pcs/pk	



W55-701



euro groove section 1



*içe açılır pencere
inward opening window*

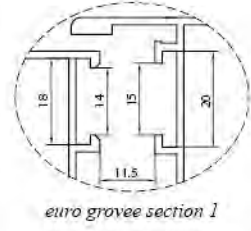
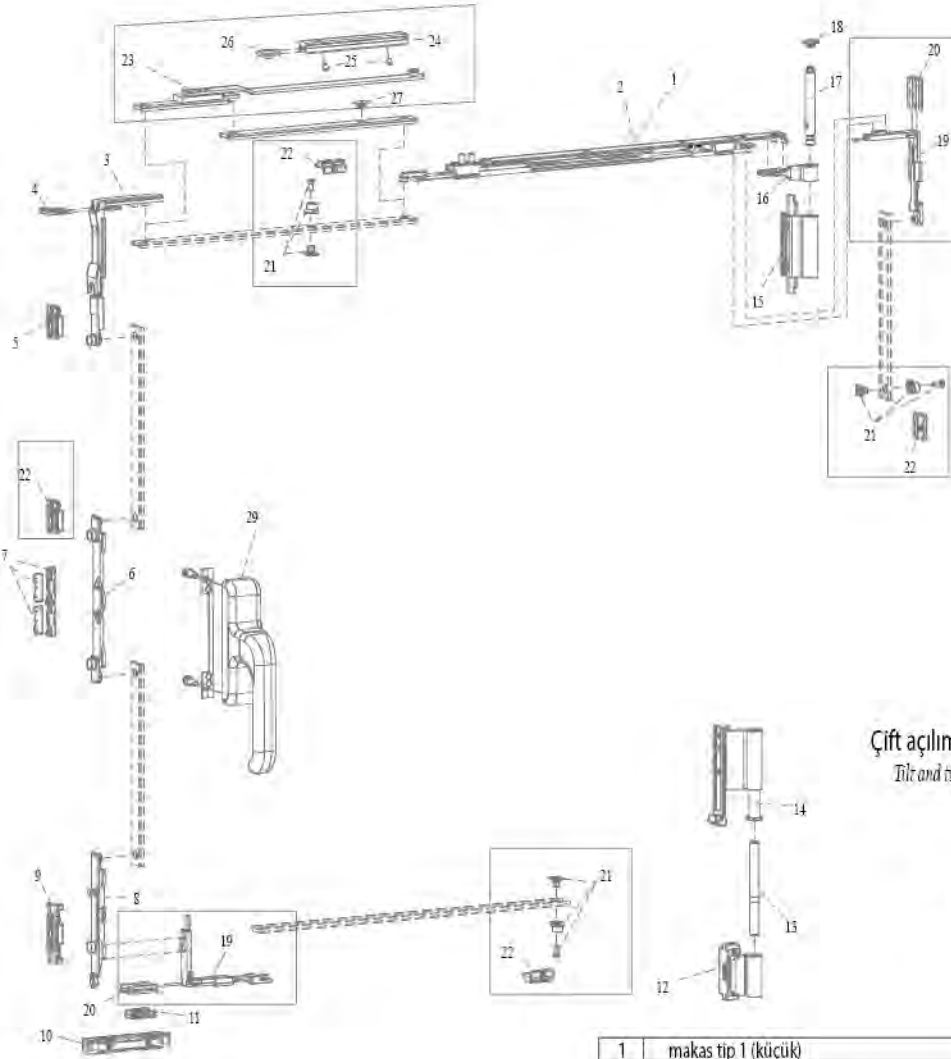
Normal açılım mekanizması (takım)

Opening window mechanism (set)

W55-701	1	Pim karşılığı	W55-731
	2	Ayarlı karşılık	W55-733
	3	Kanat sarkma takozu	W55-740
	4	Tij bağlantı pabucu	W55-732
	5	Çift dilli kol	W55-761
	6	Menteşe	W55-770
	7	Köşe dönme	W55-730



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



euro groove section 1



içe açılır pencere
inward opening window

Çift açılım mekanizması (takım)
Tilt and turn window mechanism (set)

W55.702 (80kg)

W55.702-1 (80kg)
ithal (import)

W55.703 (130kg)

W55.703-1 (130kg)
ithal (import)

		(80 kg)	(130 kg)
		W55.702	W55.703
1	makas tip 1 (küçük)	W55-738-80	W55-738-130
2	makas tip 2 (büyük)	W55-739-80	W55-739-130
3	köşe dönme		
4	köşe dönme sabitleme klipsi		
5	karşılık		
6	kol karşılığı		
7	hatalı kullanım öneme karşılığı	W55-722	W55-722
7	8-10mm ayar şimi		
8	sürgü		
9	karşılık		
10	çift sürgü karşılık		
11	dinlendirme takozu		
12	dip menteşe erkek kısmı		
13	dip menteşe pimi		
14	üst menteşe dişi kısmı	W55-721	W55-720
15	üst menteşe erkek kısmı		
16	üst menteşe dişi kısmı		
17	üst menteşe pimi		
18	üst menteşe stoper kapak		
29	euro 900 çift açılım kolu	W55-763	W55-763
		+	+
		> 80kg	> 130kg

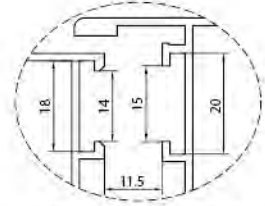
ILAVE	ILAVE	ILAVE	ILAVE
ARKA	ARKA	ARKA	ARKA
KİLİTLEME	KİLİTLEME	KİLİTLEME	KİLİTLEME
19	ilave köşe dönme		
20	ilave köşe dönme sabitleme klipsi		
21	kilitleme pimi	W55-723	W55-723
22	ayarlı karşılık		
23	ilave makas		
24	ilave makas kılavuzu		
25	klavuz vidaları		
26	ayarlı stoper		
27	makas destek bloğu		W55-735



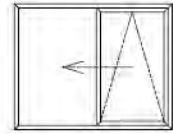
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



W55.704

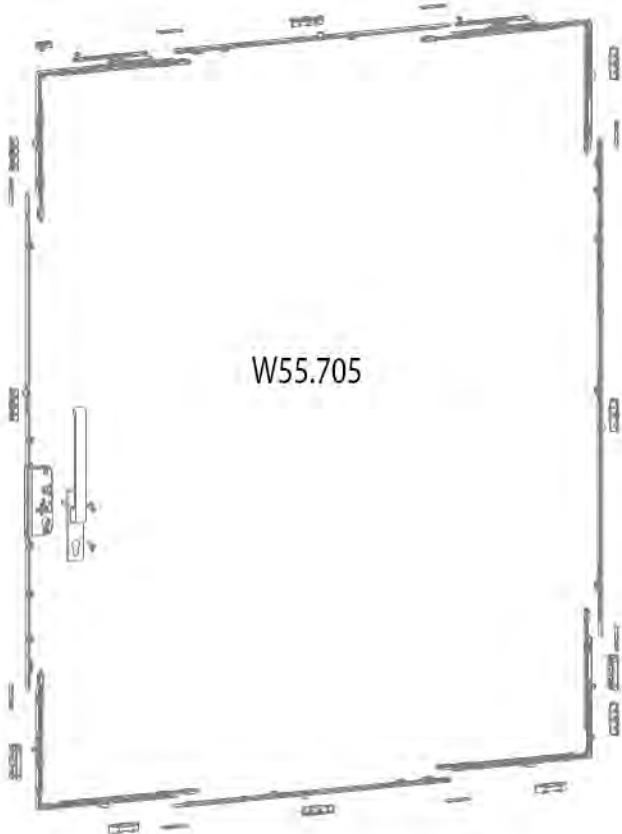


euro groove section 1



Volkswagen açılım mekanizması (takım)

Volkswagen opening window mechanism (set)



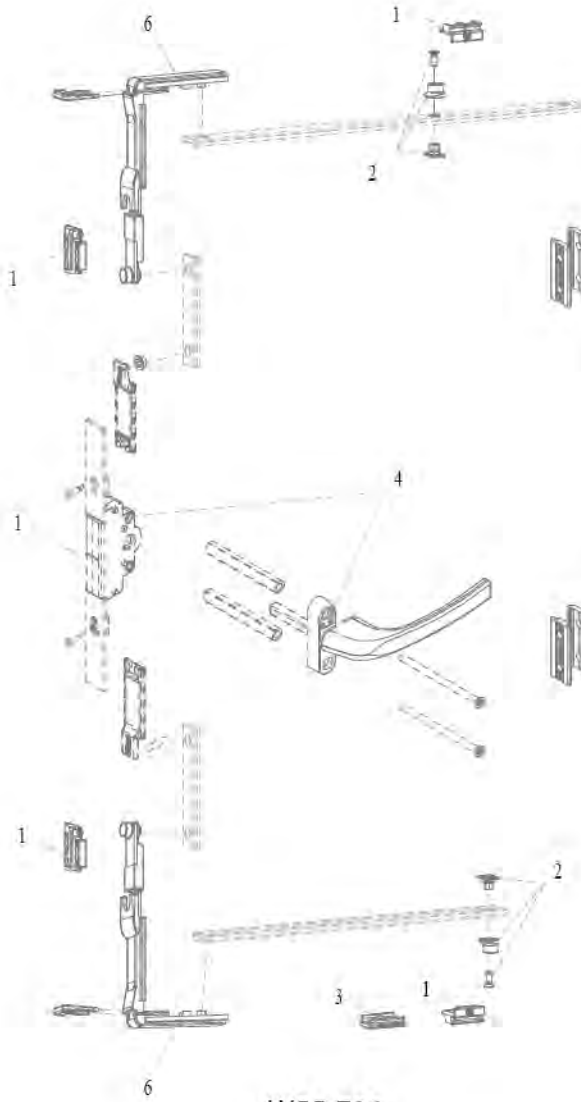
W55.705

Volkswagen tam otomatik açılım mekanizması (takım)

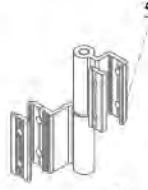
Volkswagen opening window full automatic mechanism (set)



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

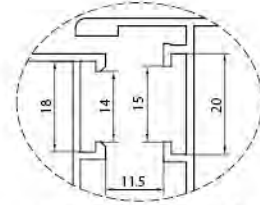


W55-706



Normal açılım mekanizması (takım)

Opening window mechanism (set)



euro groove section 1



dışa açılır pencere
outward opening window



kapı kilit mekanizması
door locking mechanism

W55-707



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

W55-706	1	Pim karşılığı	W55-731
	2	Ayarlı karşılık	W55-733
	3	Kanat sarkma takozu	W55-740
	4	Mekanizma+kol	W55-748
	5	Menteşe	W55-770
	6	Köşe dönme	W55-730

+
> 1200 x 1400 mm

W55+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

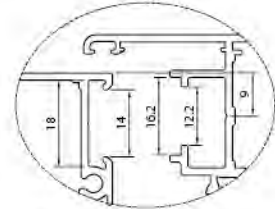
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

Locking mechanism UNI-JET C and D - Side hung fittings - 1 sash
Fixed gear position, groove position 9mm

Normal açılım PVC mekanizması (takım)
PVC classic opening window mechanism (set)



içe açılır pencere
inward opening window



pvc groove section 9mm

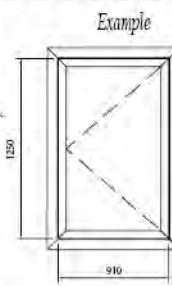
W55.710

	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200**	1201-1450**	1451-1600**
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

* arka kilitlemeli
**yatay kilitlemeli



Farklı renk seçeneği belirtilmelidir.
By selecting different colors, it must be informed.



Example
sipariş kodu
order code

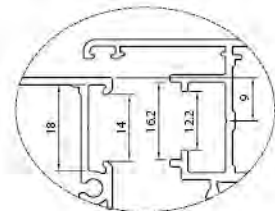
W55.710-27

Locking mechanism UNI-JET C and D - Side hung fittings - 1 sash
Fixed gear position, groove position 9mm

Çift açılım PVC mekanizması (takım)
PVC tilt and turn window mechanism (set)



içe açılır pencere
inward opening window



pvc groove section 9mm

W55.711



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200**	1201-1450**	1451-1600**
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

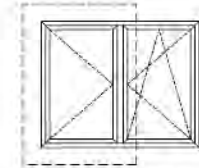
* arka kilitlemeli
**yatay kilitlemeli

Locking mechanism UNI-JET C and D Inactive sash fittings ZH
Fixed gear position, groove position 9 mm

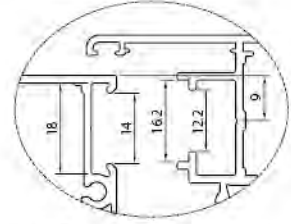


W55.712

Normal açılım PVC mekanizması (takım)
PVC classic opening window mechanism (set)



içe açılır pencere
inward opening window



pvc groove section 9mm

	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200 **	1201-1450 **	1451-1600 **
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

* arka kilitlemeli
**yatay kilitlemeli



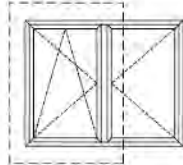
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

Locking mechanism UNI-JET C and D - Tilt-turn fittings - 2 sashes
Fixed gear position, groove position 9mm

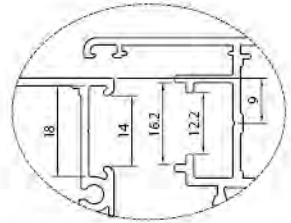


W55.713

Çift açılım PVC mekanizması (takım)
PVC tilt and turn window mechanism (set)



içe açılır pencere
inward opening window



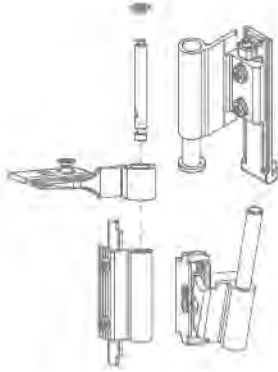
pvc groove section 9mm

	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200 **	1201-1450 **	1451-1600 **
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

* arka kilitlemeli
**yatay kilitlemeli

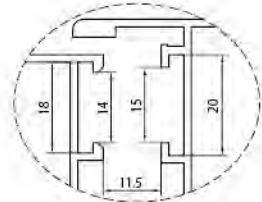


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



Çift açılım pencere üst menteşesi (130kg)
Tilt and turn window top hinge (130kg)

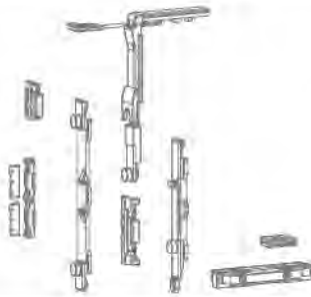
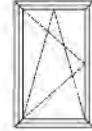
W55.720



euro groove section 1

Çift açılım pencere üst menteşesi (80kg)
Tilt and turn window top hinge (80kg)

W55.721



Çift açılım kilitleme mekanizması
Tilt and turn base mechanism

W55.722

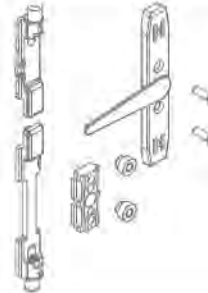


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



Çift açılım ilave kilitleme
Tilt and turn annex set

W55.723



İkinci kanat sürgü seti
Two-way lever push bolt

W55.724



Köşe hareket aktarıcı
Corner transmission for window

W55.730



Pim karşılığı
Adjustable single striker

W55.731



Tij bağlantı pabucu
Connection blocks

W55.732



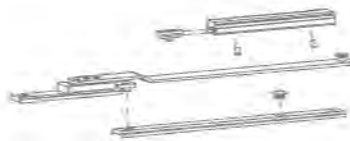
Pim
Pin

W55.733



Ayarlanabilir pim
Adjustable fastening pawl

W55.734



Çift açılım ilave makas
Tilt and turn annex arm

W55.735



Kol karşılığı
Cremone drive

W55.736



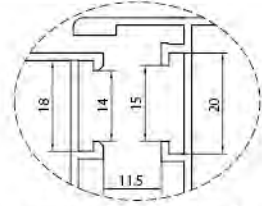
Sürgü ucu
Bolt tip

W55.737

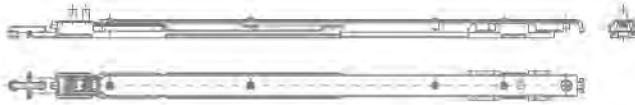


Çift açılım küçük makas (80kg)
Tilt and turn short arm (80kg)
W55.738-80

Çift açılım küçük makas (130kg)
Tilt and turn short arm (130kg)
W55.738-130



euro groove section 1



Çift açılım büyük makas (80kg)
Tilt and turn long arm (80kg)
W55.739-80

Çift açılım büyük makas (130kg)
Tilt and turn long arm (130kg)
W55.739-130



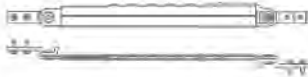
Kanat sarkma takozu
Sash rise stopper
W55.740



Çiftli sürgü karşılığı
Double keeper
W55.741



Kanat düşüş karşılığı
Sash drop keeper
W55.742



Kademeli teleskopik makas
Stepped telescopic arm
W55.743



Vasistas makası
Arm for bottom-hung window
W55.744



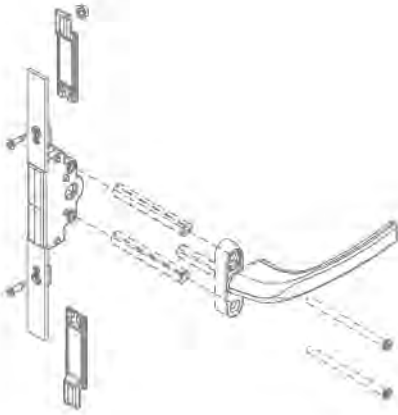
Vasistas çit çit
Catch for bottom-hung window
W55.745



Kapı sürgüsü
Door lever bolt
W55.746

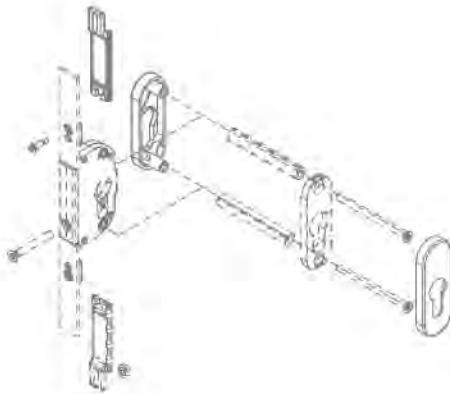


Kapı altı fırçası
Door brush
W55.747



Dışa açılır pencere-kapı mekanizması
Outward opening window-door mechanism

W55.748



Dışa açılır kapı kilit mekanizması
Outward opening door locking mechanism

W55.749



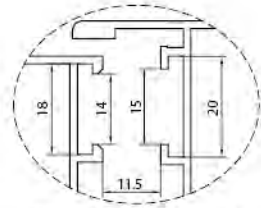
Dışa açılır kapı mekanizması
Outward opening door mechanism

W55.751



Dışa açılır kapı mekanizması
Outward opening door mechanism

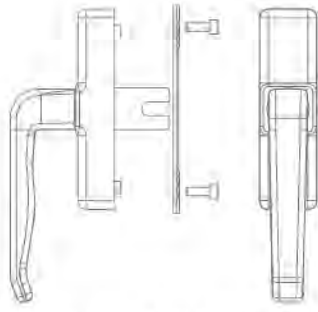
W55.750



euro groove section 1

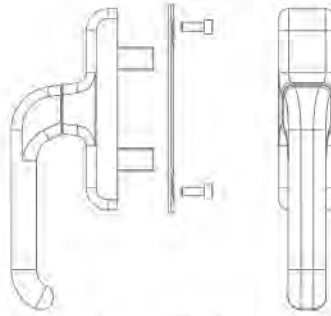


dışa açılır pencere-kapı
outward opening window-door



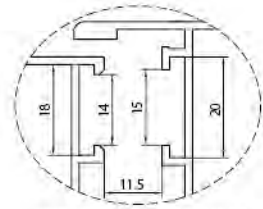
Tek maçalı normal açılım pencere kolu
Opening window handle

W55.760

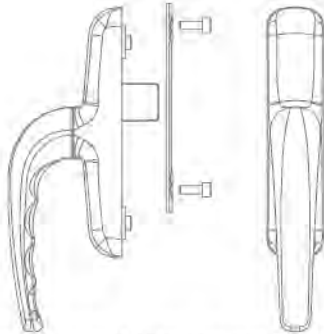


Çift maçalı normal açılım pencere kolu
Opening window handle

W55.761



euro groove section 1



Tek maçalı normal açılım pencere kolu (ithal)
Opening window handle (import)

W55.760-1

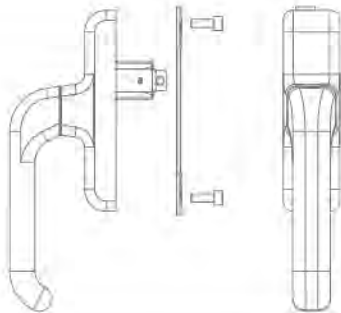


Anahtarlı eksenel kol
Key locatable window handle

W55.762

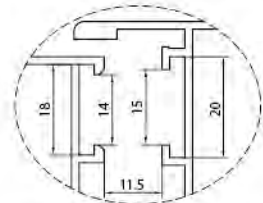


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

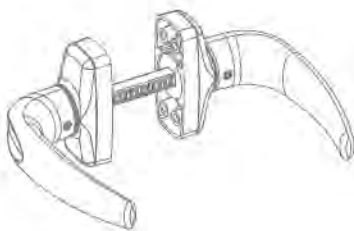


Çift açılım pencere kolu
Tilt and turn opening window handle

W55.763

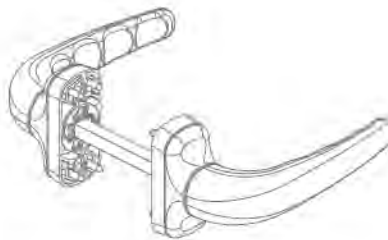


euro groove section 1



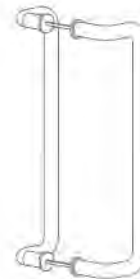
Prima kapı kolu
Prima door handle

W55.764



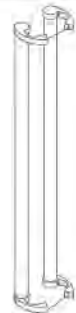
Prima kapı kolu (ithal)
Prima door handle couple (import)

W55.764-1



Kivrik kapı kolu
Door handle

W55.765



Akbank kapı kolu
Door handle

W55.763



İki yapraklı pencere menteşesi
Two leaves window hinge

W55.770



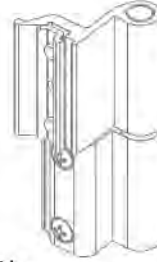
max.80 kg



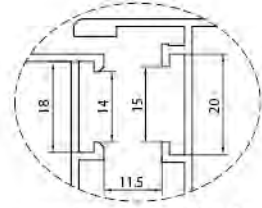
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



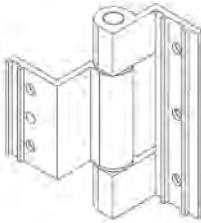
max.80 kg



W55.770-1
ithal (import)



euro groove section 1



Üç yapraklı normal açılım pencere menteşesi
Three leaves window hinge

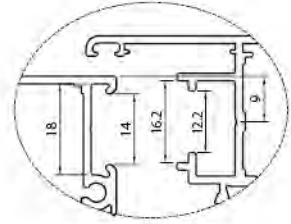
W55.771



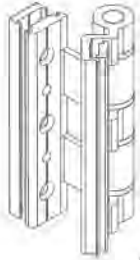
max.80 kg



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



pvc groove section 9mm



W55.773

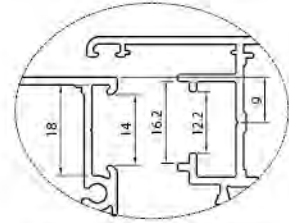
Üç yapraklı kapı menteşesi
Three leaves door hinge



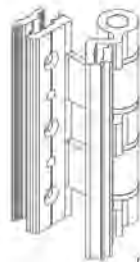
max.100 kg



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



pvc groove section 9mm



W55.774

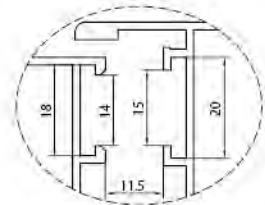
Üç yapraklı kapı menteşesi
Three leaves door hinge



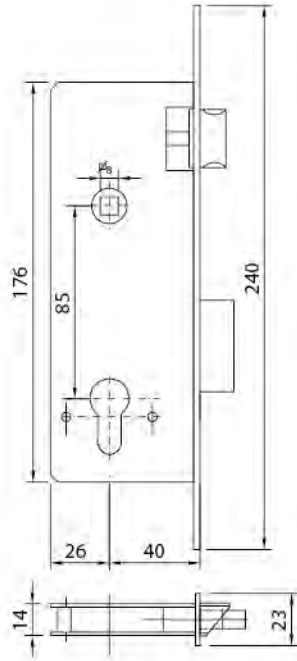
max.100 kg



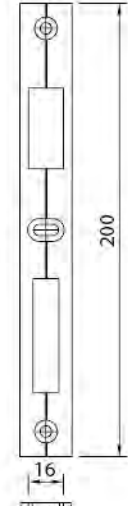
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



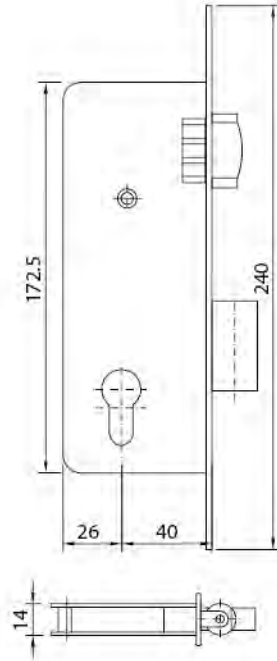
euro groove section 1



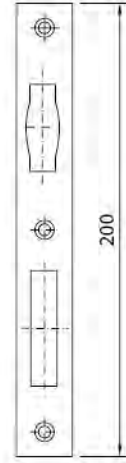
W55.780
Geniş kilit(dilli)
Wide type lock (bolt)



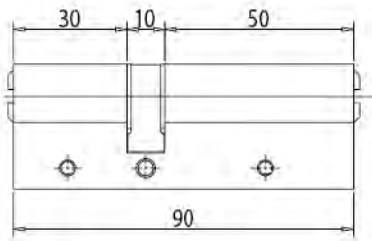
W55.781
Kilit karşılığı
Lock plate



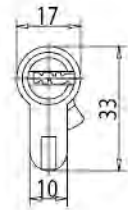
W55.782
Geniş kilit(makaralı)
Wide type lock (roller)



W55.783
Kilit karşılığı
Lock plate



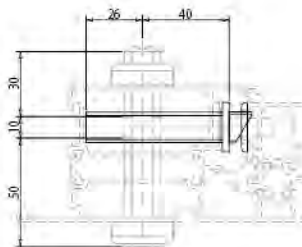
W55.784
Barel
Cylinders



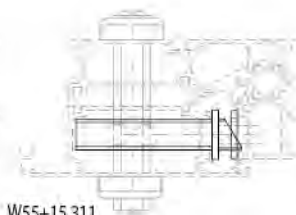
W55.785
Barel rozeti
Cylinder cover



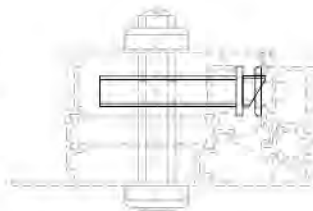
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



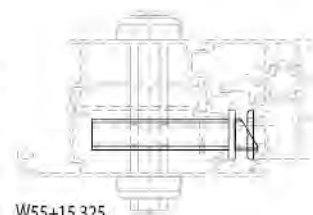
W55+15.304



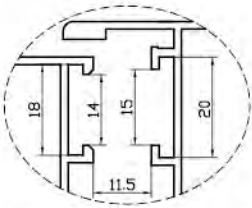
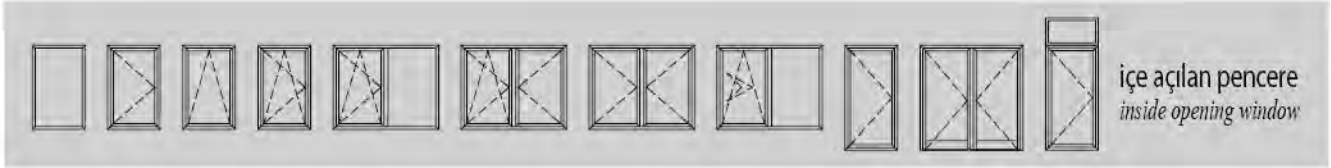
W55+15.311



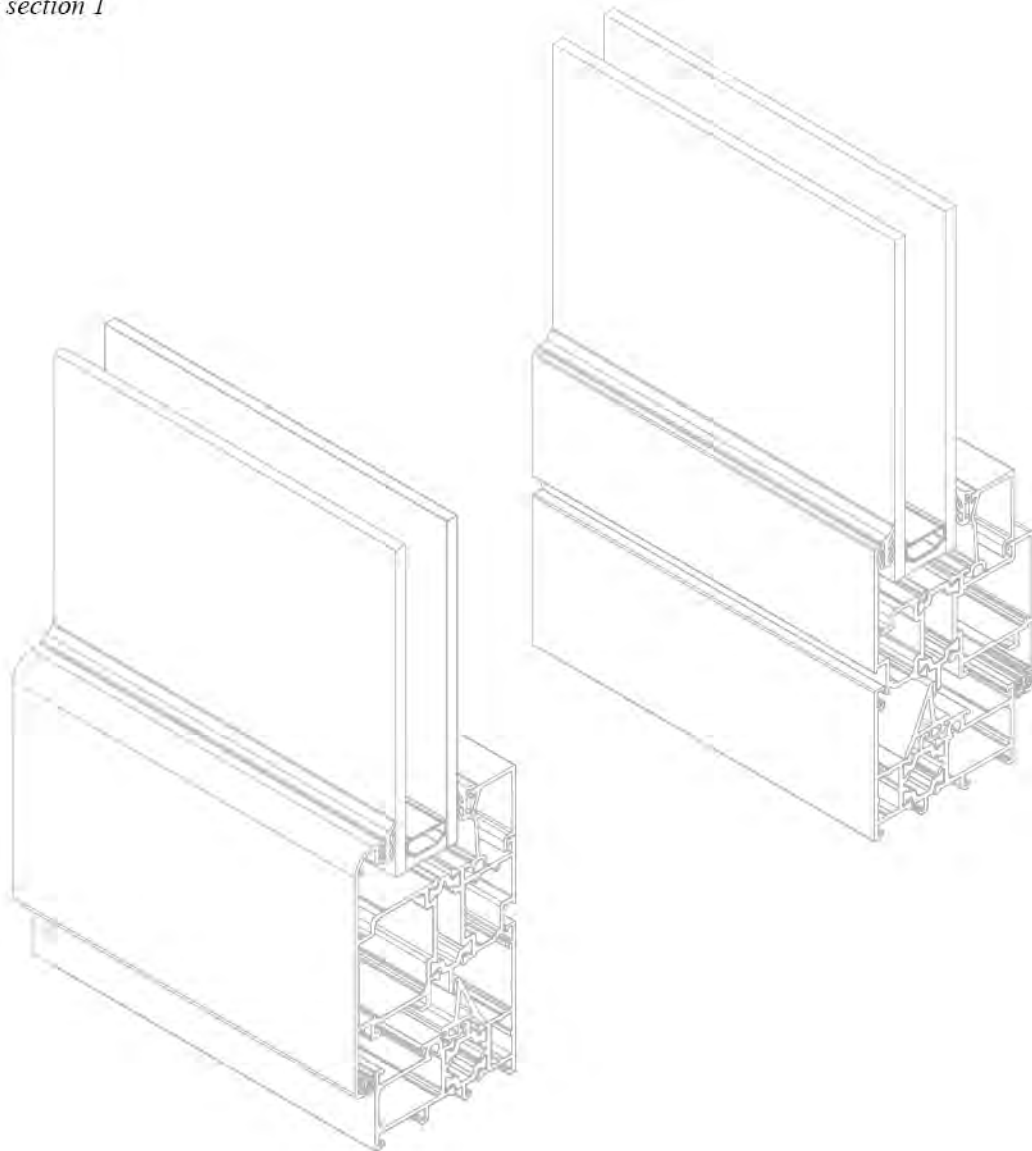
W55+15.319



W55+15.325

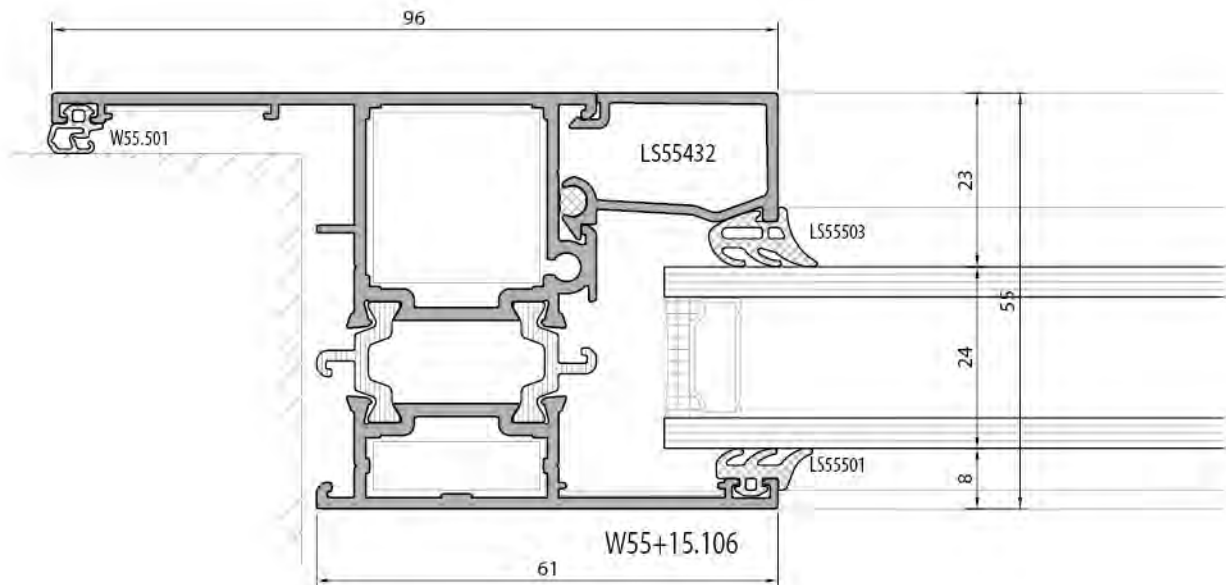
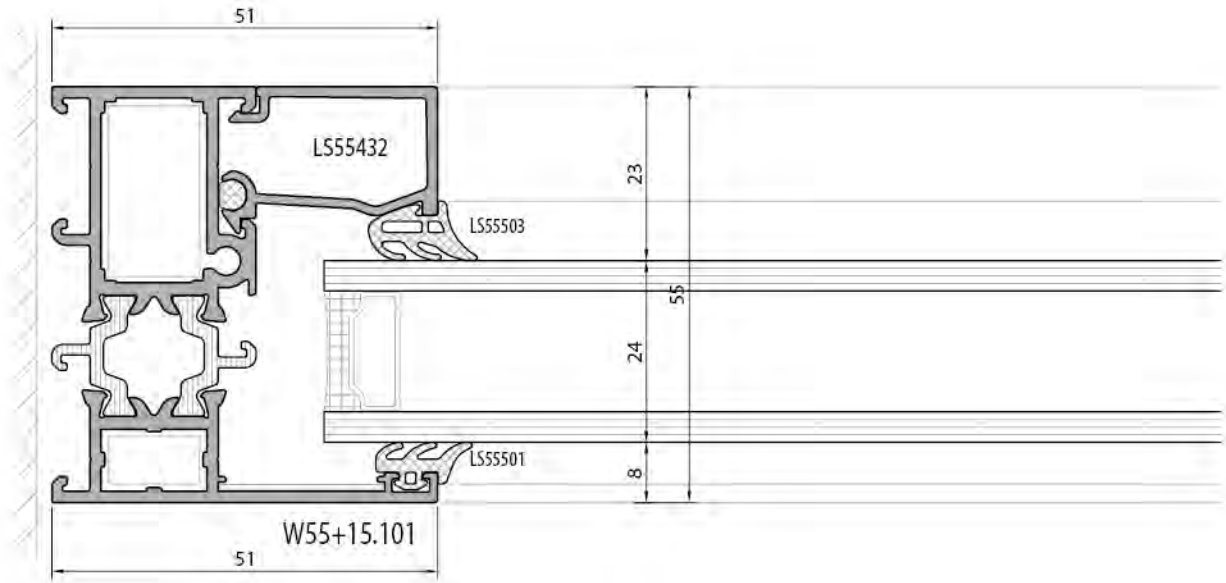


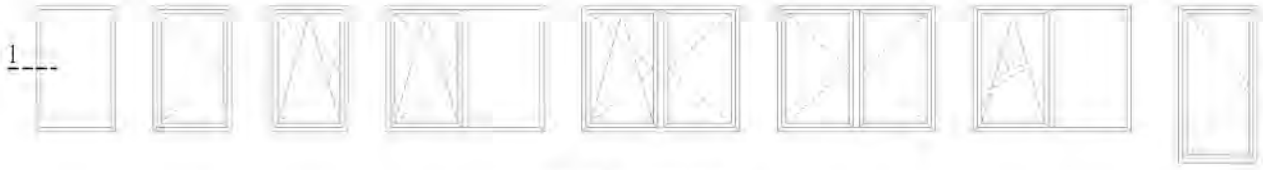
euro groove section 1



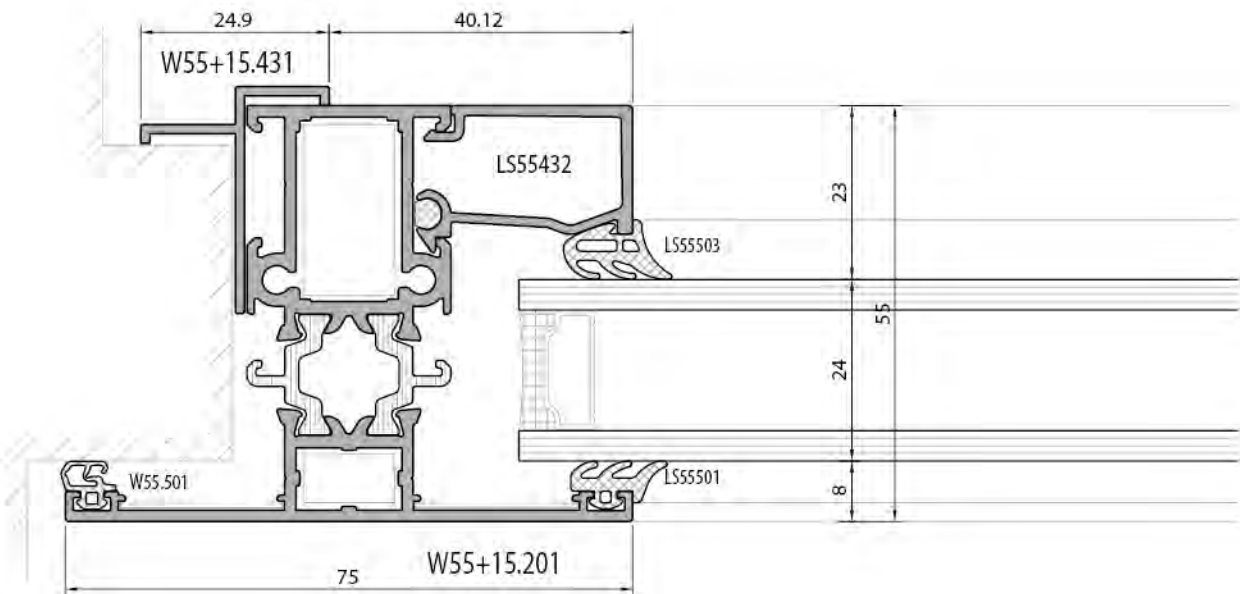
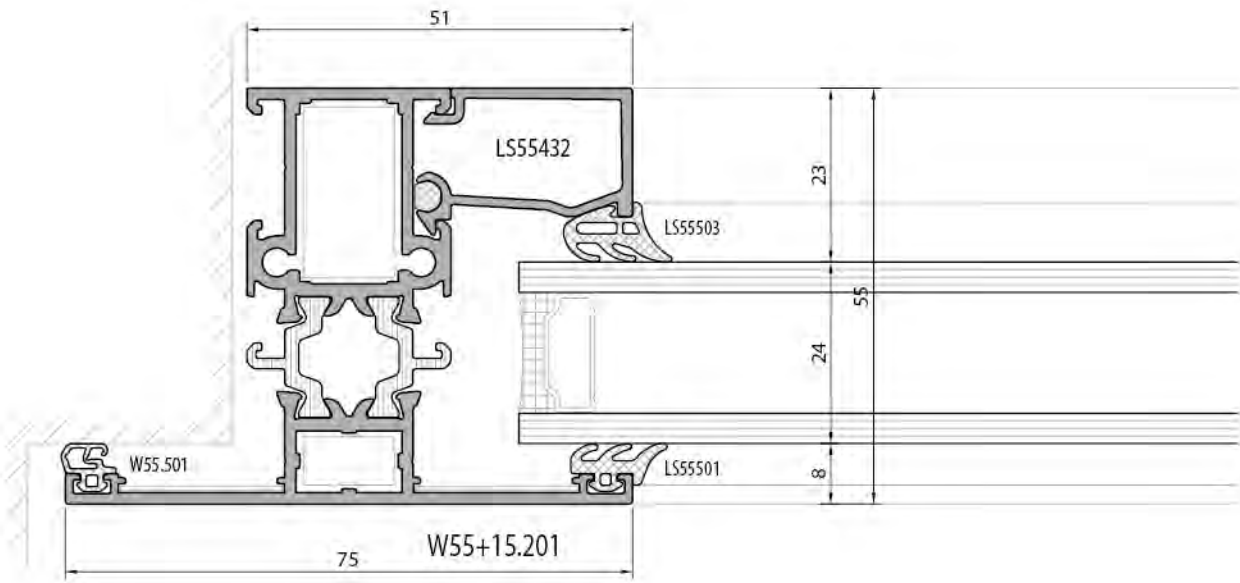


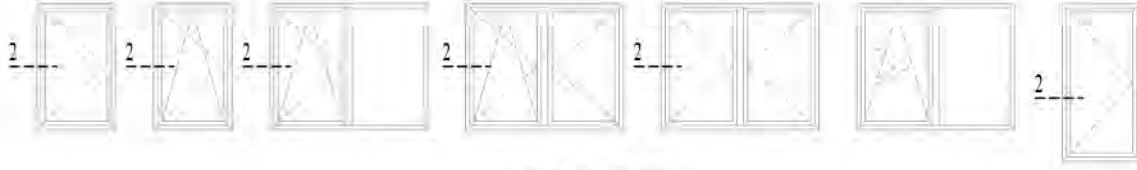
içe açılır pencere
inward opening window



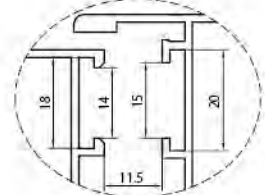


içe açılır pencere
inward opening window

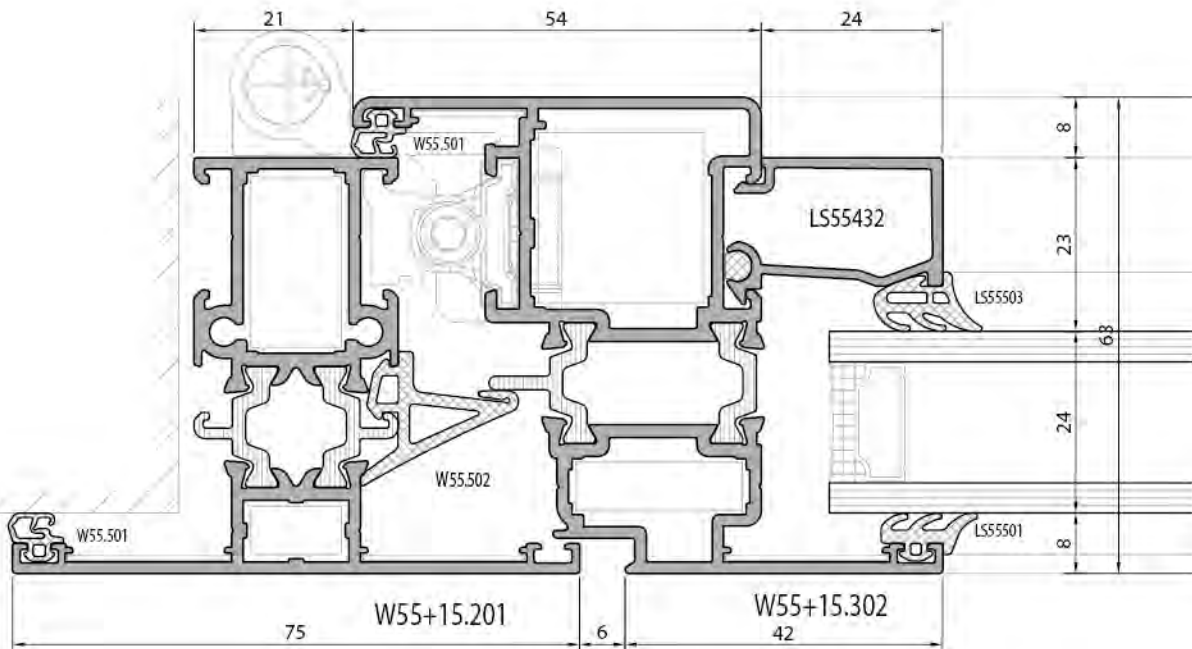
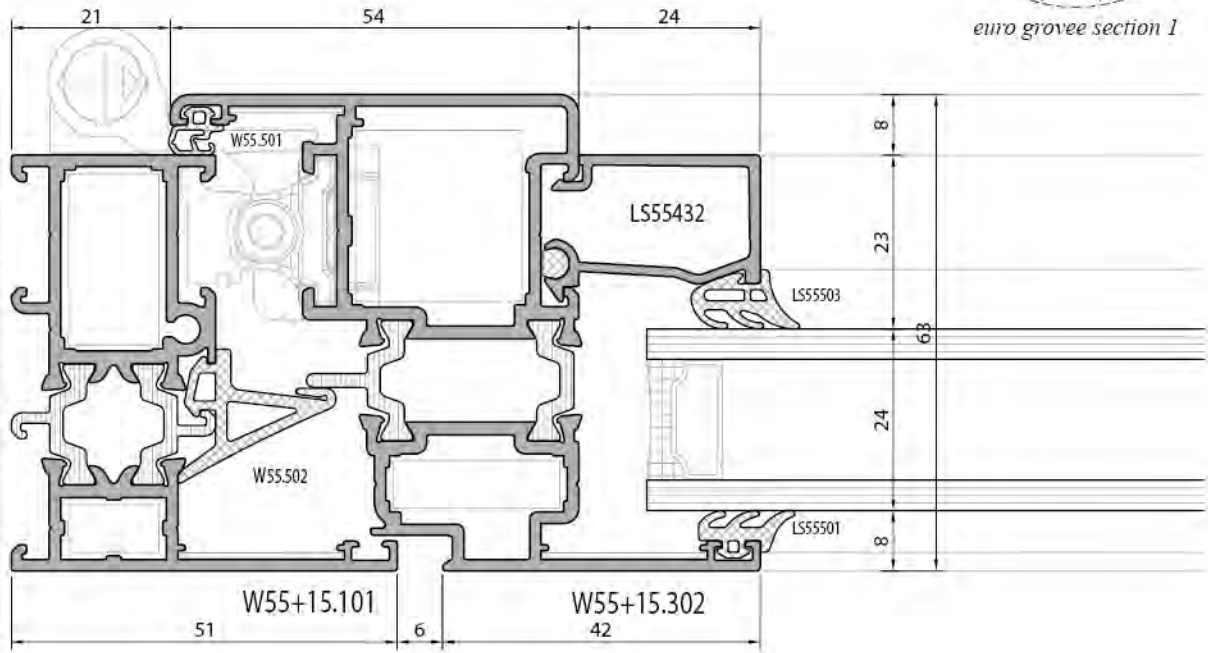


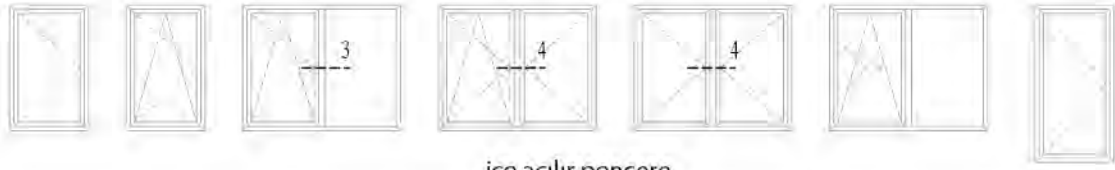


içe açılır pencere
inward opening window

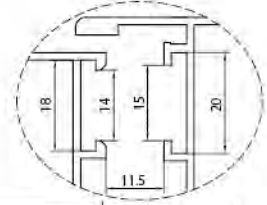


euro groove section 1

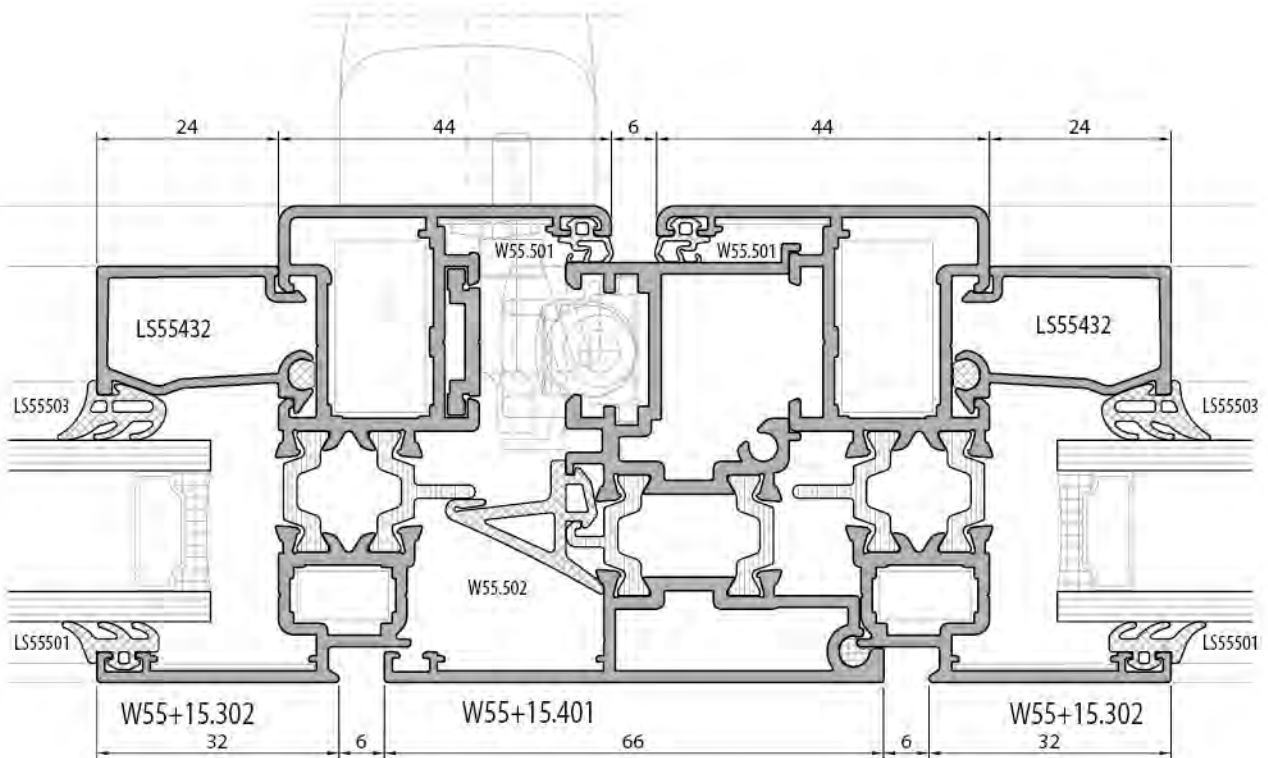
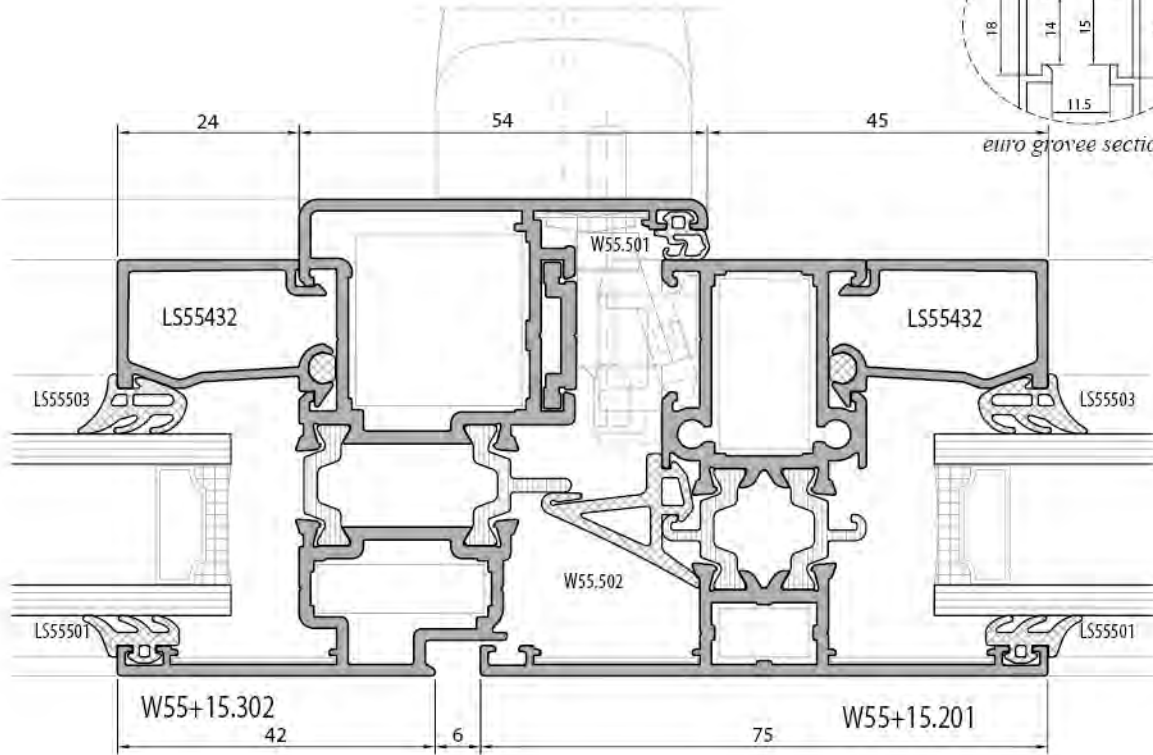


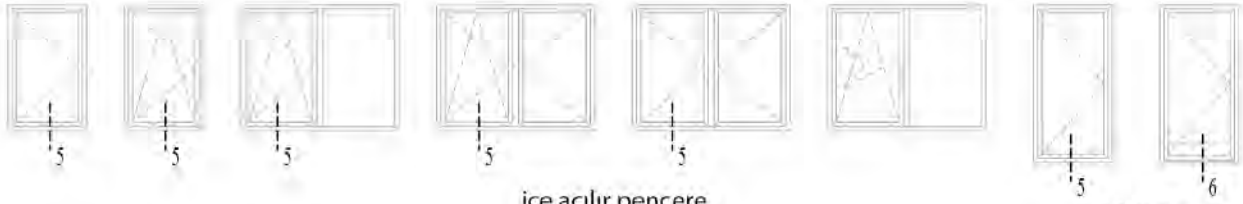


içe açılır pencere
inward opening window

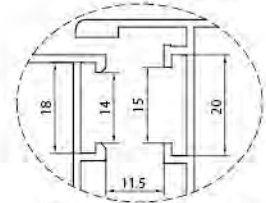


euro groove section 1

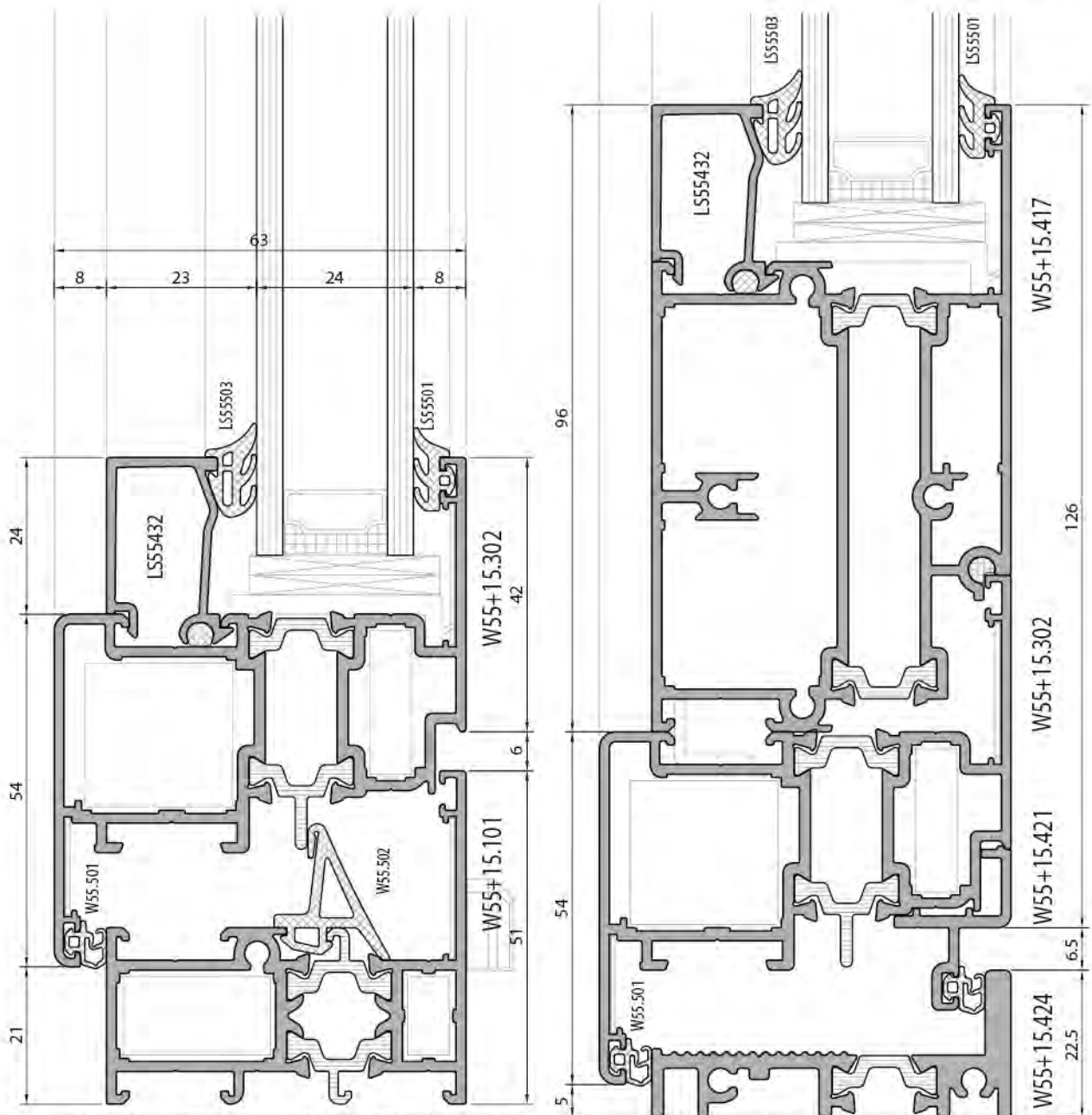


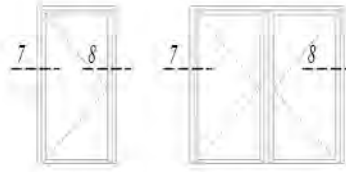


içe açılır pencere
inward opening window

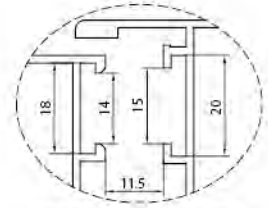


euro grove section 1

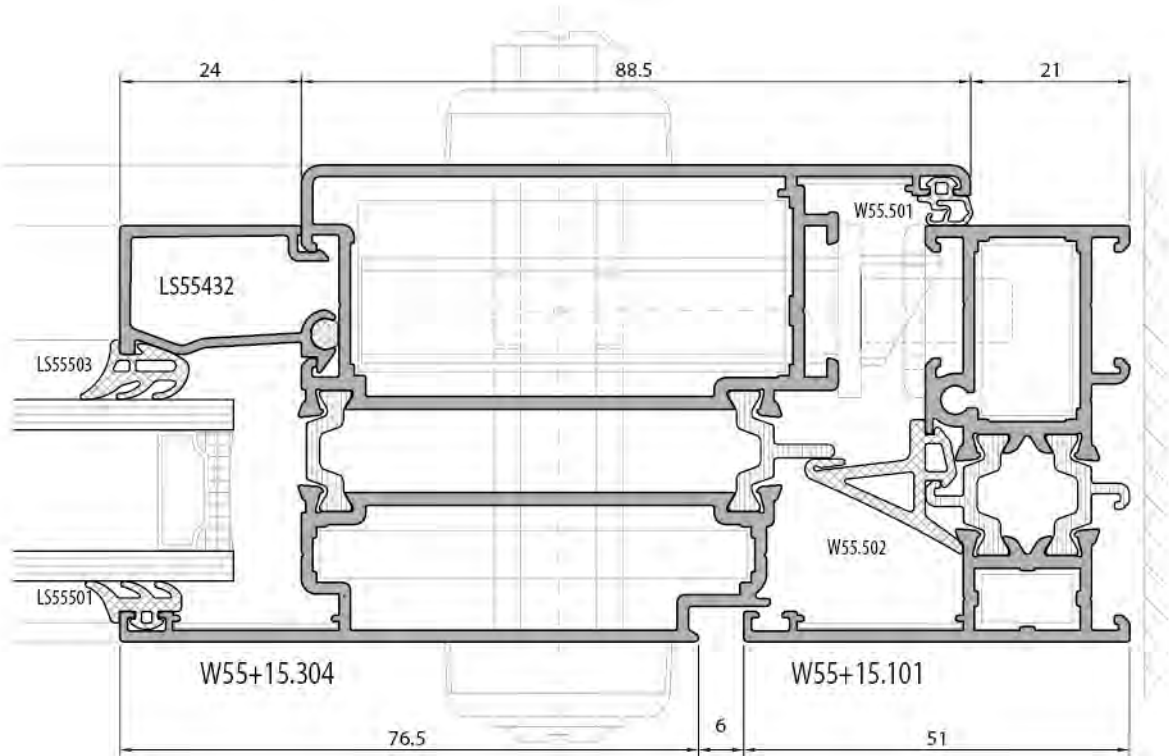
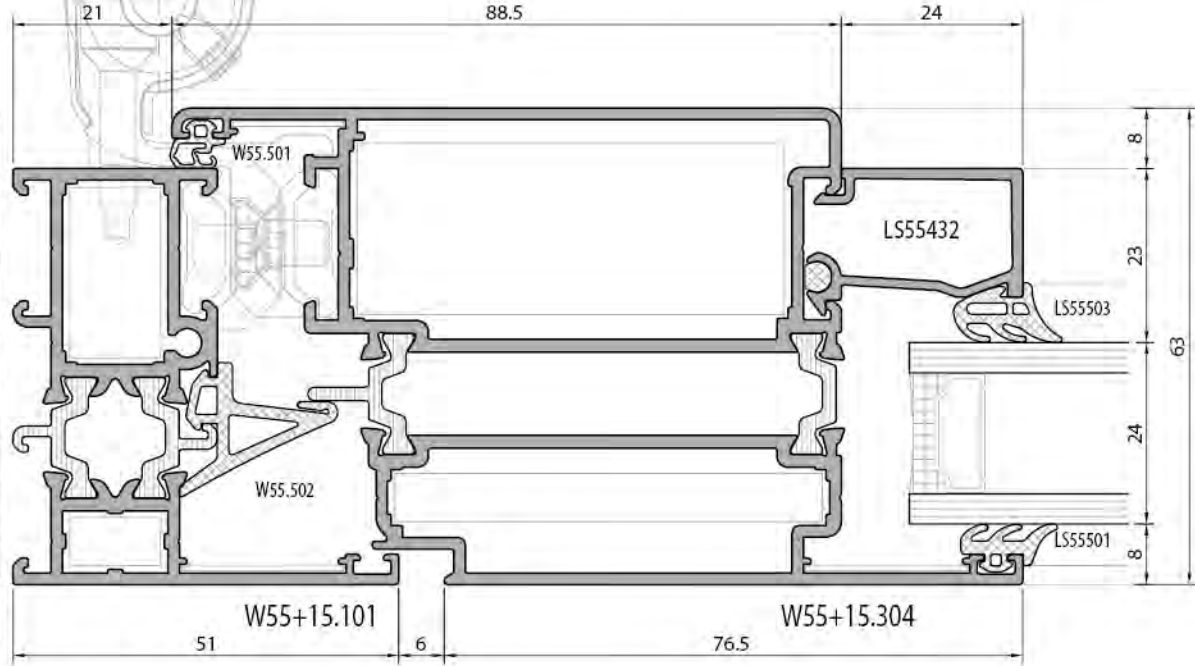


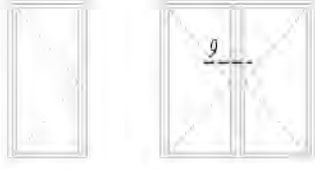


içe açılır kapı
inward opening door

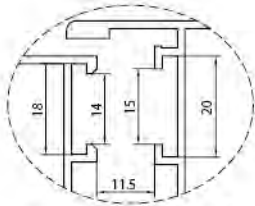


euro groove section 1

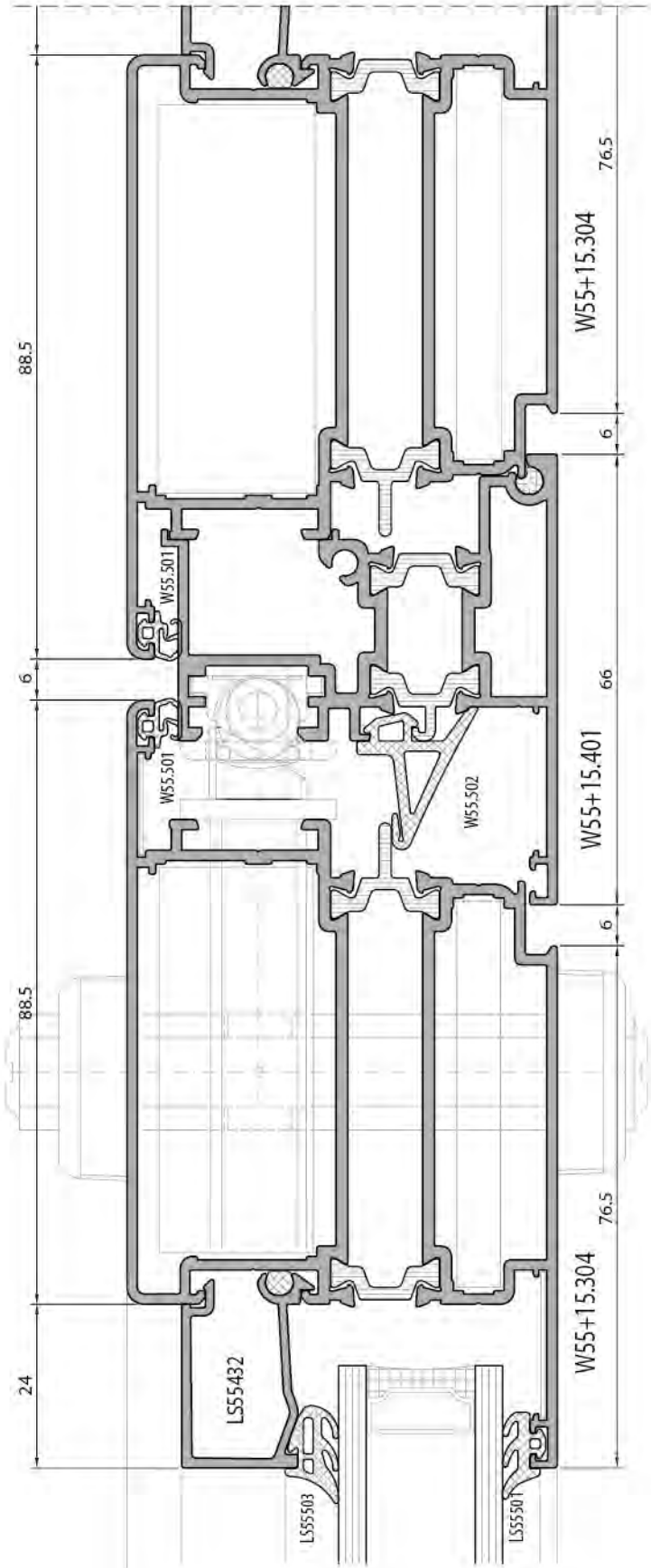




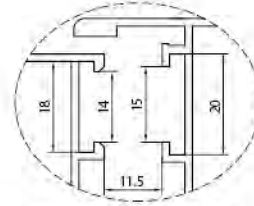
içe açılır kapı
inward opening door



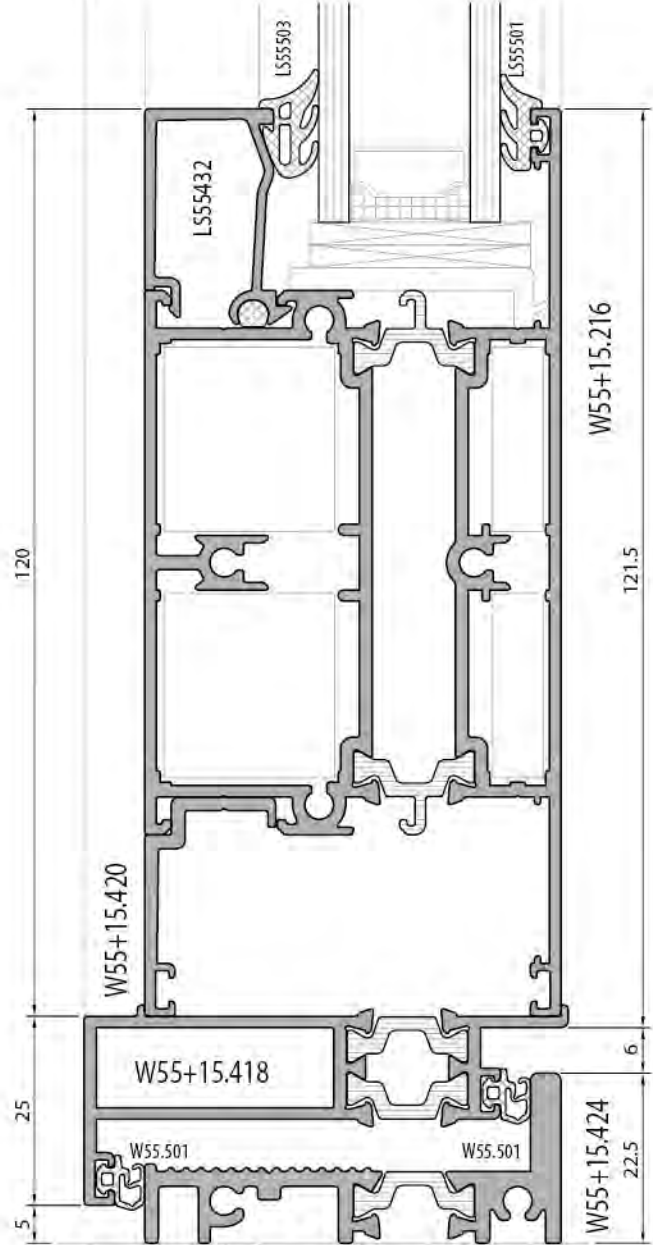
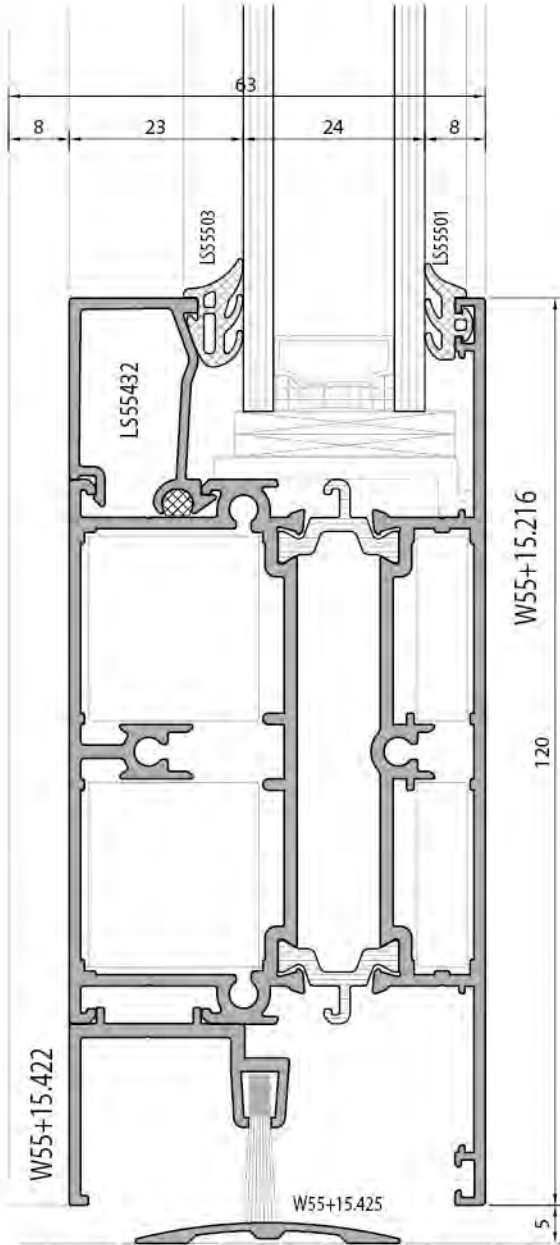
euro groove section 1

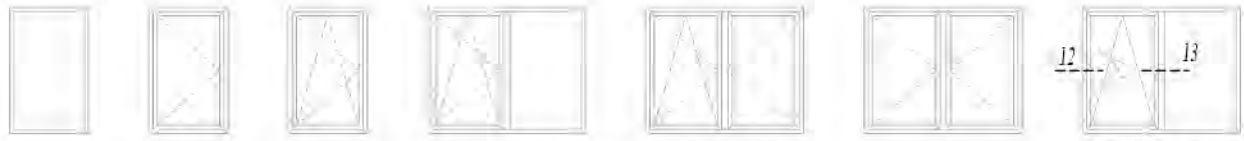


içe açılır kapı
inward opening door

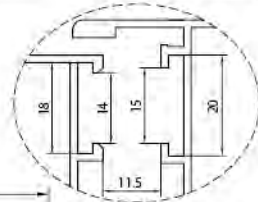


euro groove section 1

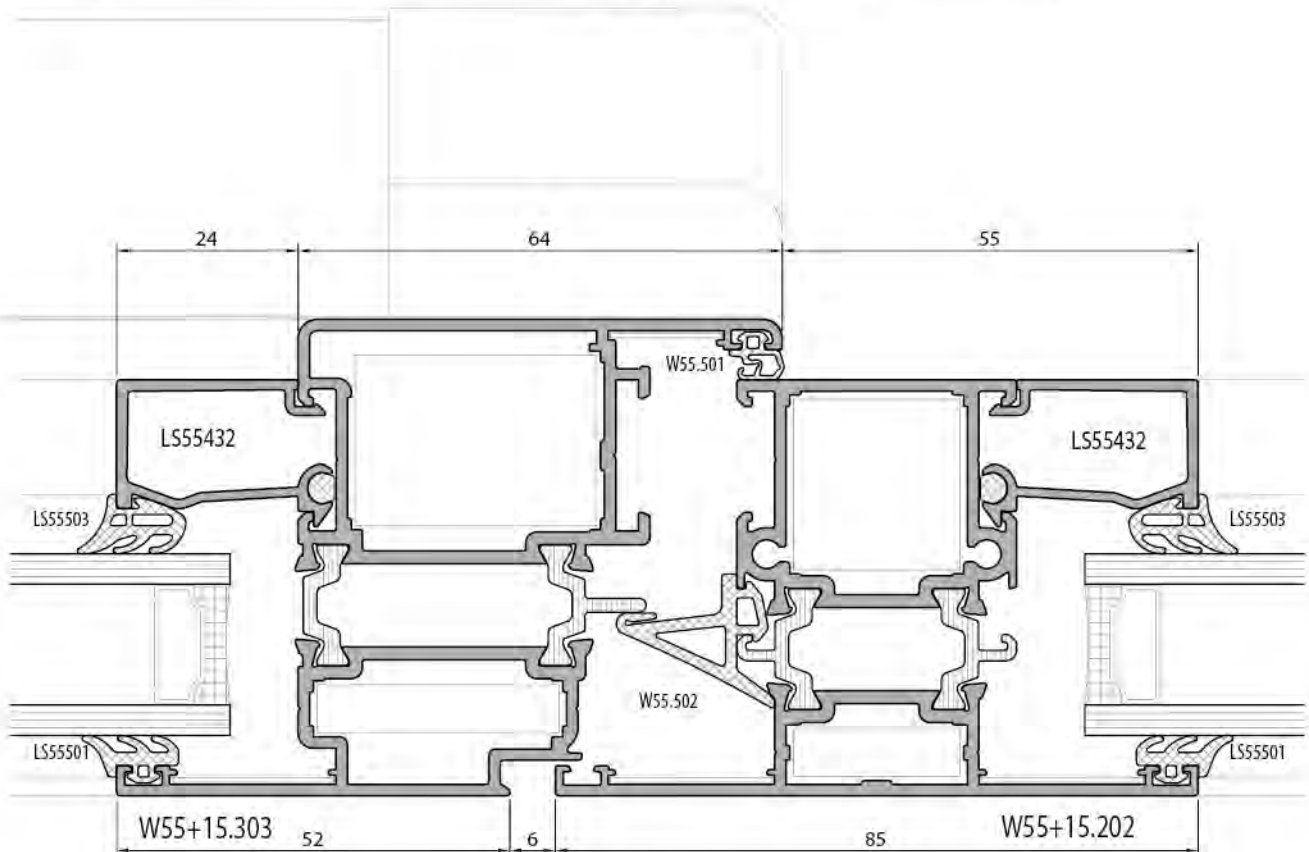
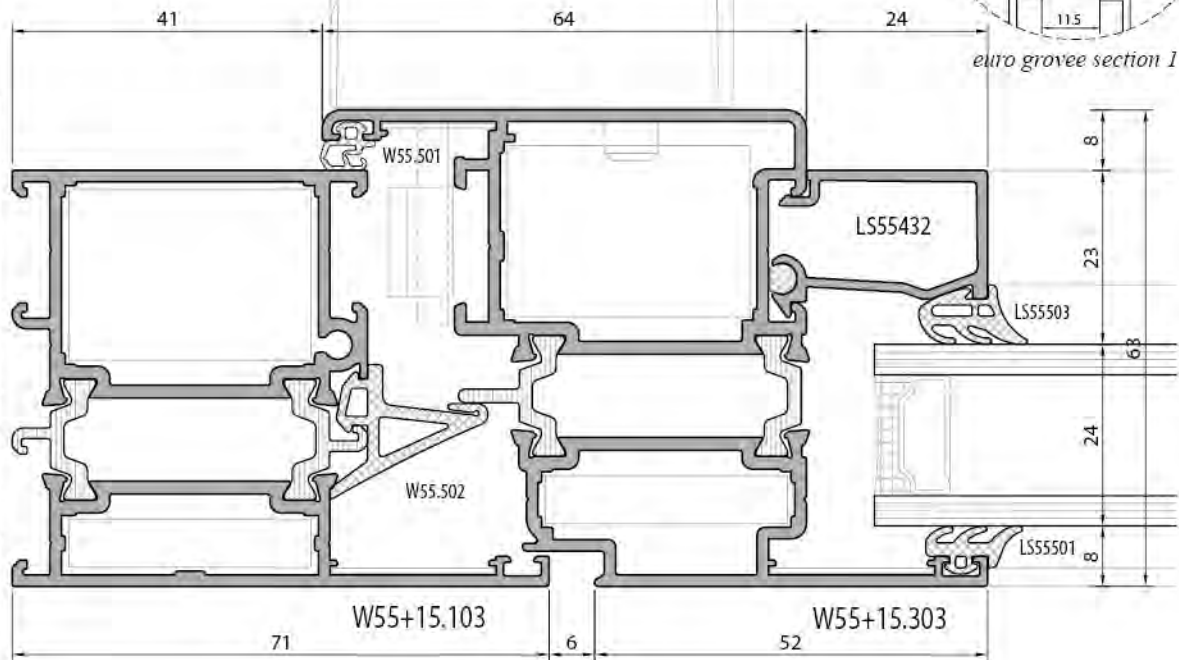


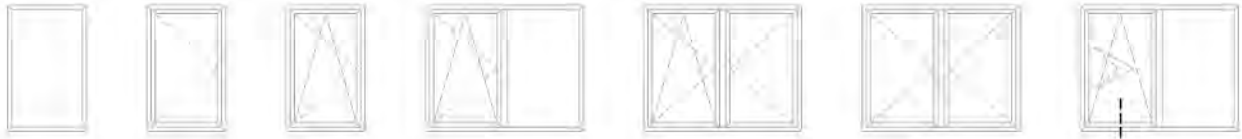


içe açılır pencere
inward opening window

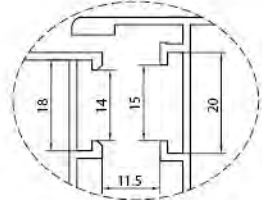


euro grove section 1

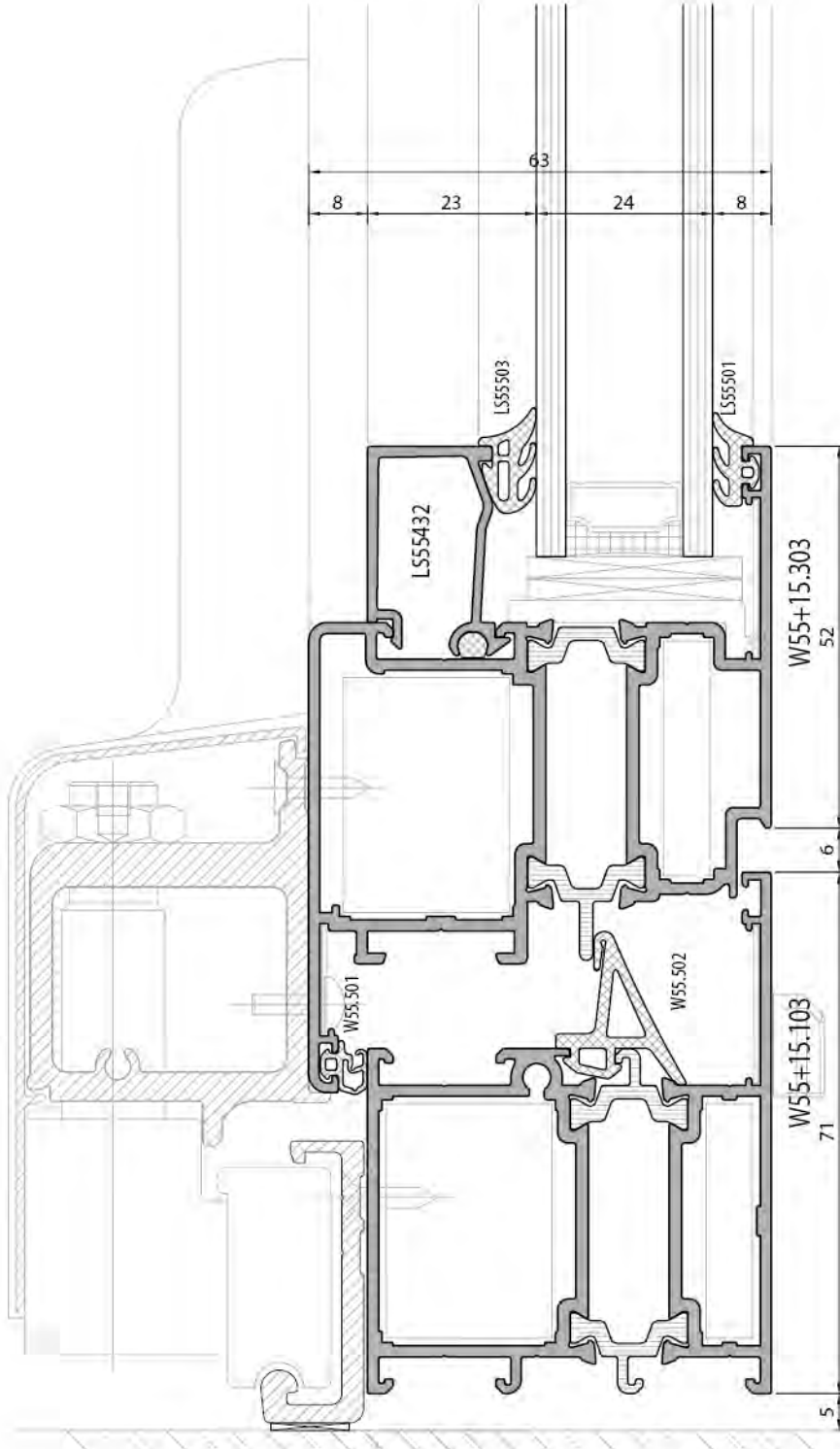


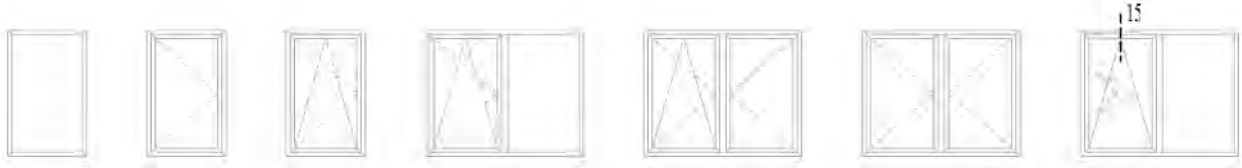


içe açılır pencere
inward opening window

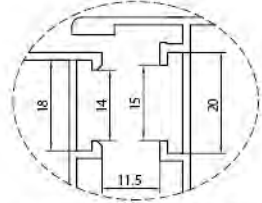


euro groove section 1

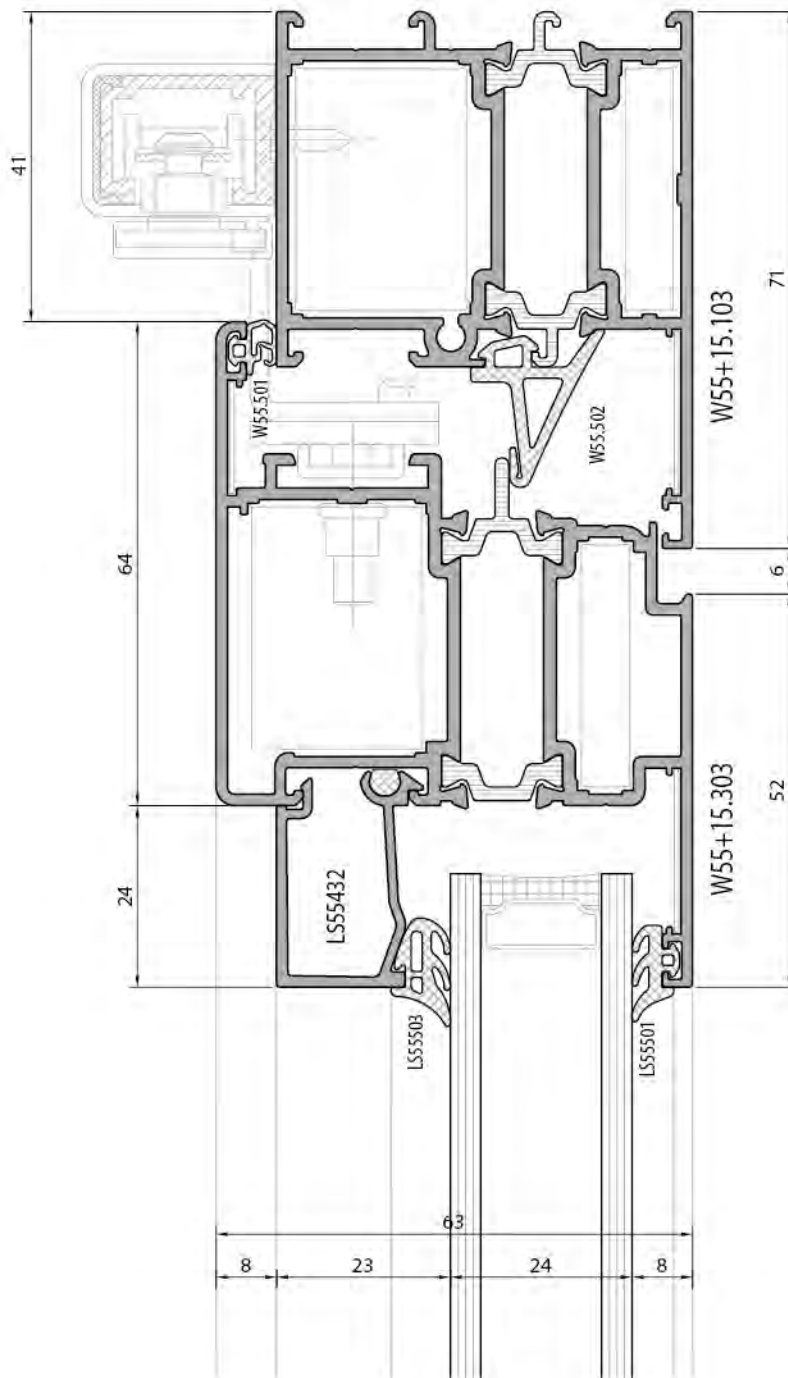


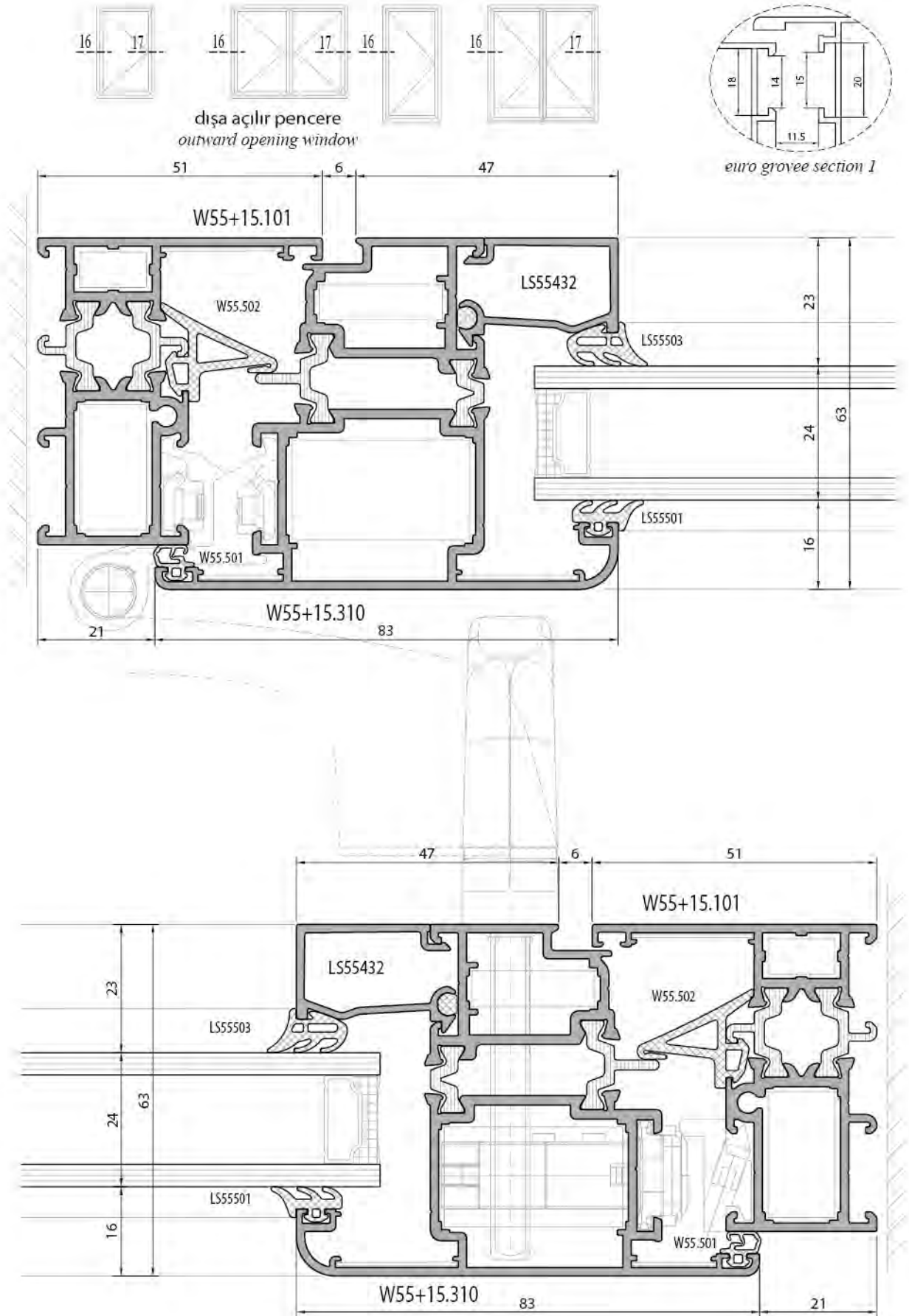


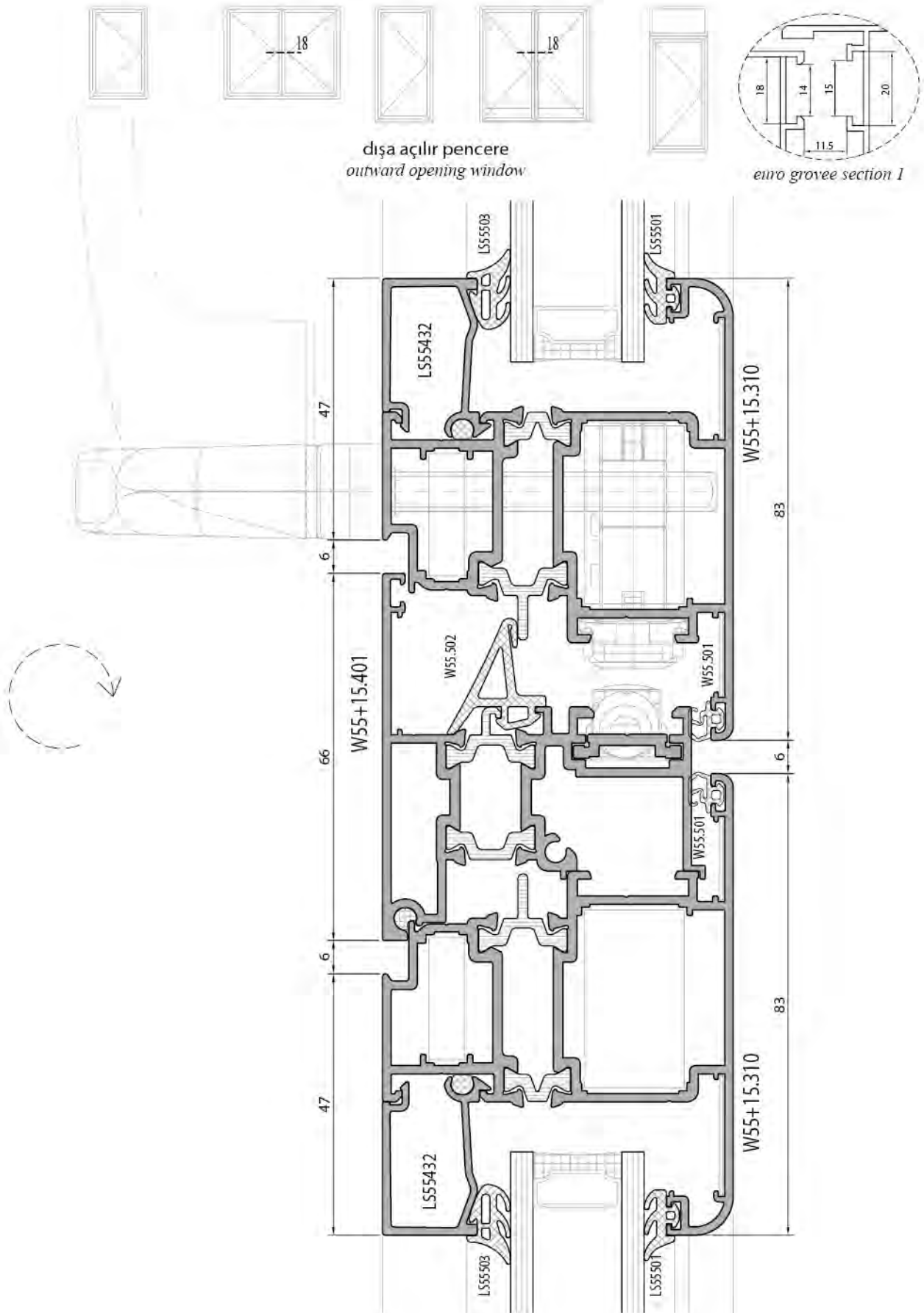
içe açılır pencere
inward opening window

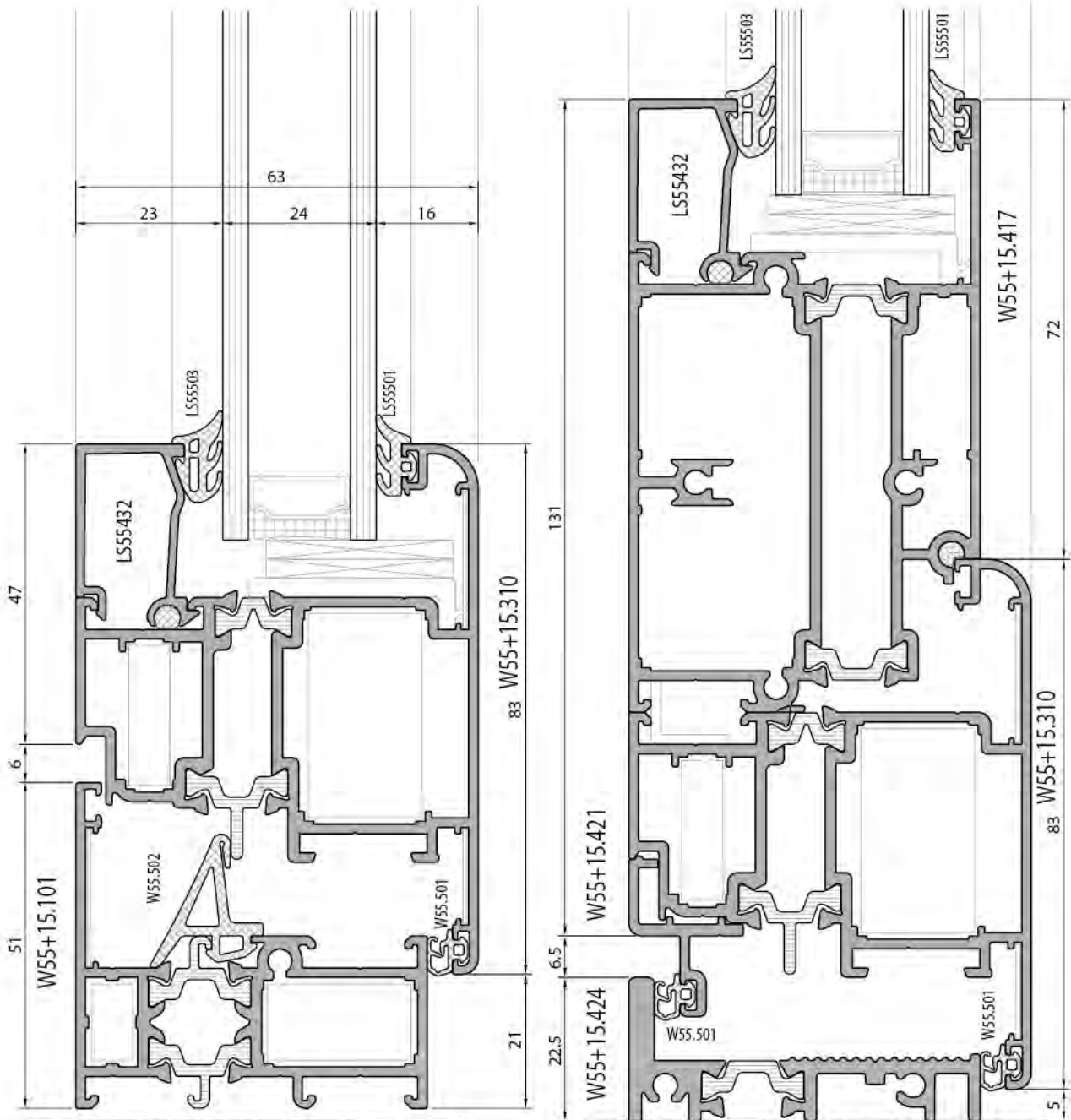


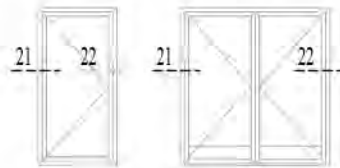
euro groove section 1



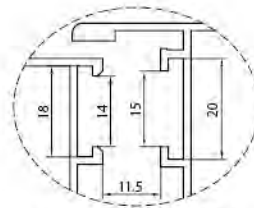




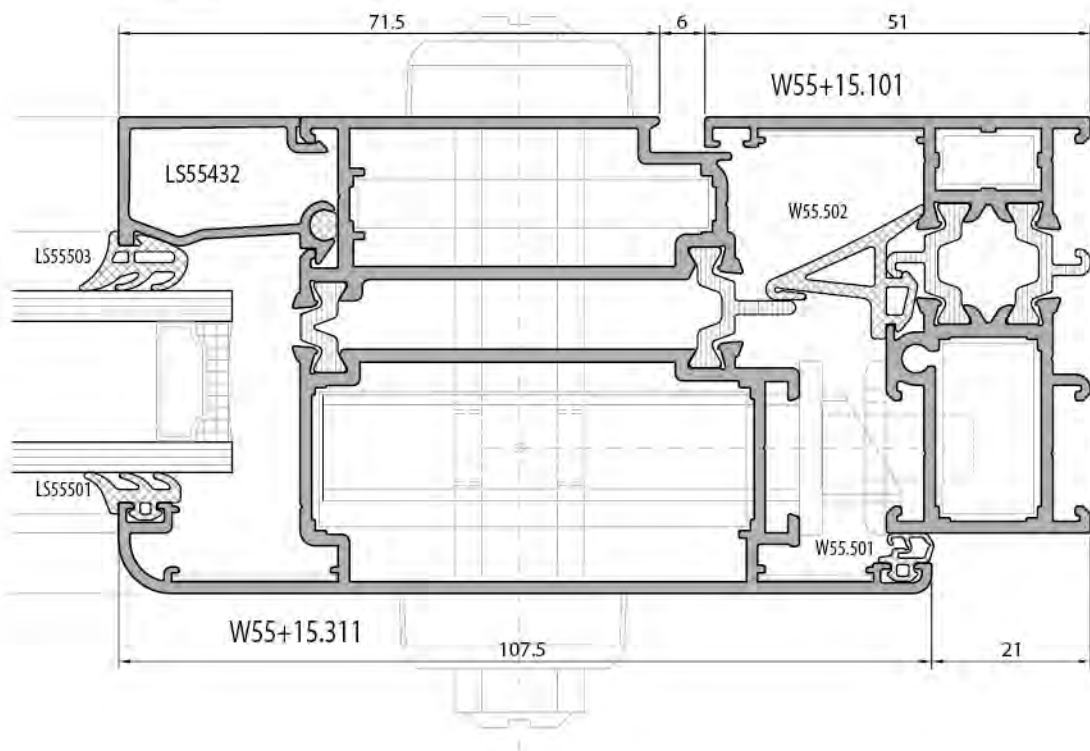
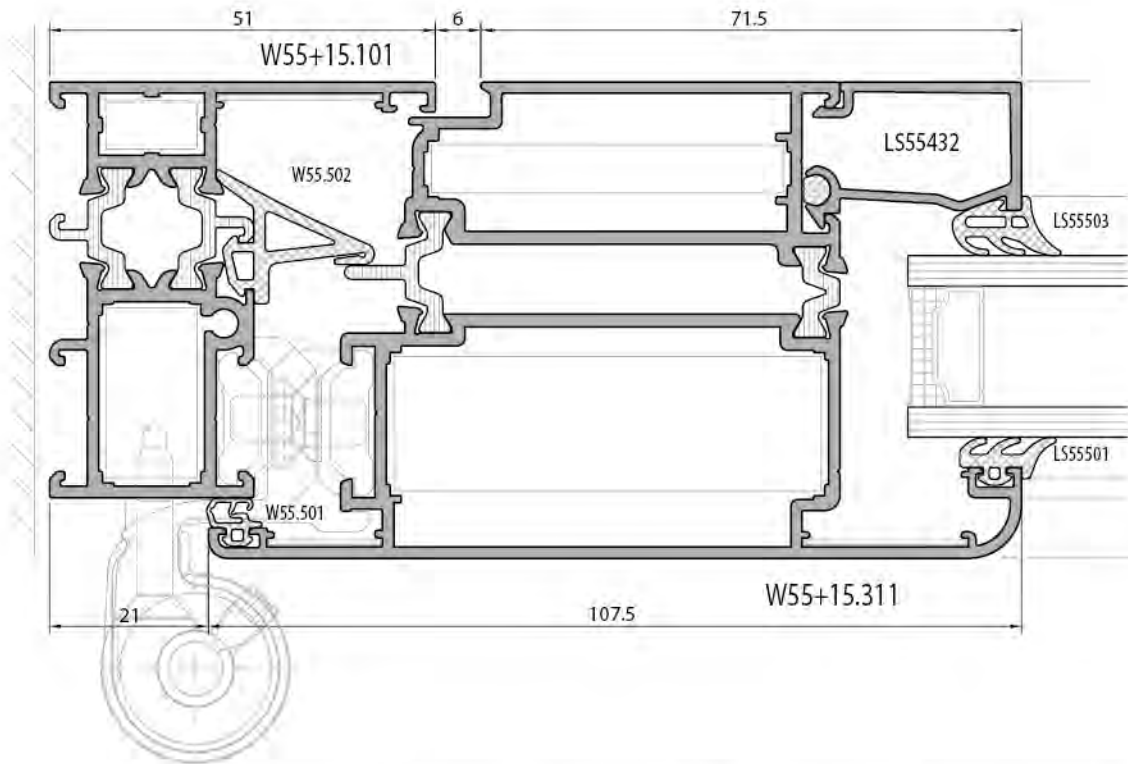




diş a açılır kapı
outward opening door

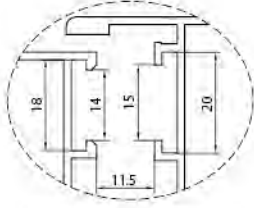


euro grovee section 1

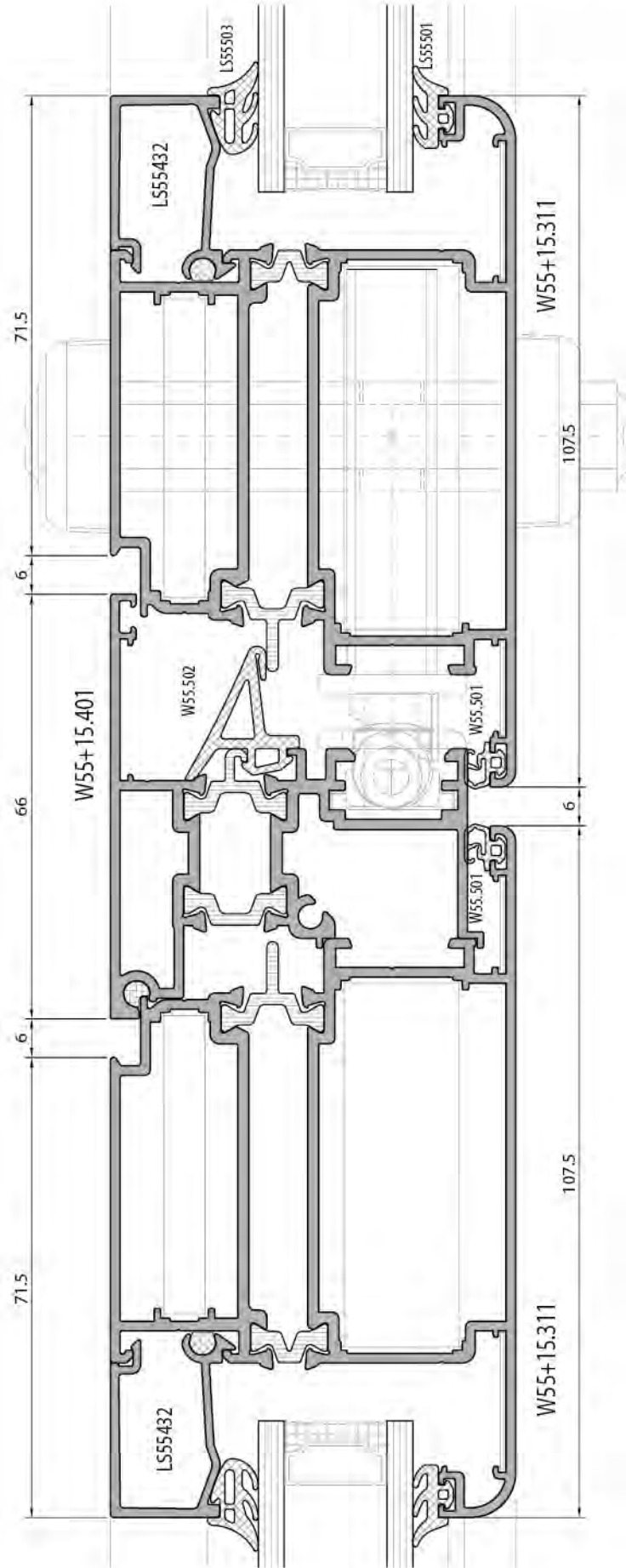




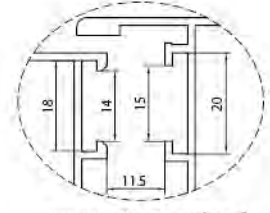
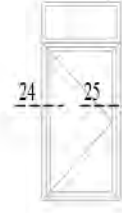
dışa açılır kapı
outward opening door



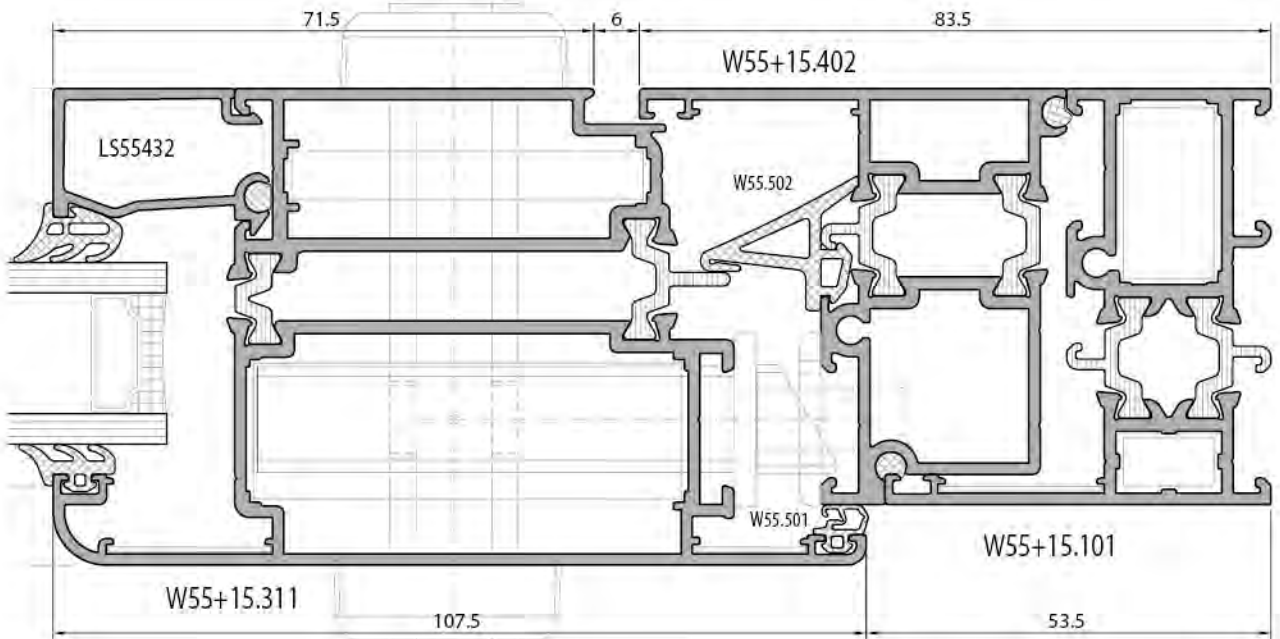
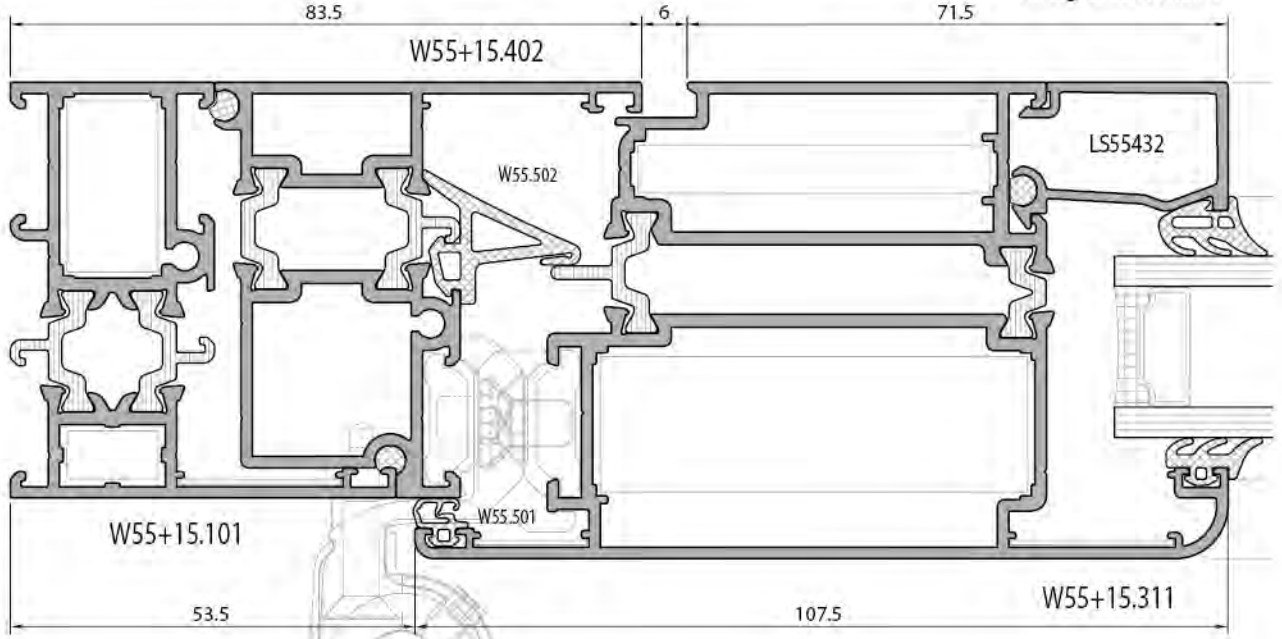
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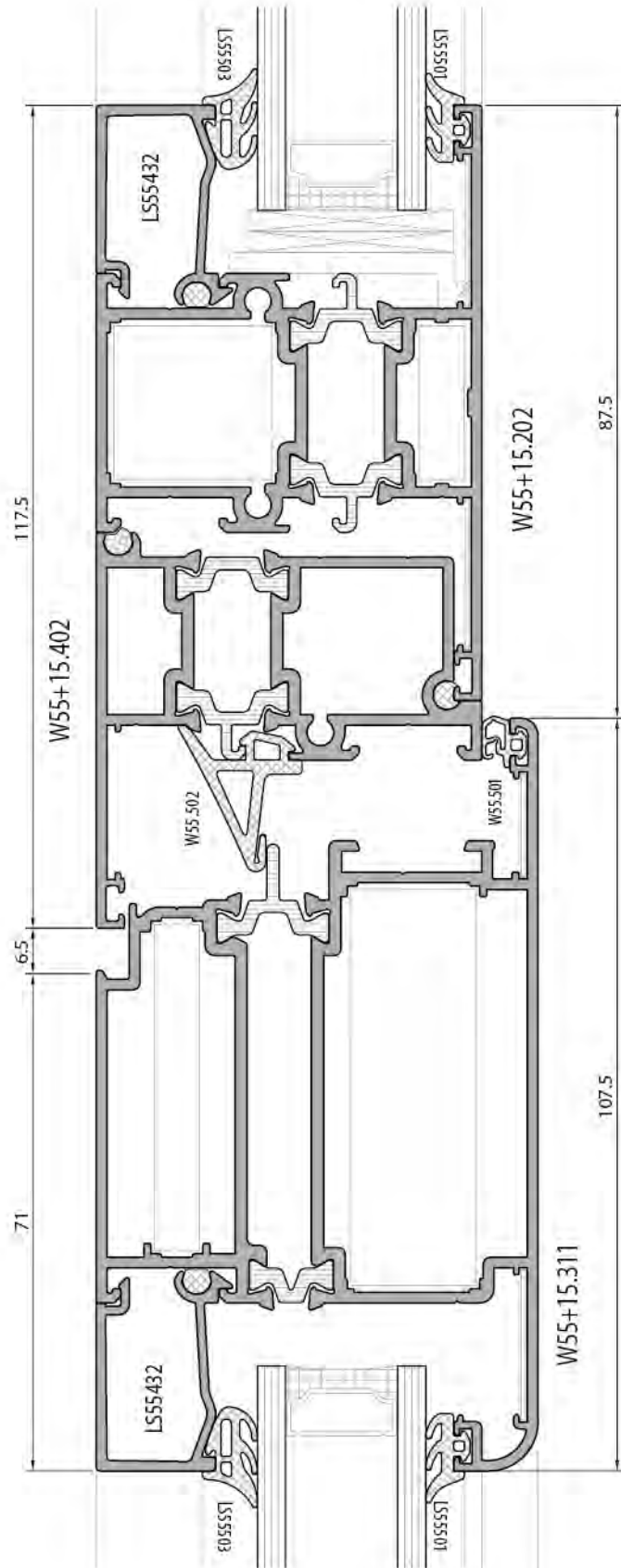
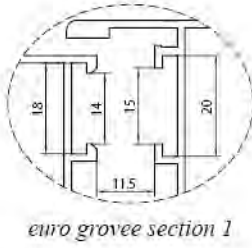


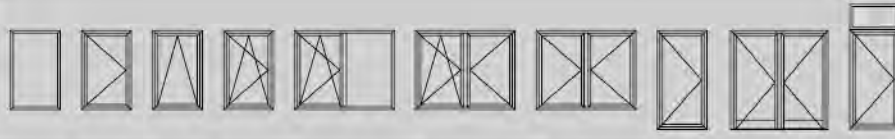
dışa açılır kapı
outward opening door



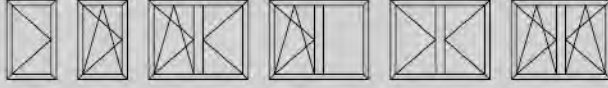
euro groove section 1



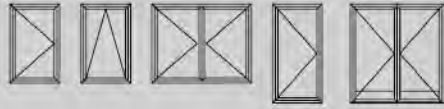




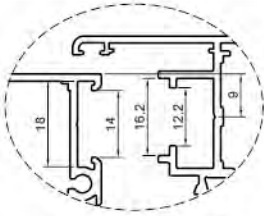
içe açılır pencere
inward opening window



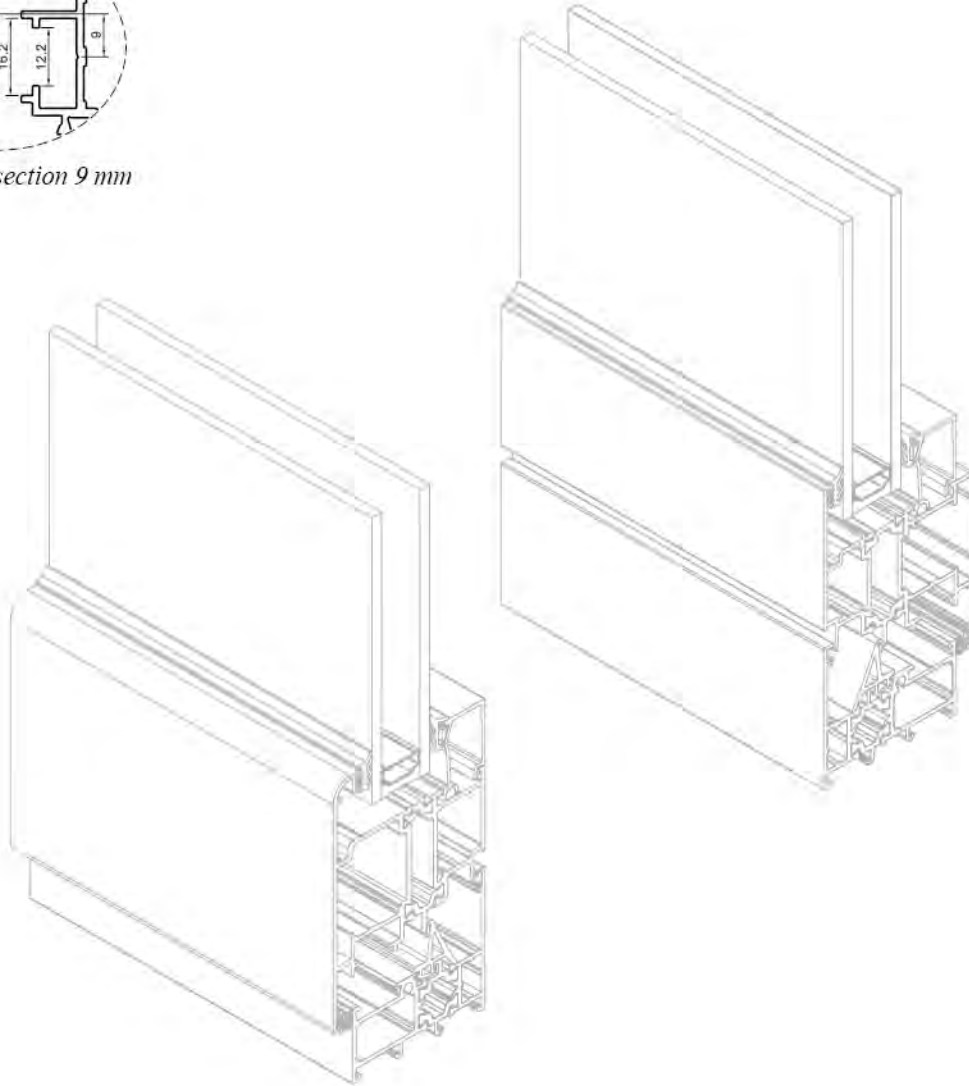
içe açılır gizli kanat pencere
inward opening hidden sash window



dışa açılır pencere
outward opening window

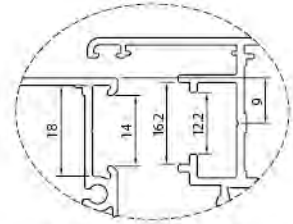


pvc groove section 9 mm

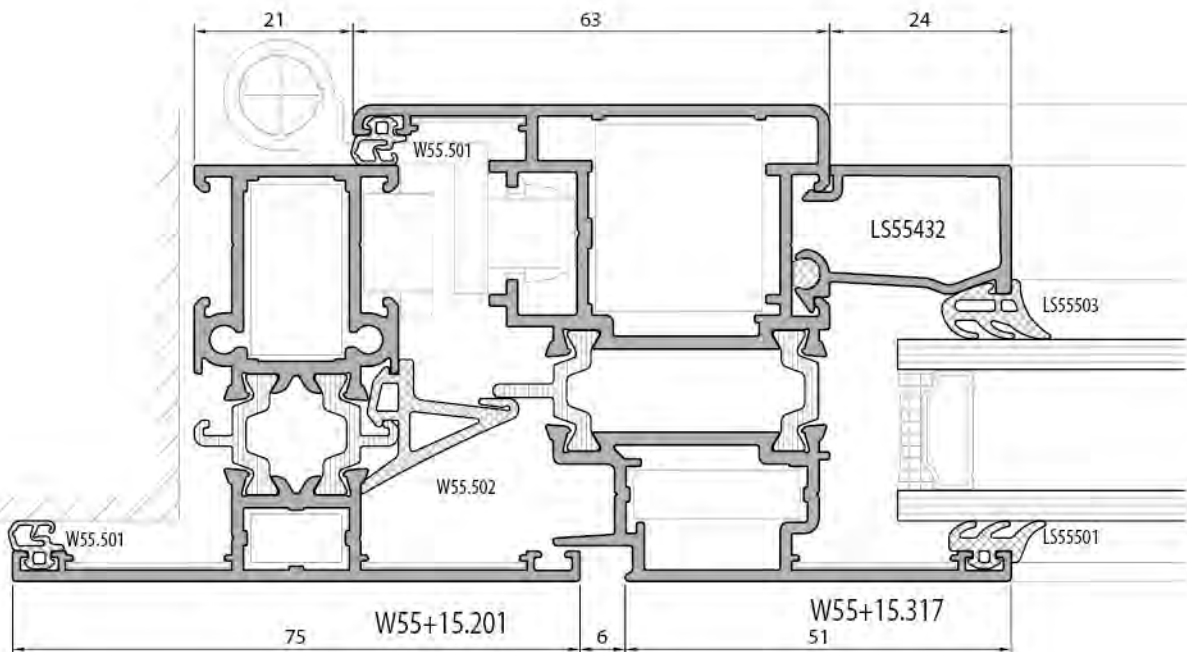
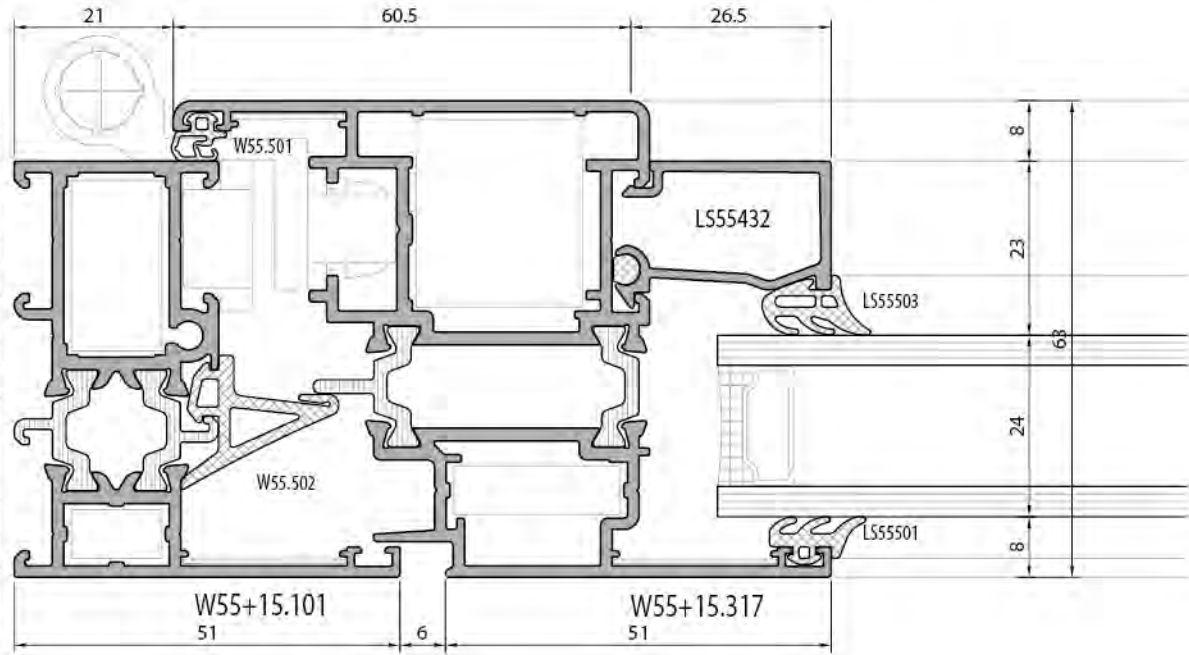


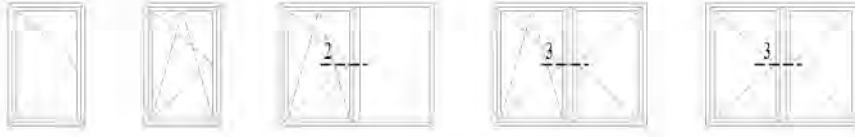


içe açılır pencere
inward opening window

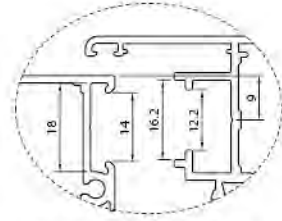


pvc groove section 9mm

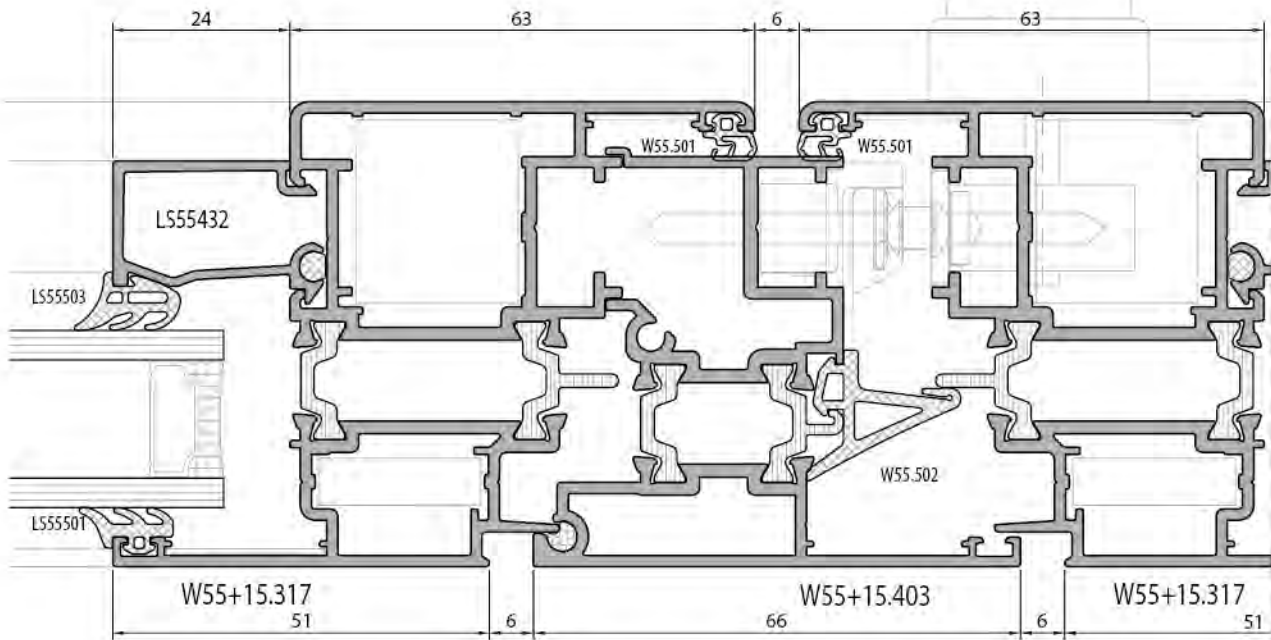
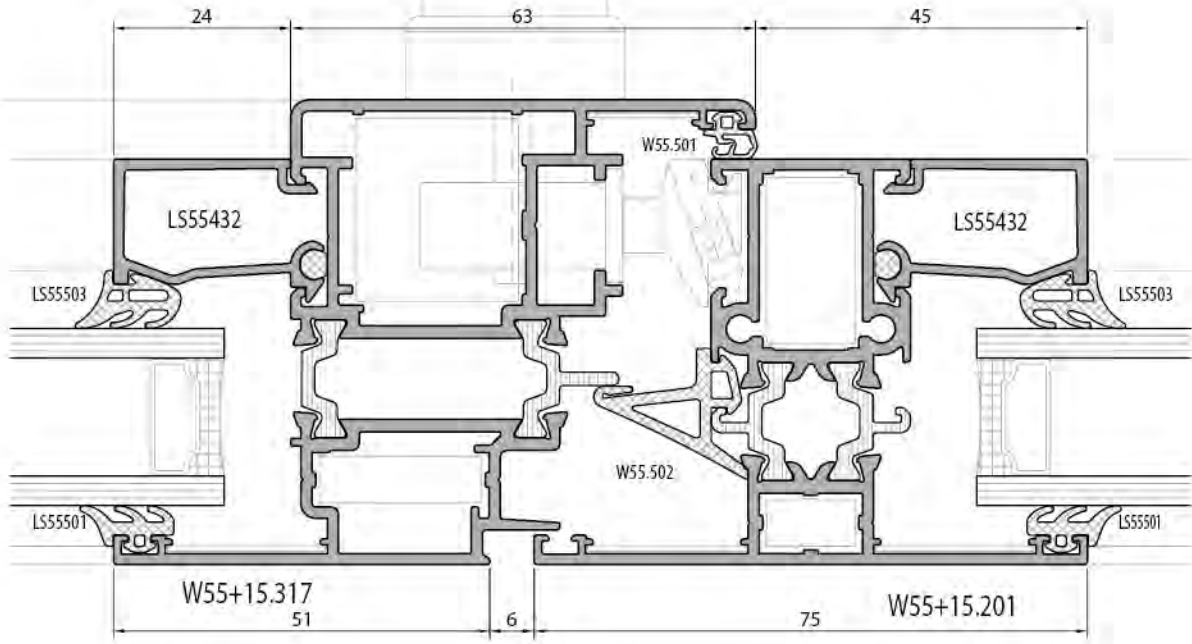


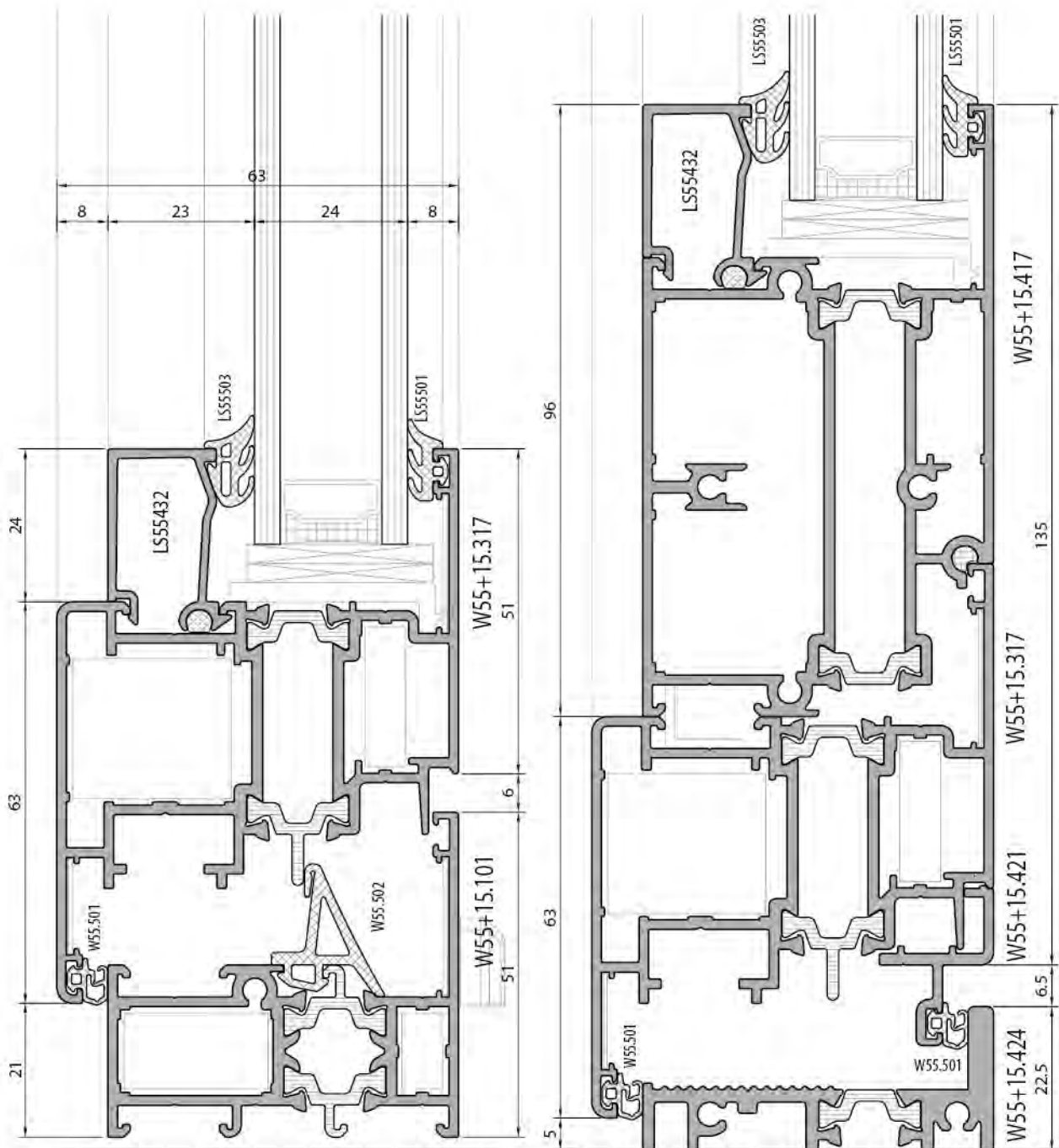
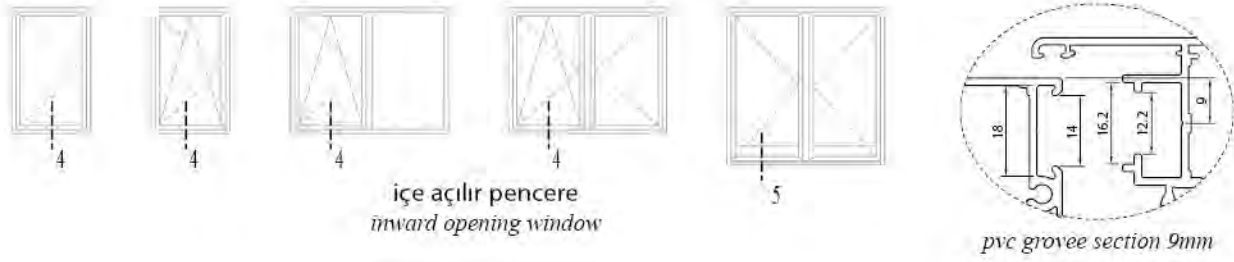


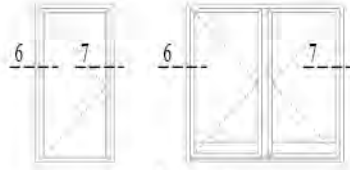
içe açılır pencere
inward opening window



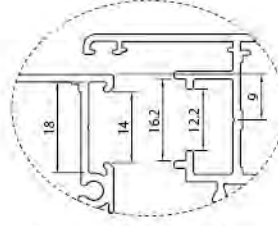
pvc groove section 9mm



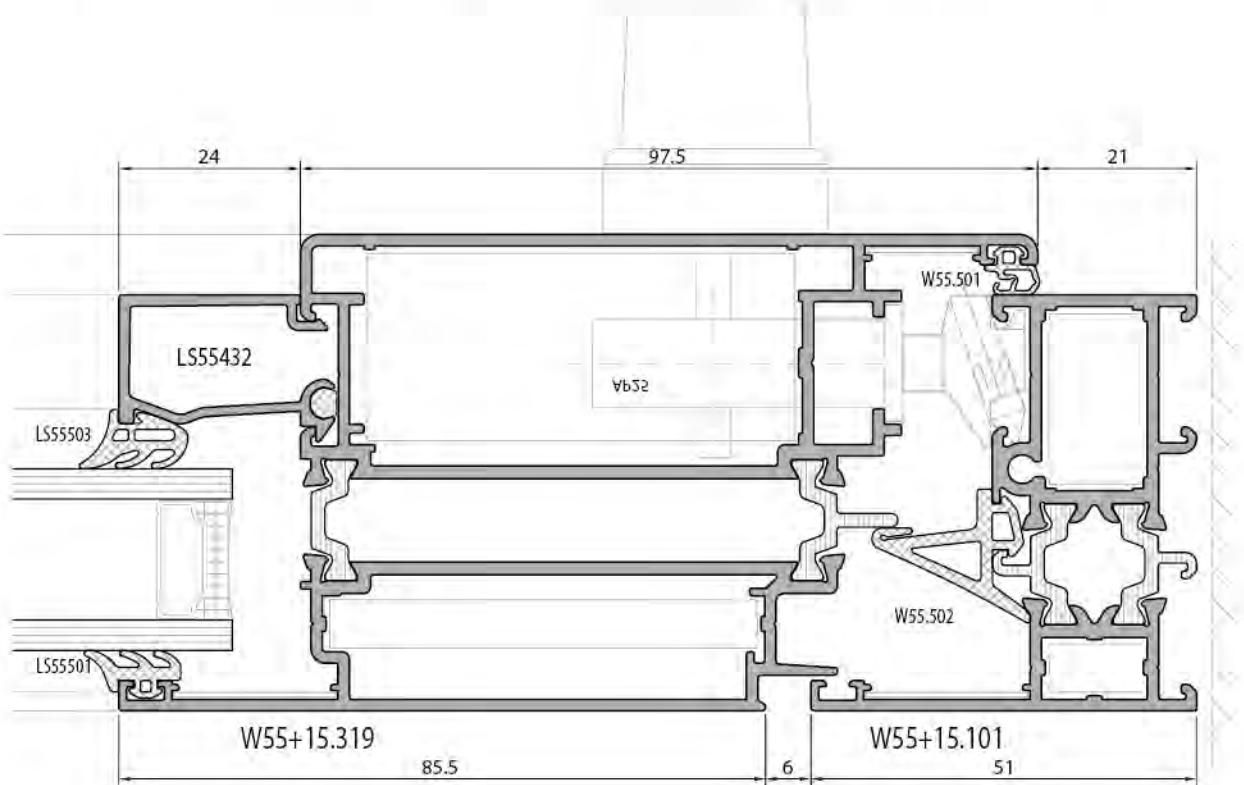
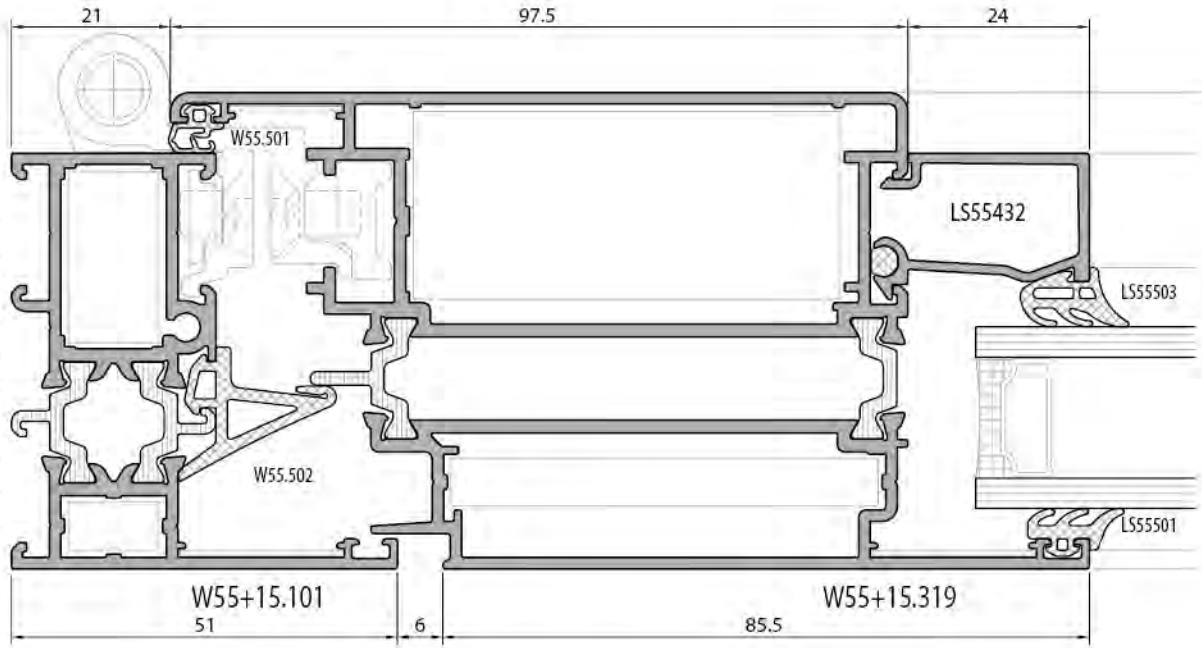


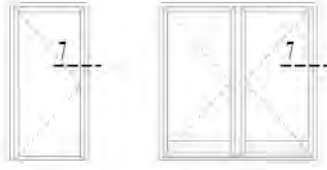


içe açılır kapı
inward opening door

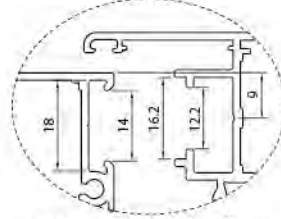


pvc groove section 9mm

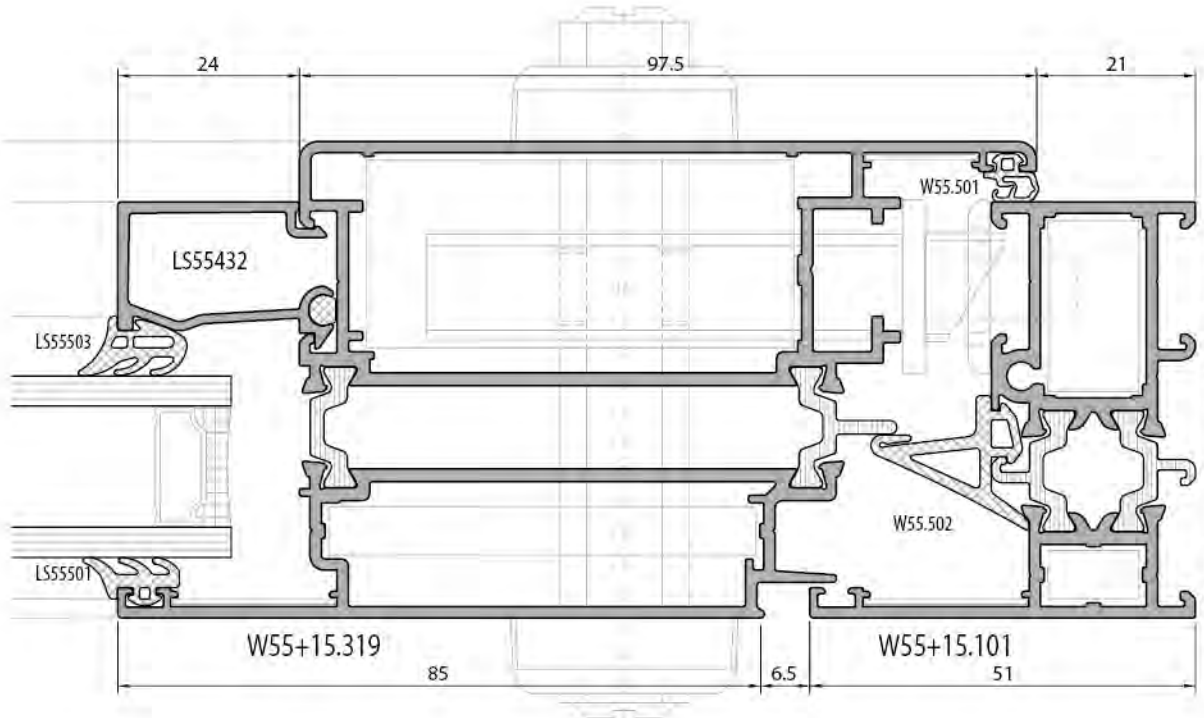




içe açılır kapı
inward opening door

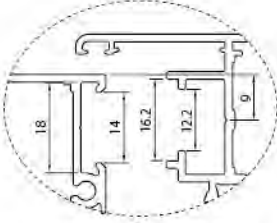


pvc groove section 9mm

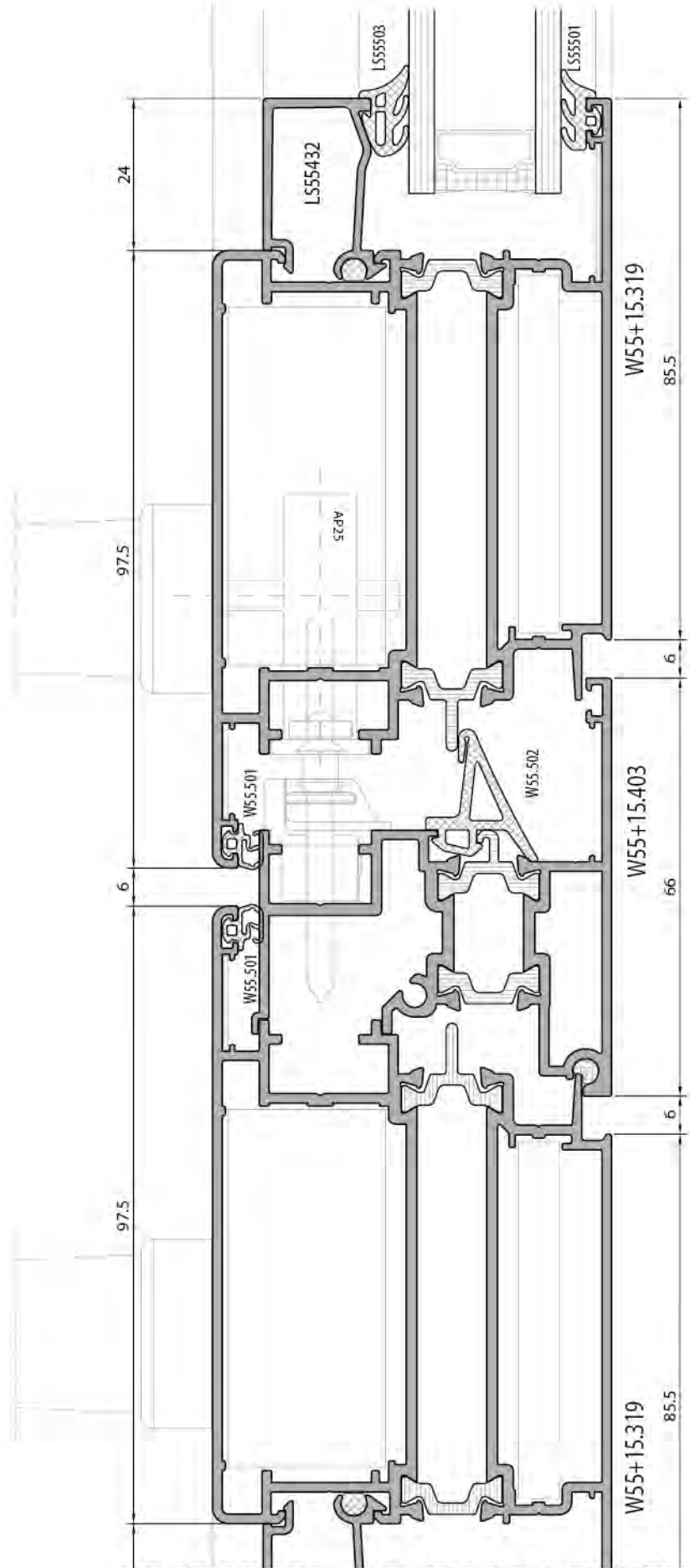


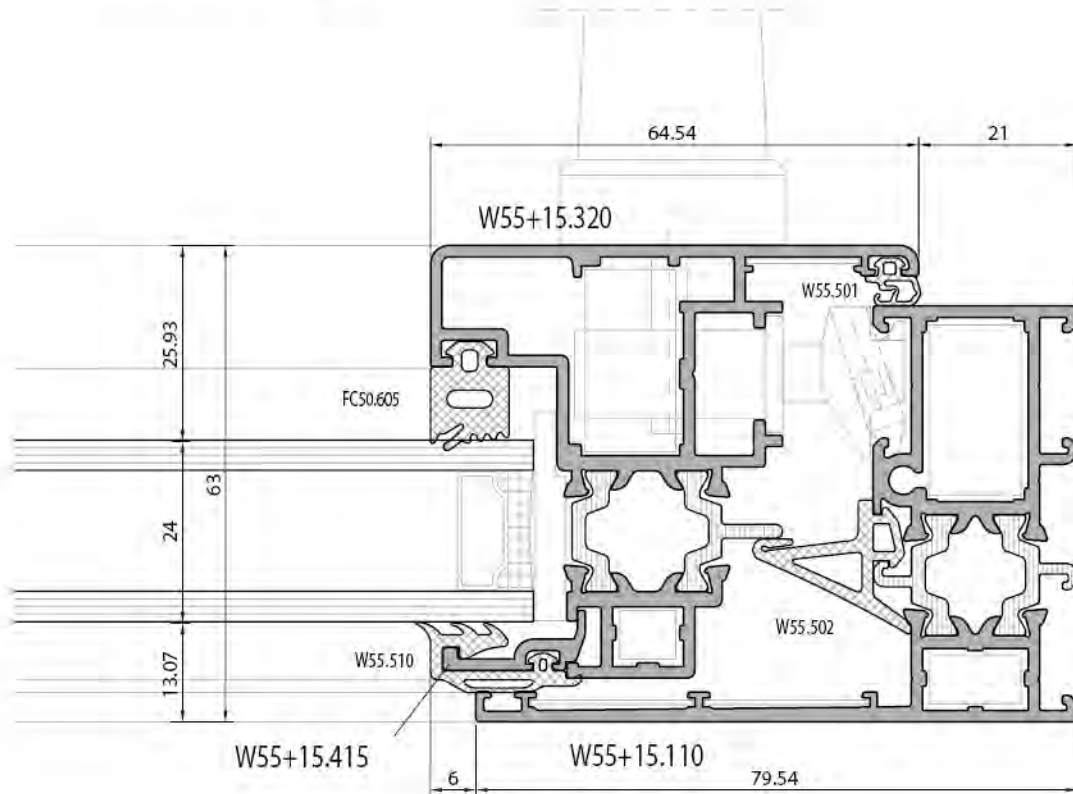
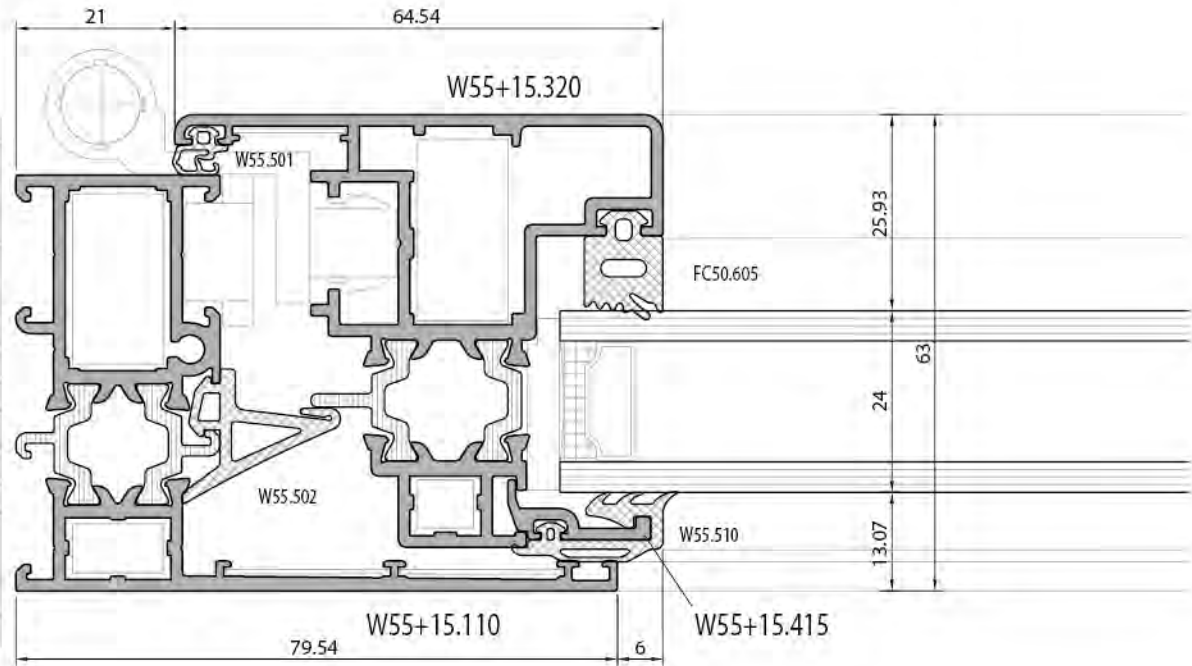


içe açılır kapı
inward opening door



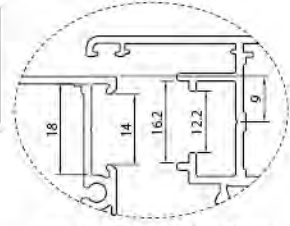
pvc groove section 9mm



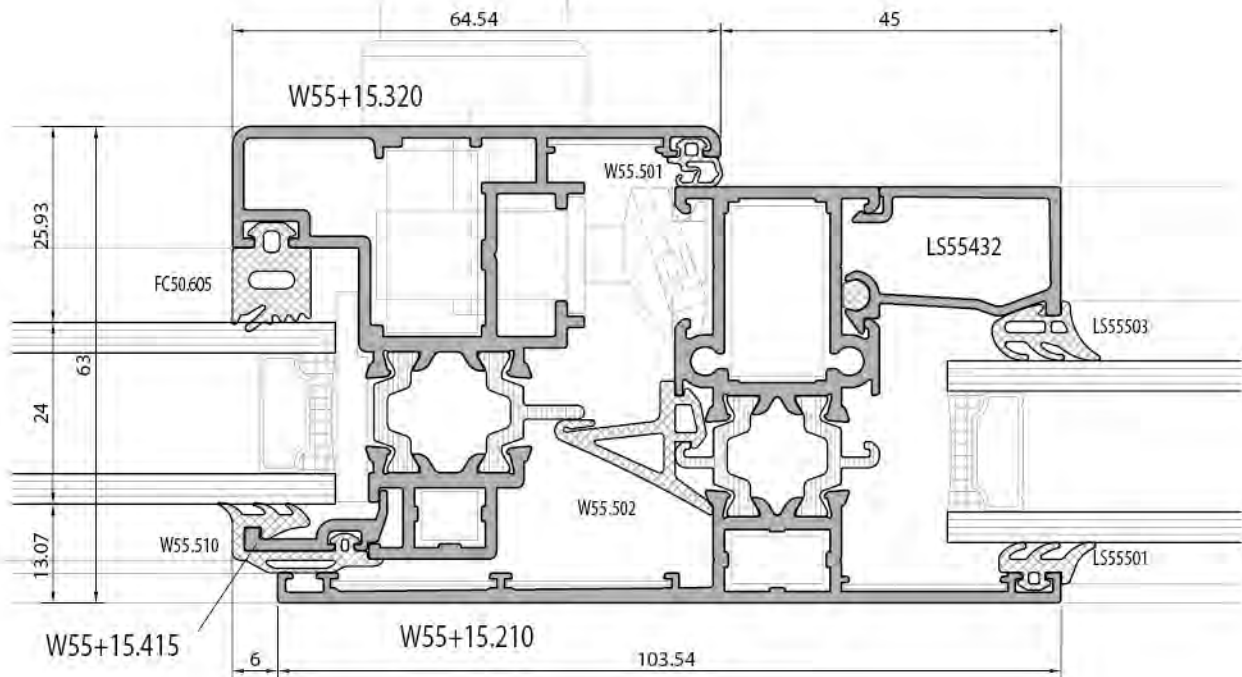
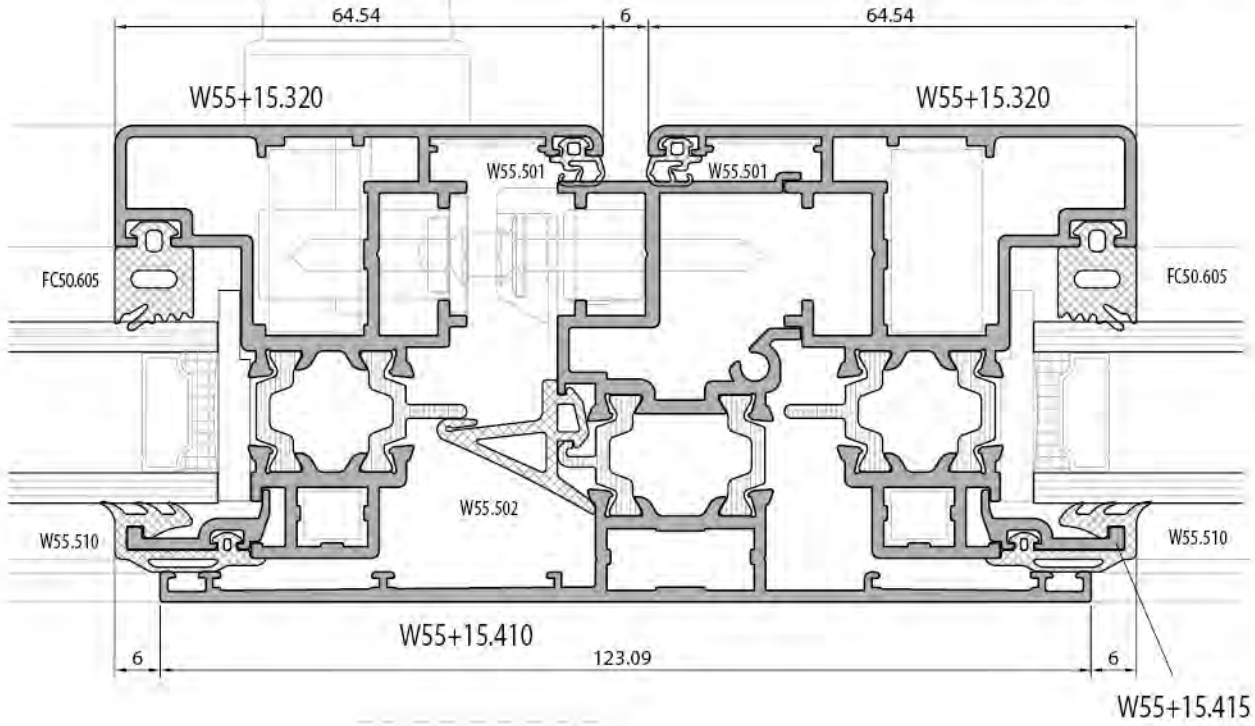


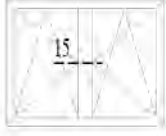


içe açılır gizli kanat pencere
inward opening hidden sash window

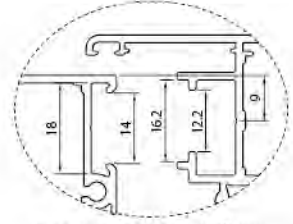


pvc groove section 9mm

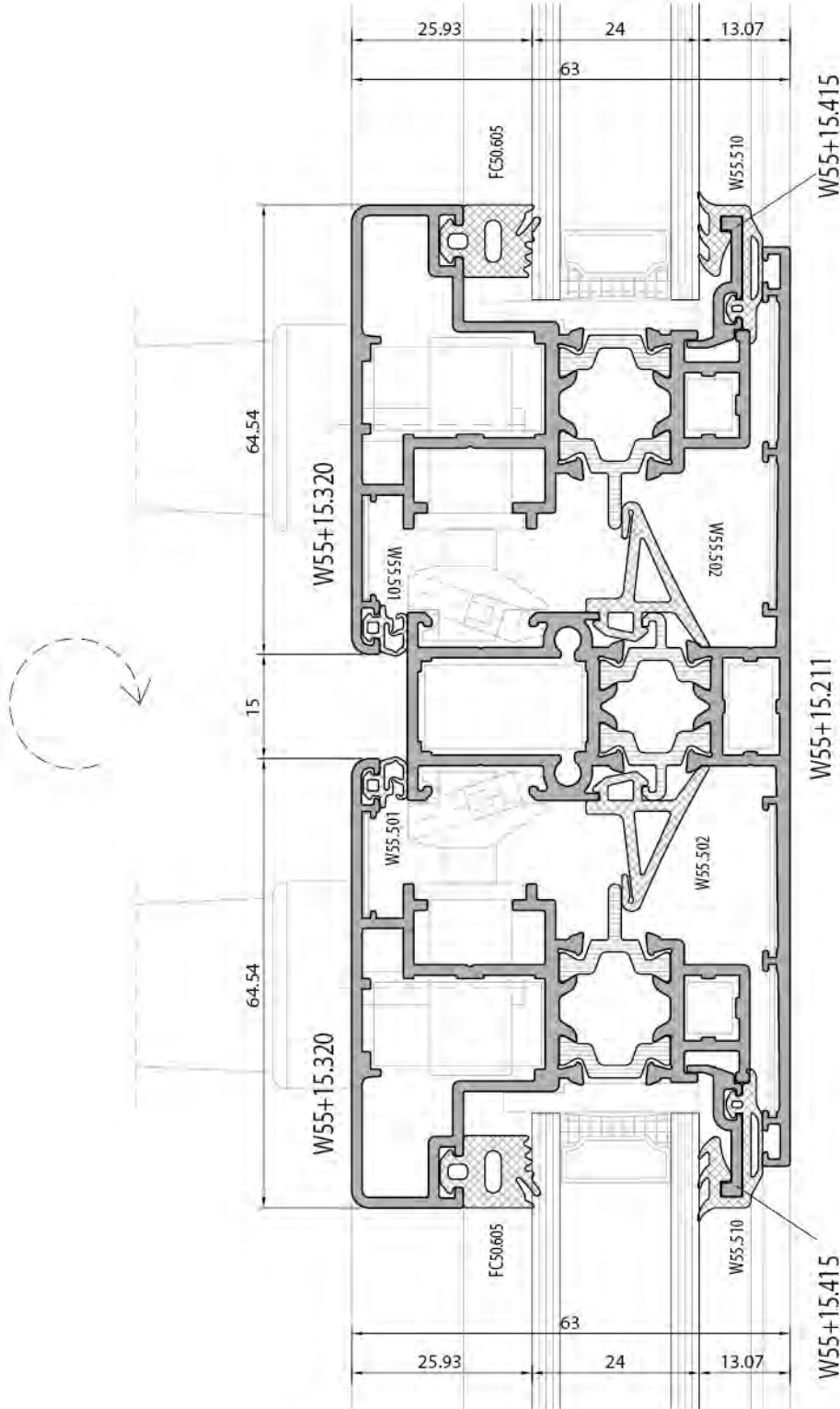


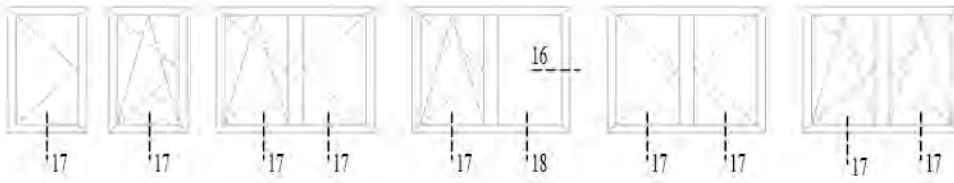


içe açılır gizli kanat pencere
inward opening hidden sash window

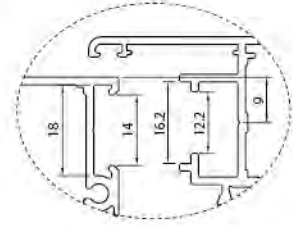


pvc groove section 9mm

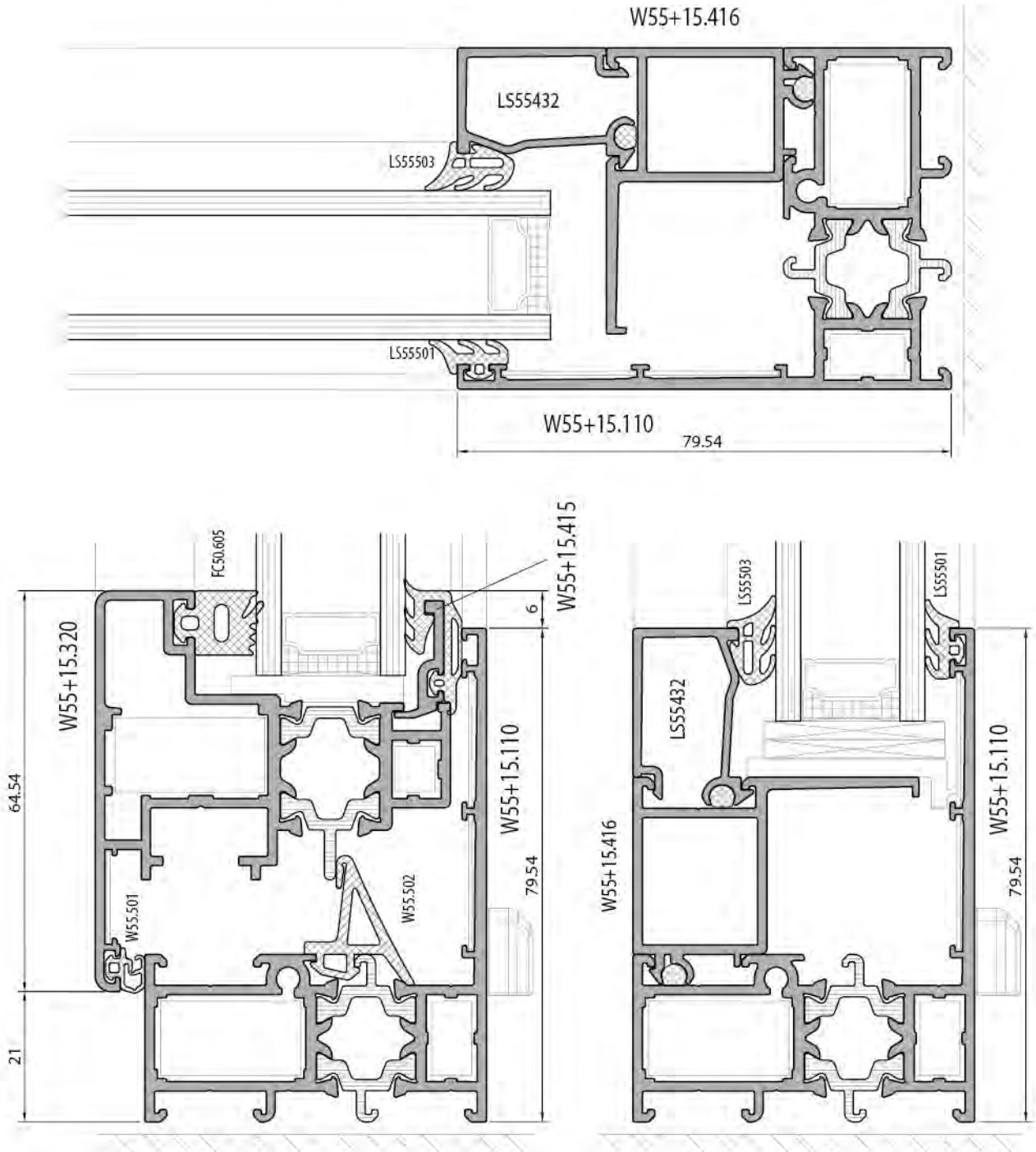


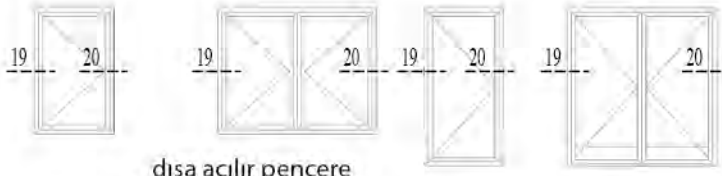


içe açılır gizli kanat pencere
inward opening hidden sash window

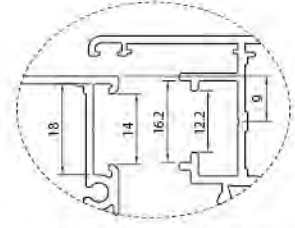


pvc groove section 9mm

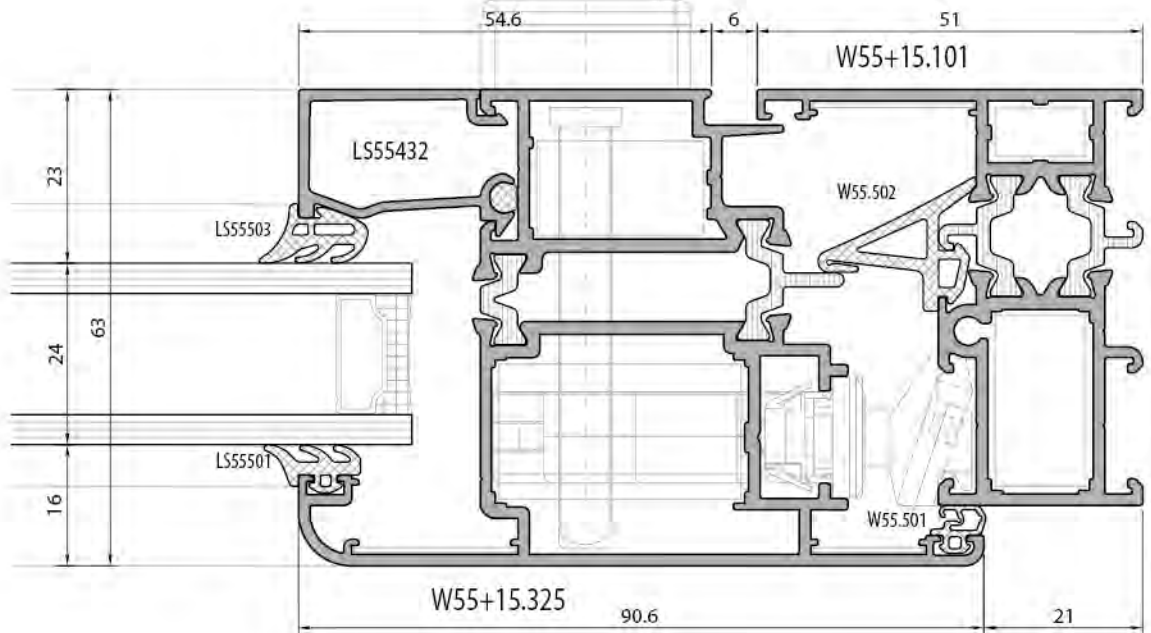
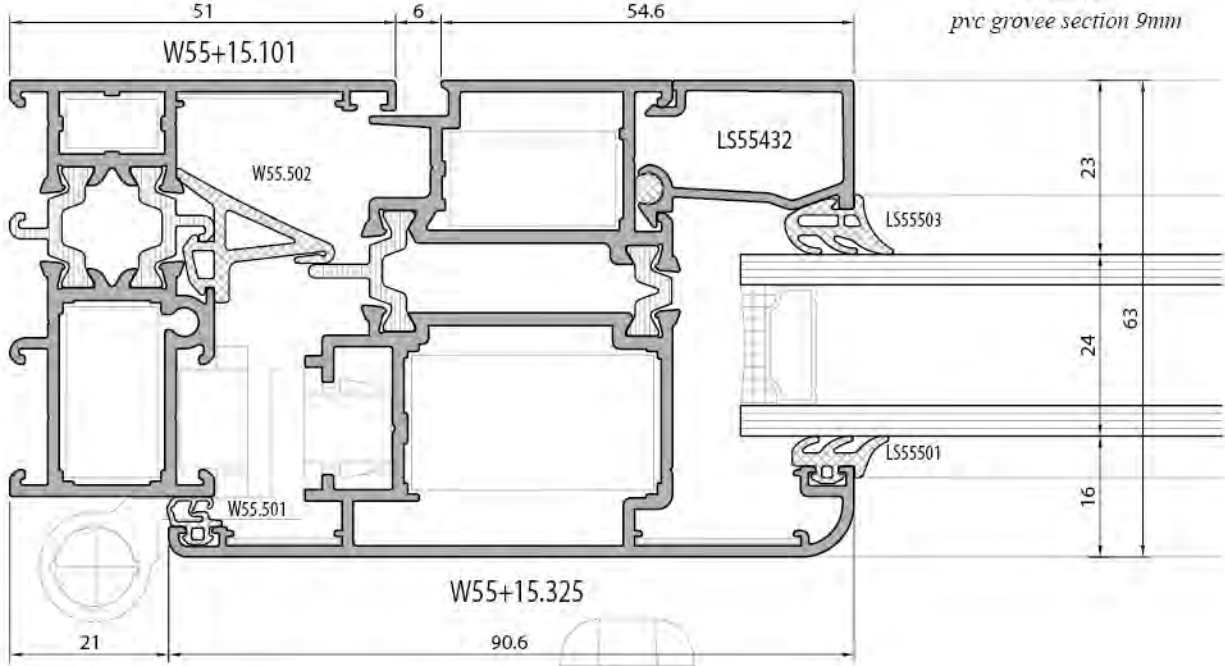




dışa açılır pencere
outward opening window

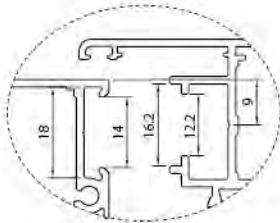


pvc groove section 9mm

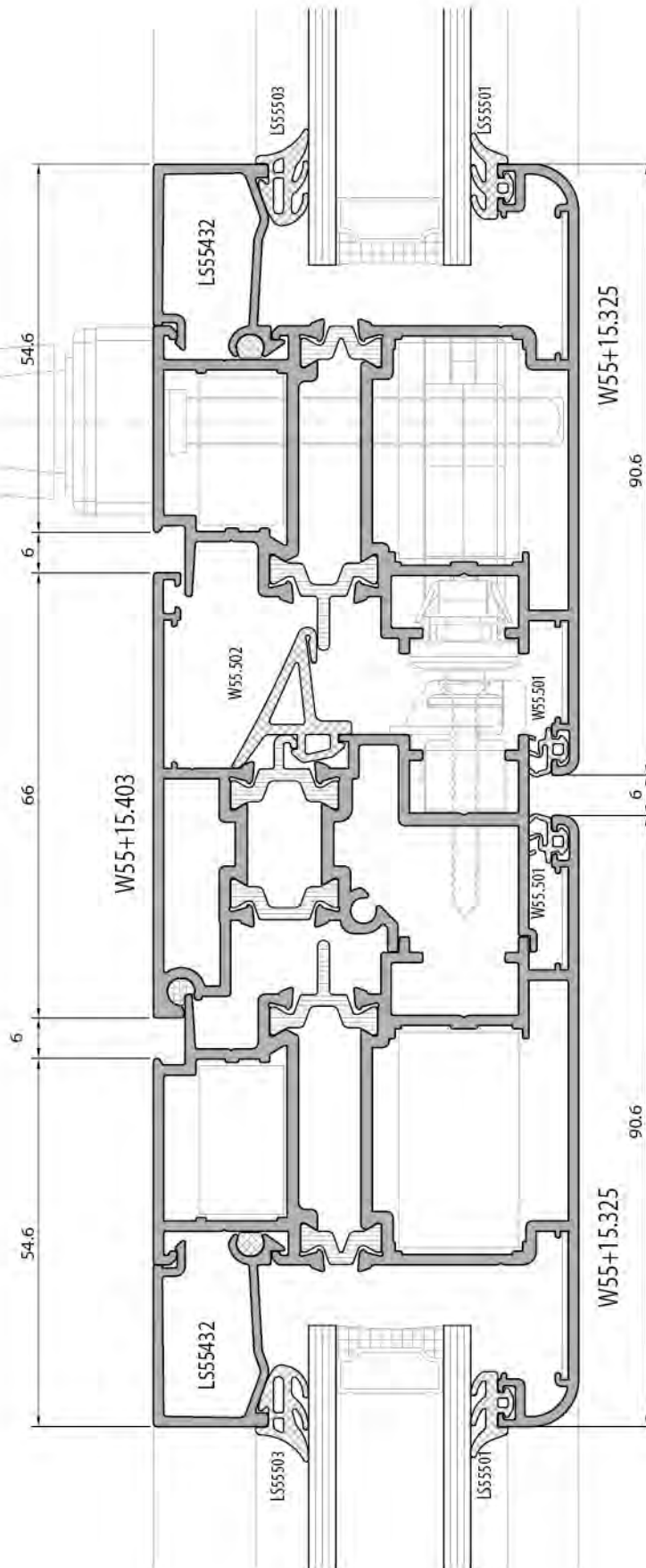


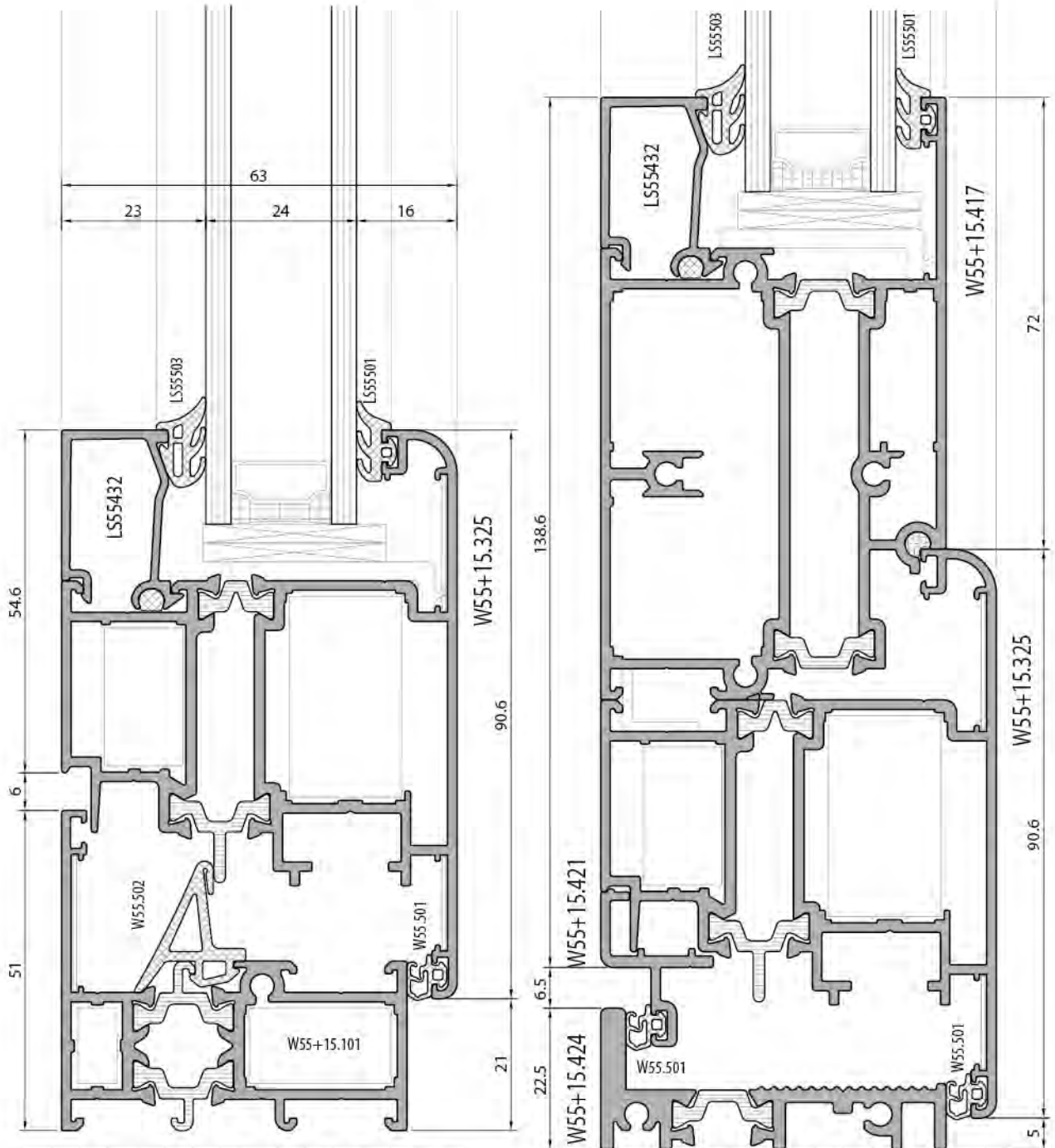
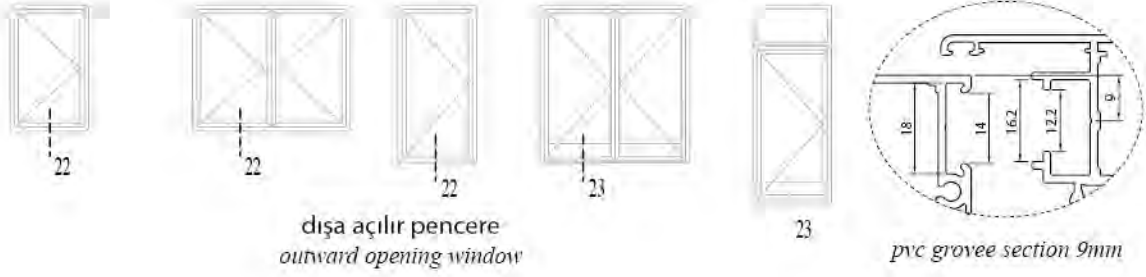


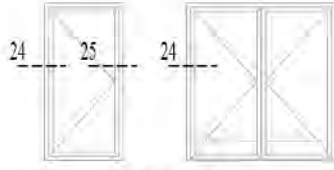
dışa açılır pencere
outward opening window



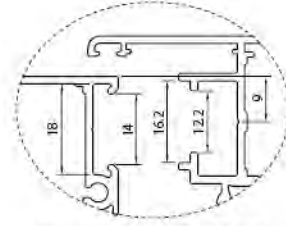
pvc grovee section 9mm



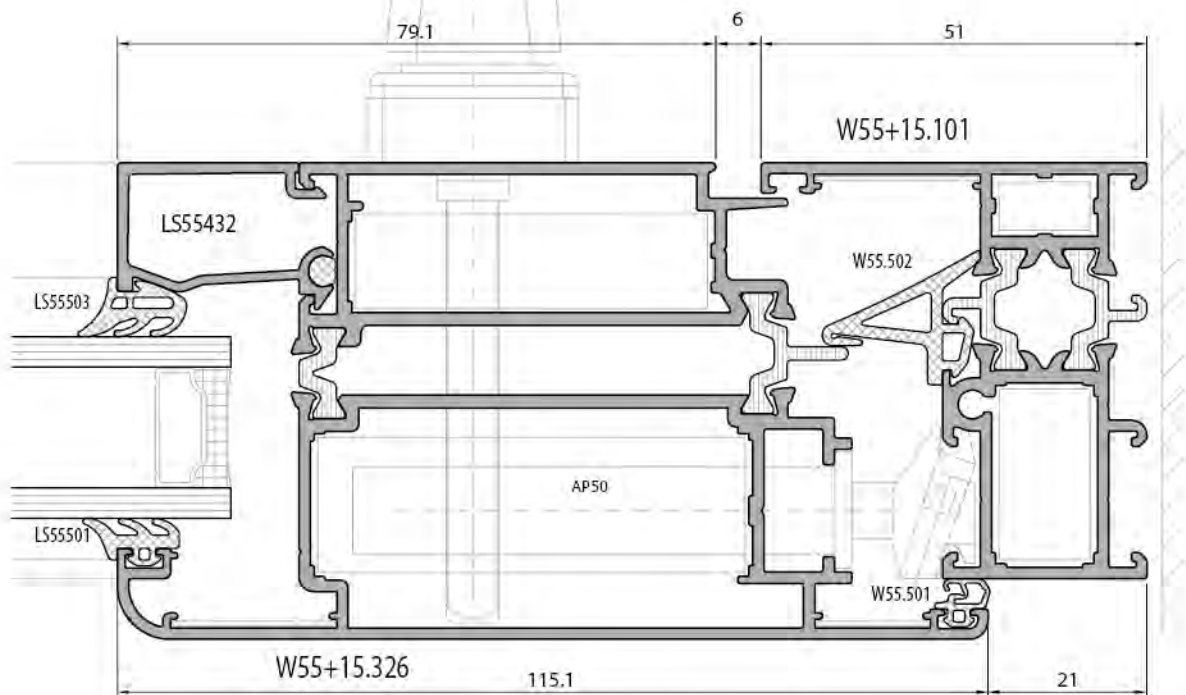
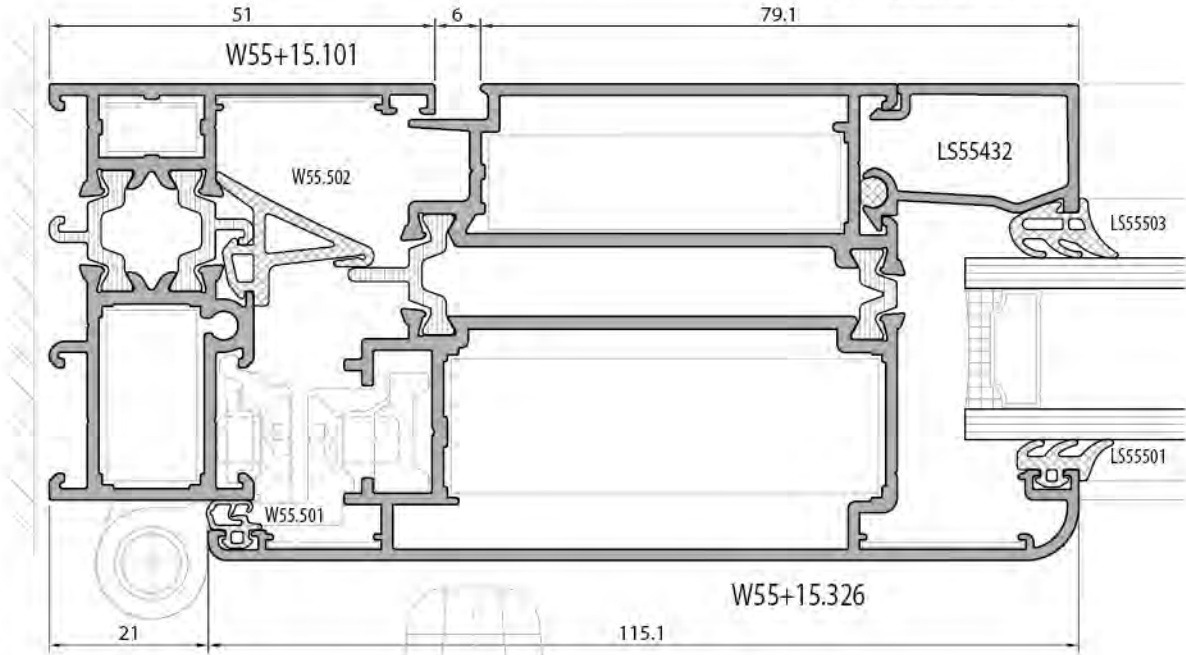




dışa açılır kapı
outward opening door

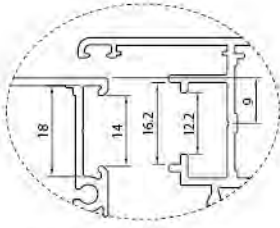


pvc groove section 9mm

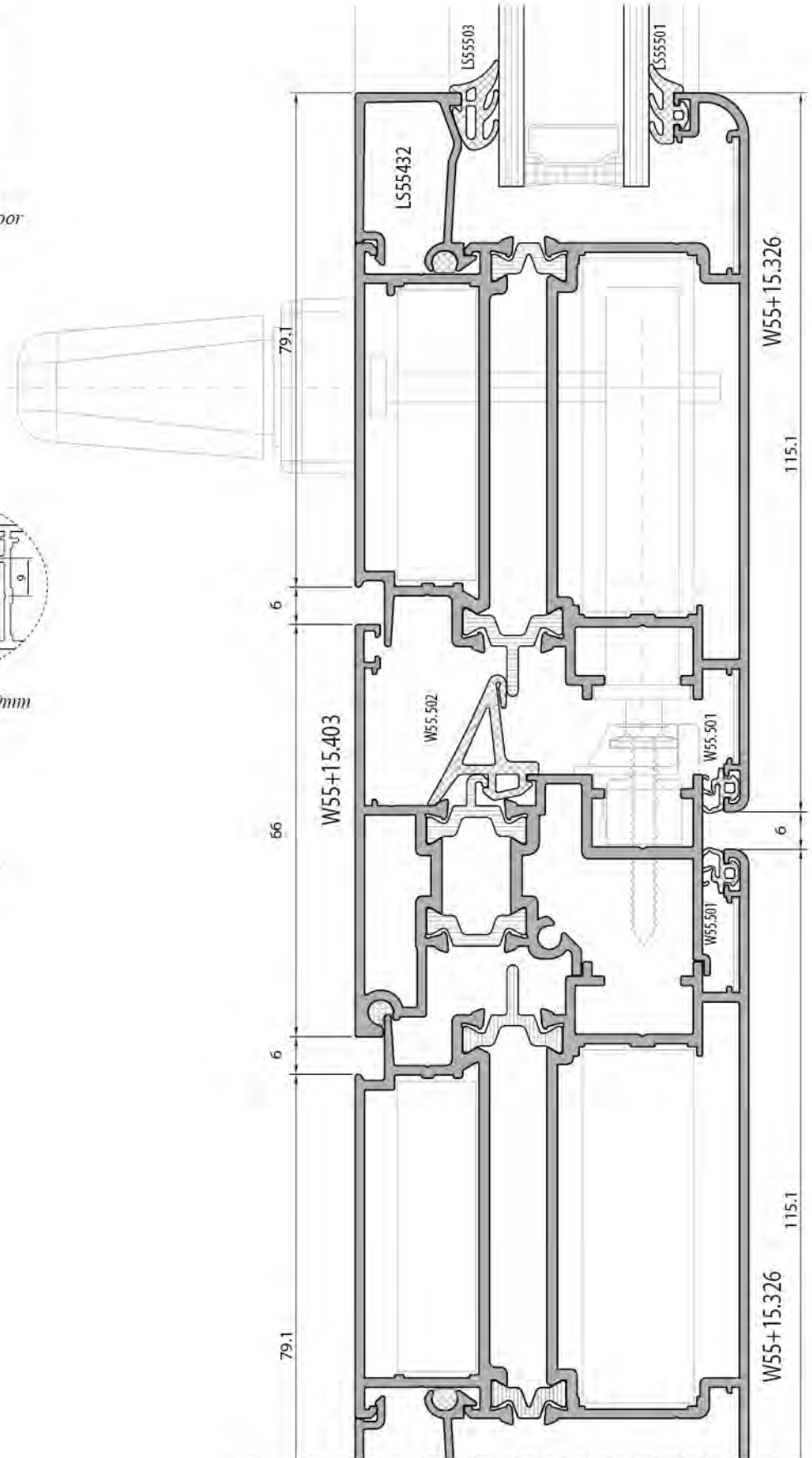


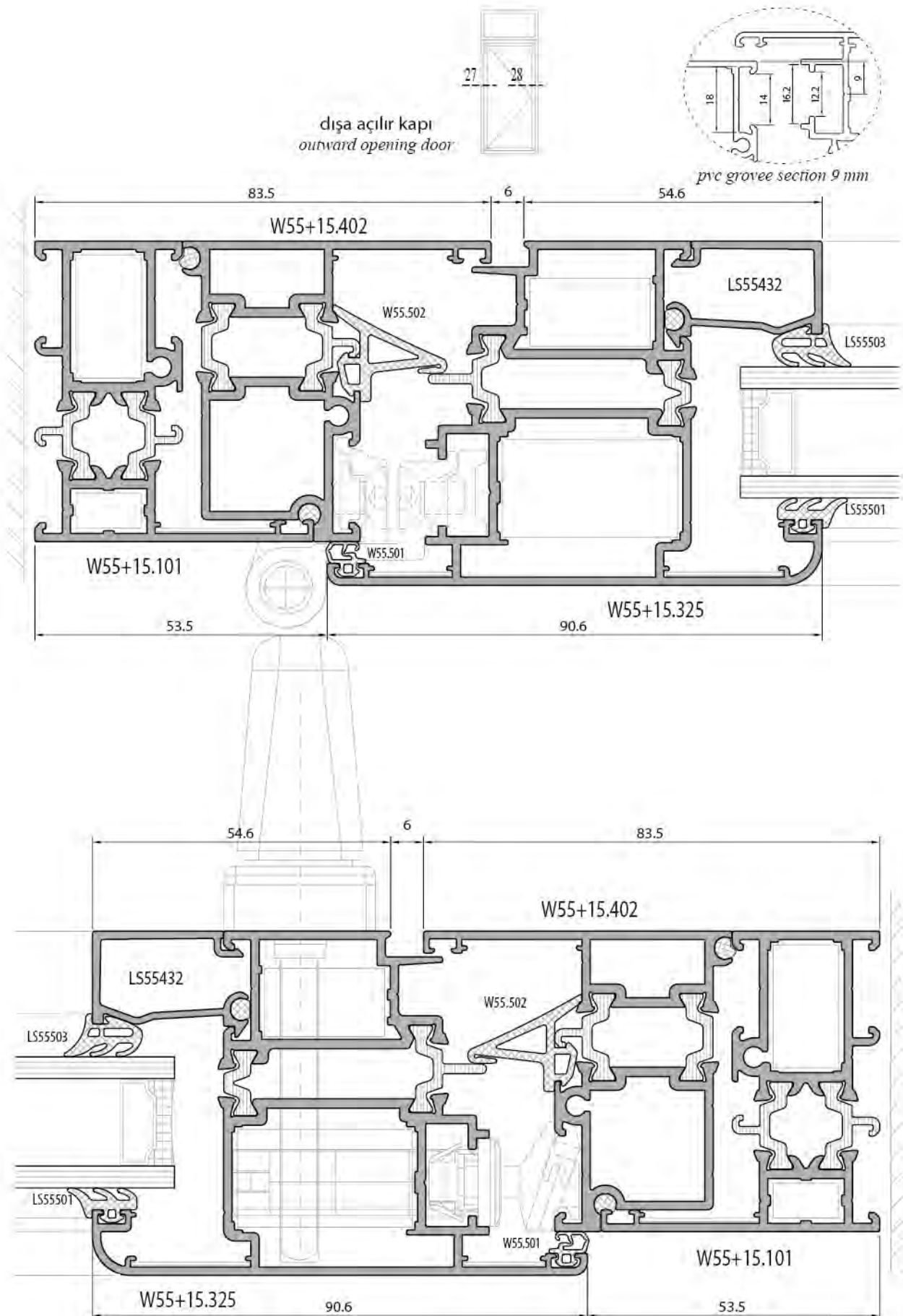


dışa açılır kapı
outward opening door



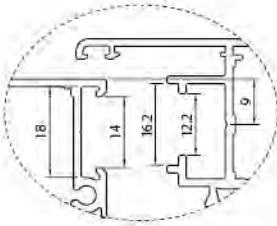
pvc groove section 9mm



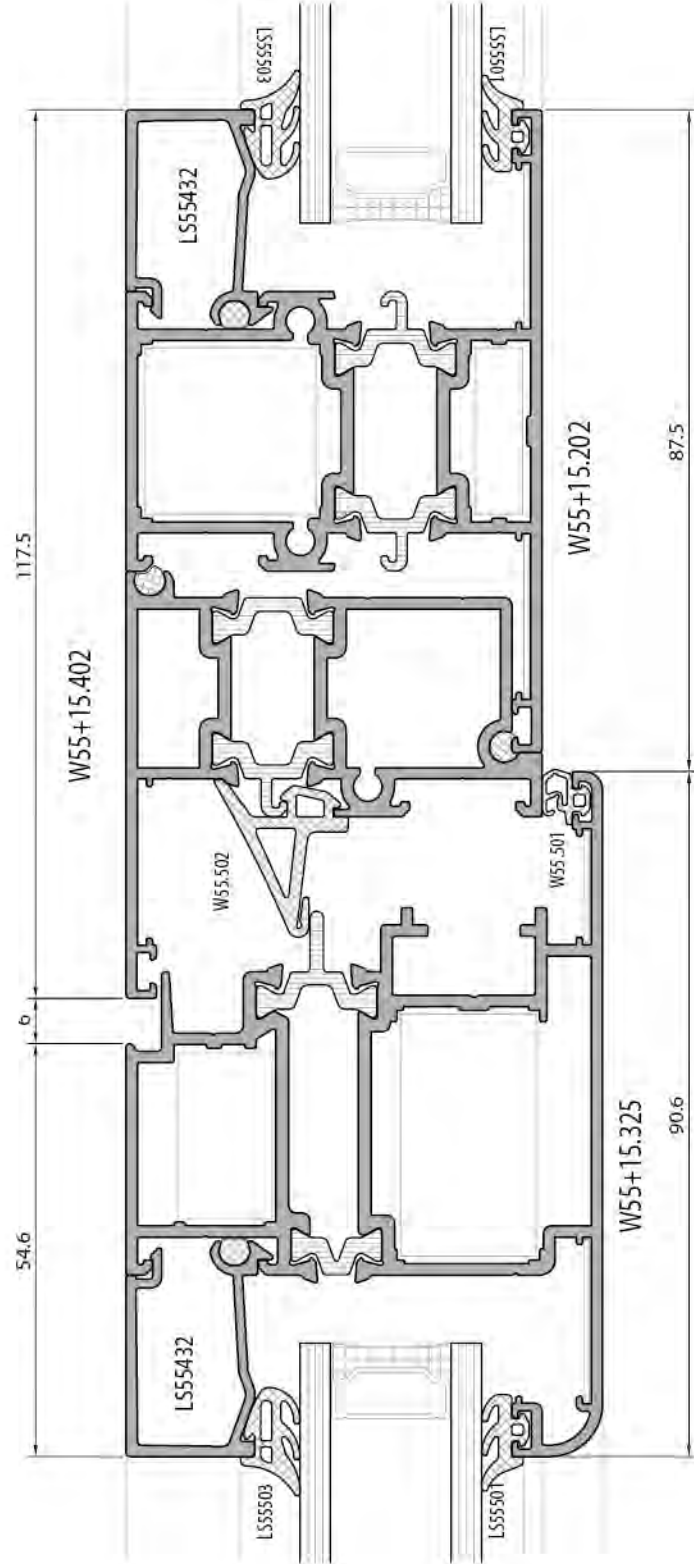


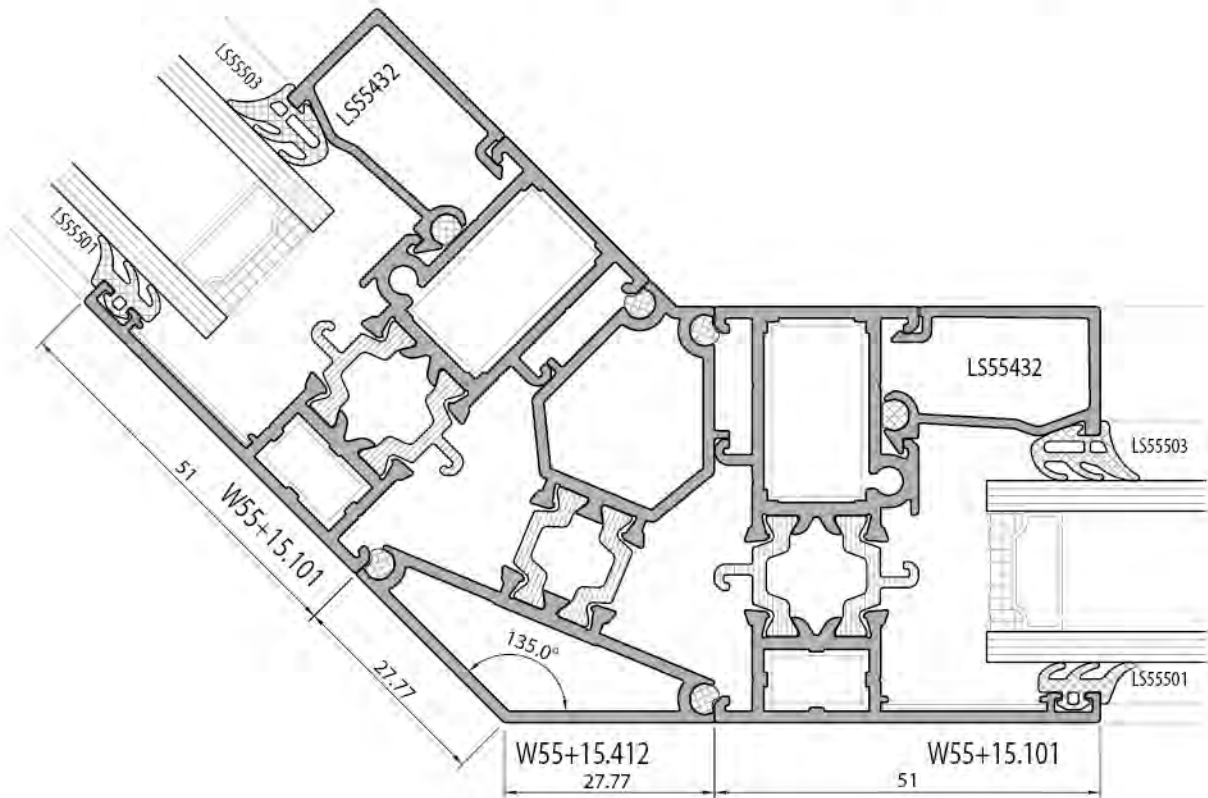
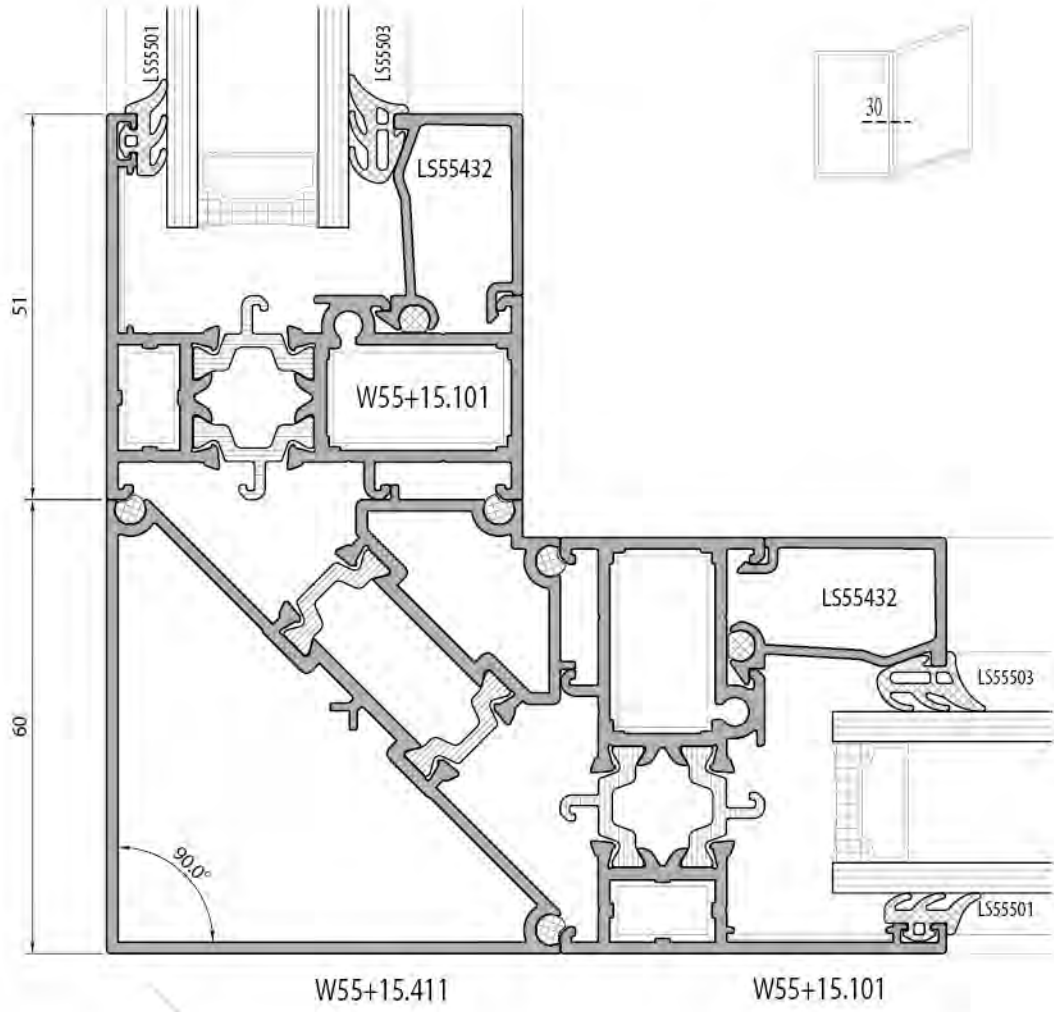


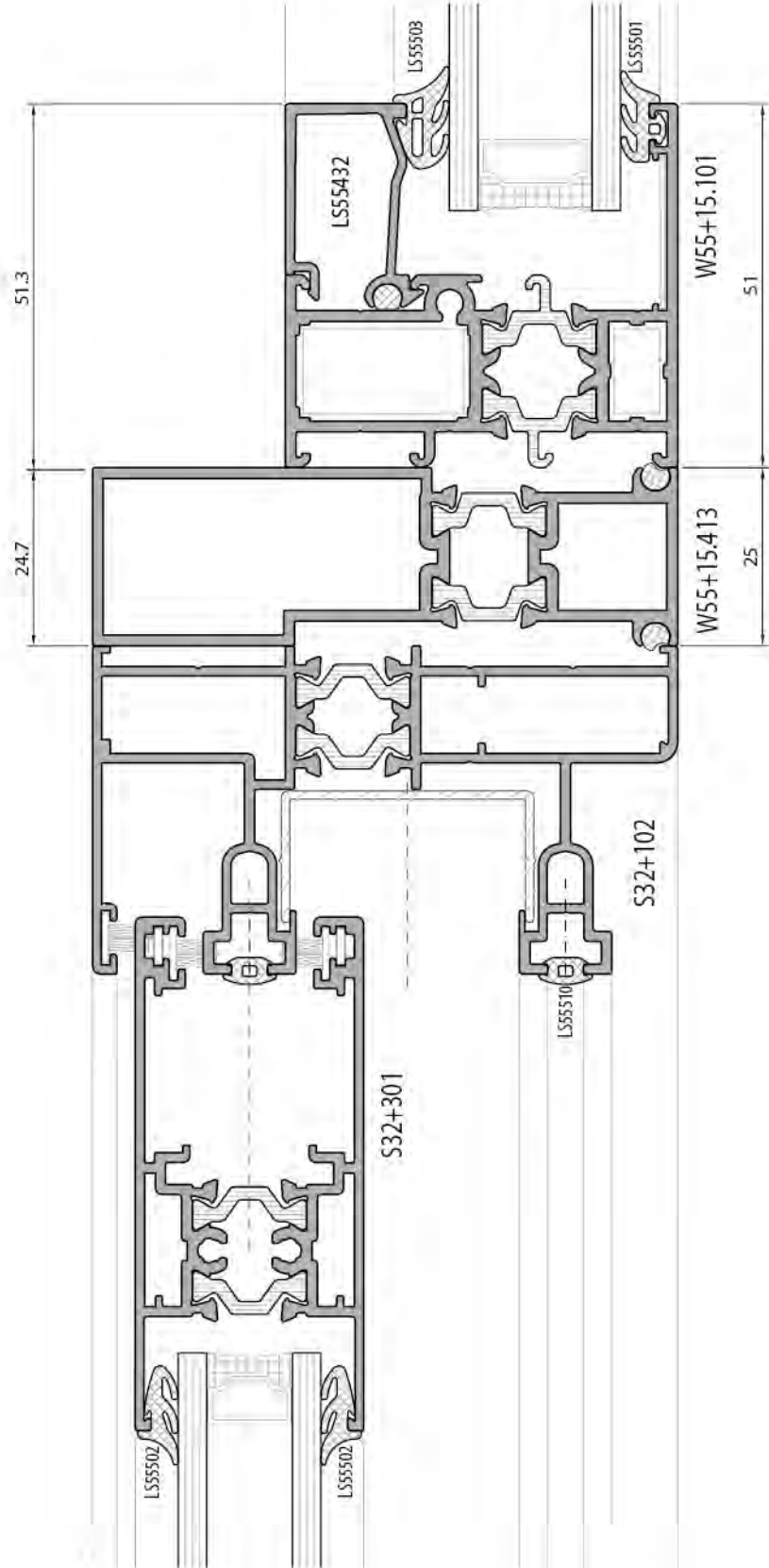
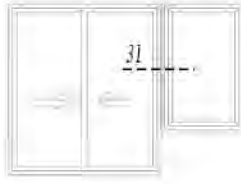
dışa açılır kapı
outward opening door

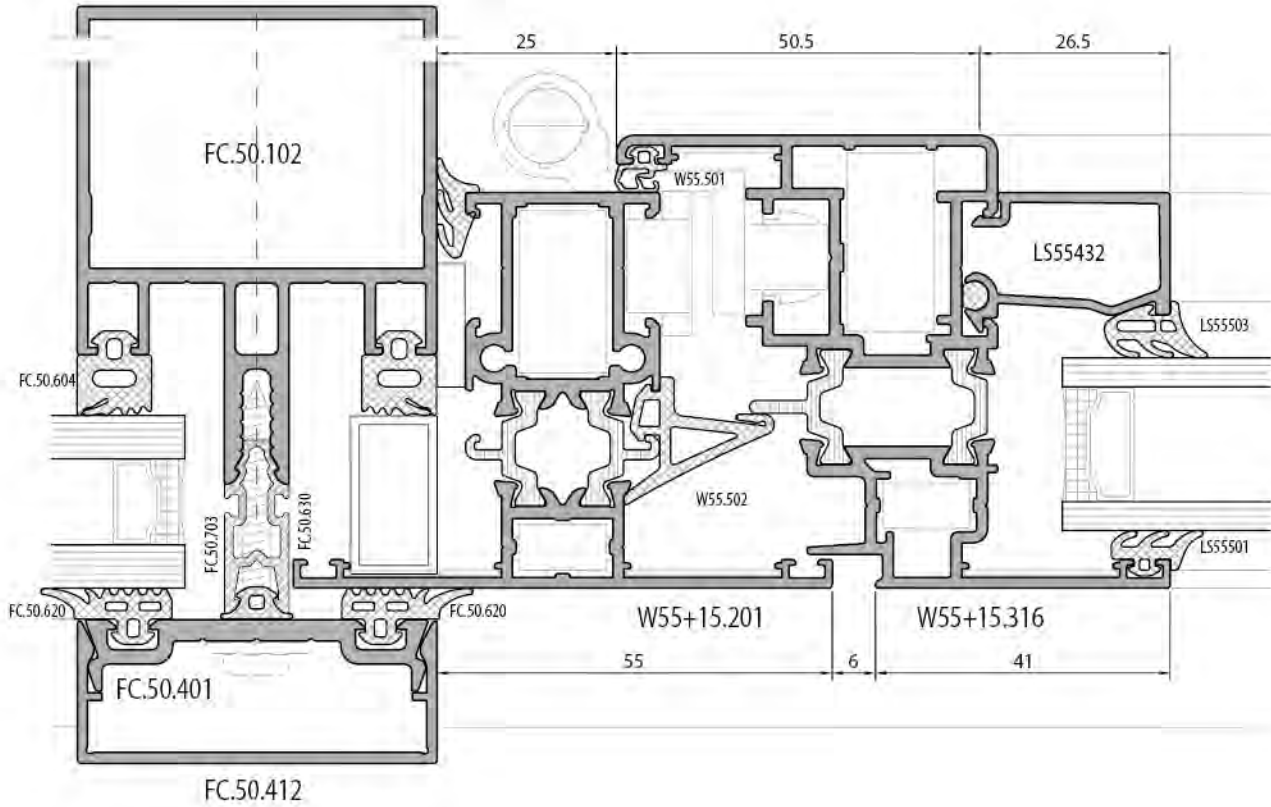
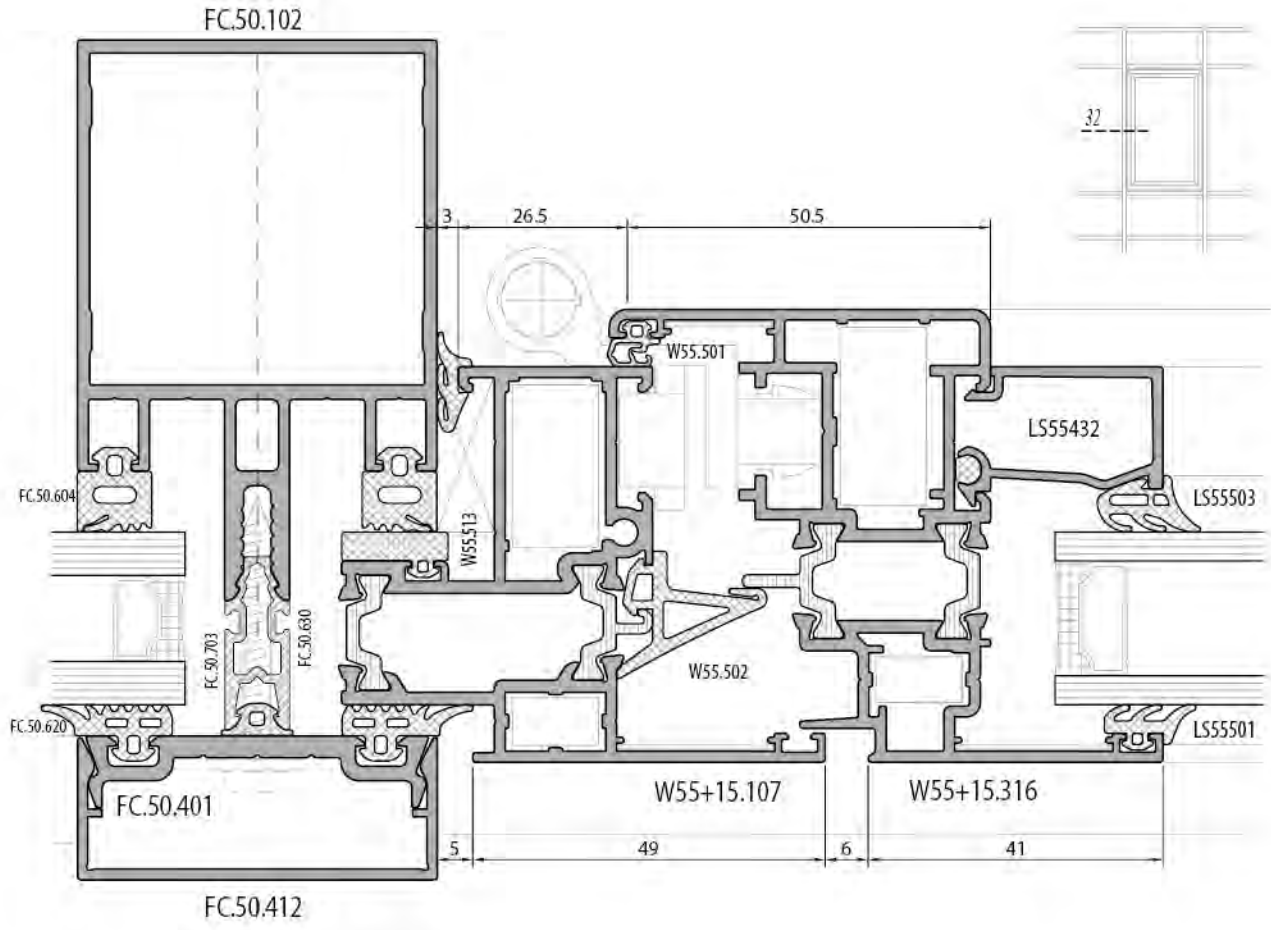


pvc groove section 9 mm



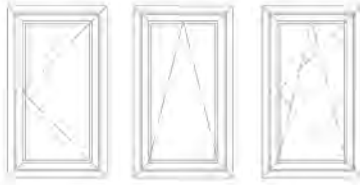






Normal / Vasistas / Çift açılım pencere

Normal / Tilt / Tilt & Turn window



$$LK = LKA + 12$$

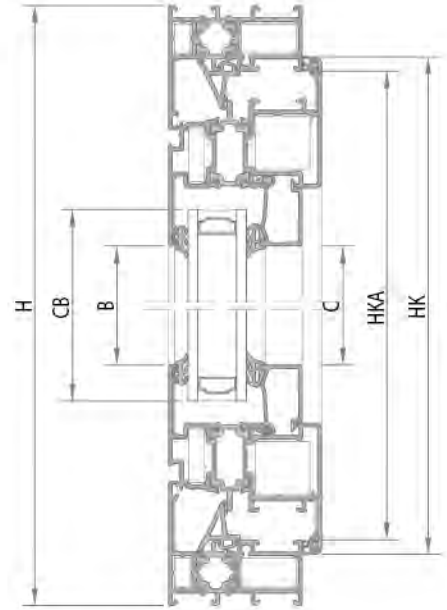
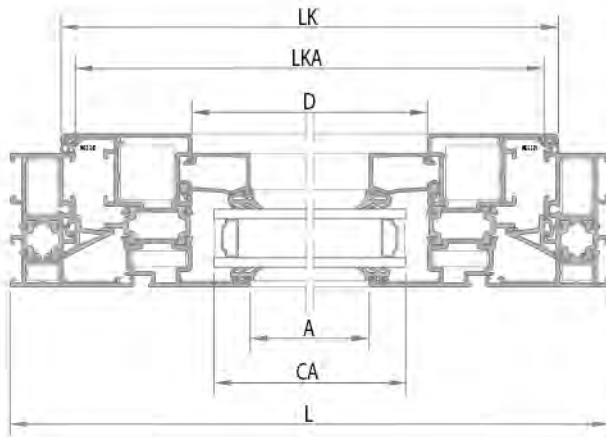
$$HK = HKA + 12$$

$$D = A + 48$$

$$C = B$$

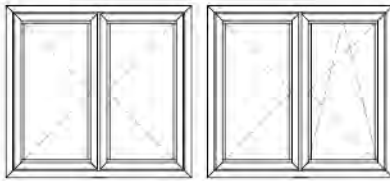
$$CA = A + 30$$

$$CB = B + 30$$



Normal / Çift açılım pencere

Normal / Tilt & Turn window



$$LK = (LKA/2) + 3$$

$$HK = HKA + 12$$

$$D = A + 48$$

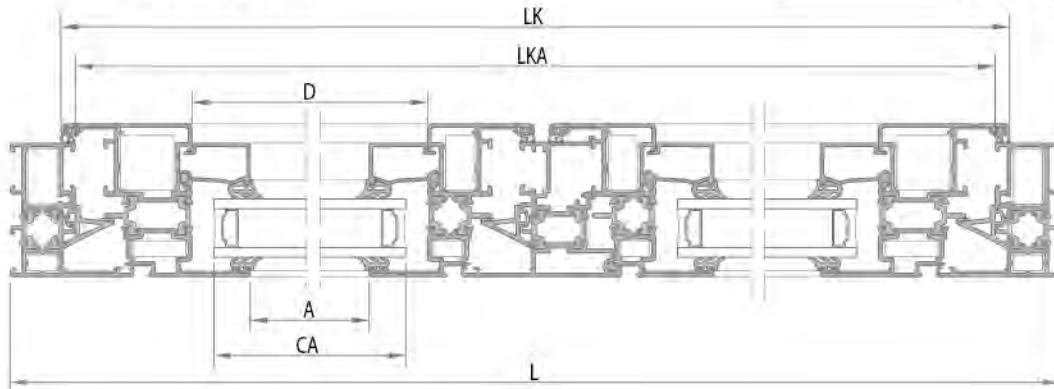
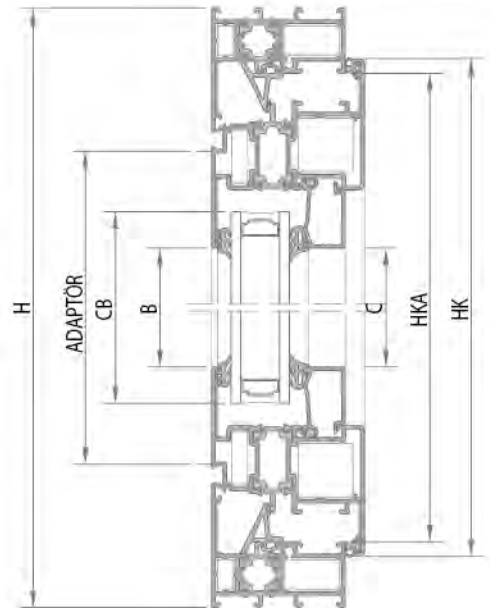
$$C = B$$

$$CA = A + 30$$

$$CB = B + 30$$

$$ADAPTÖR = HKA - 64$$

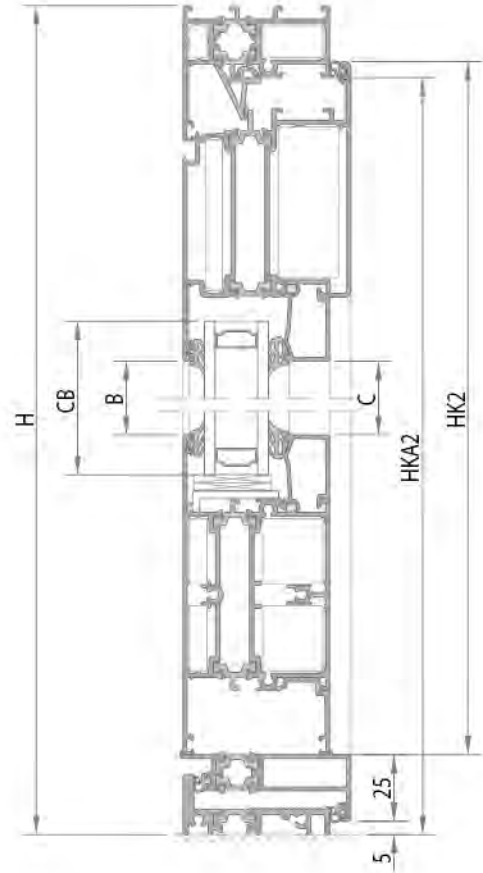
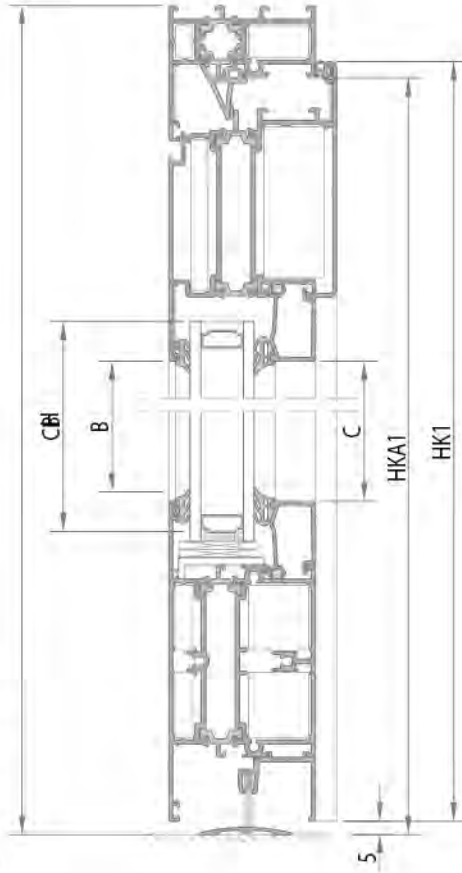
- L doğrama eni
- H doğrama boyu
- LK kanat yatay ölçüsü
- HK kanat dikey ölçüsü
- LKA kasa yatay ara ölçü
- HKA kasa dikey ara ölçü
- A kanat yatay ara ölçü
- B kanat dikey ara ölçü
- D çita yatay ölçü
- C çita dikey ölçü
- CA cam yatay ölçüsü
- CB cam dikey ölçüsü



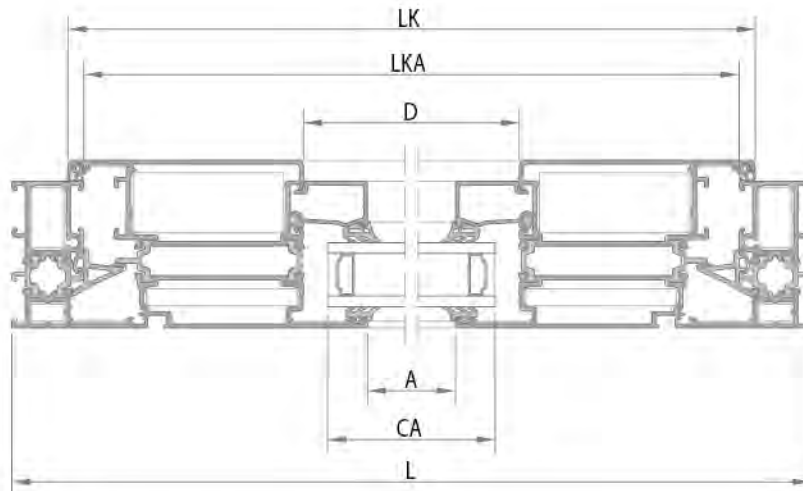
İçe açılır kapı
inward opening door



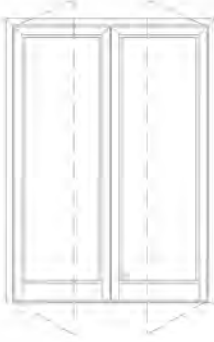
- L doğrama eni
H doğrama boyu
LK kanat yatay ölçüsü
HK kanat düşey ölçüsü
LKA kasa yatay ara ölçü
HKA kasa düşey ara ölçü
A kanat yatay ara ölçü
B kanat düşey ara ölçü
D çıta yatay ölçü
C çıta düşey ölçü
CA cam yatay ölçüsü
CB cam düşey ölçüsü



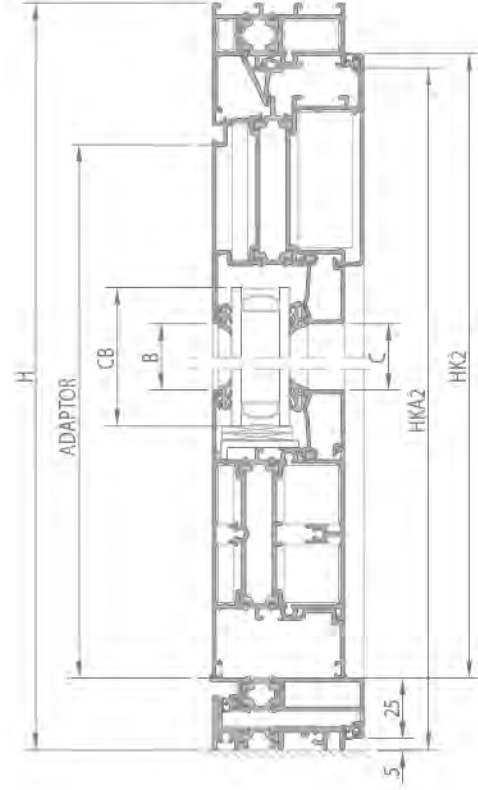
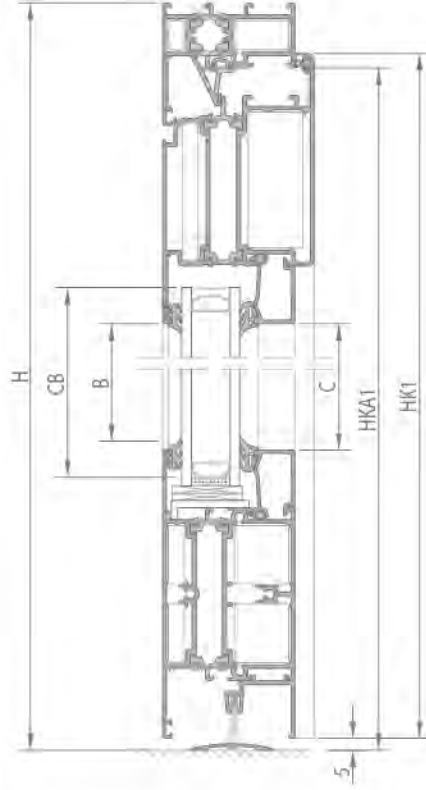
$$\begin{aligned} LK &= LKA + 12 \\ HK1 &= HKA1 + 1 \\ HK2 &= HKA1 - 24 \\ D &= A + 48 \\ C &= B \\ CA &= A + 30 \\ CB &= B + 30 \end{aligned}$$



Çift kanat içe açılır kapı
Double sash inward opening door



- L doğrama eni
H doğrama boyu
LK kanat yatay ölçüsü
HK kanat düşey ölçüsü
LKA kasa yatay ara ölçü
HKA kasa düşey ara ölçü
A kanat yatay ara ölçü
B kanat düşey ara ölçü
D çita yatay ölçü
C çita düşey ölçü
CA cam yatay ölçüsü
CB cam düşey ölçüsü



$$LK = (LKA/2) + 3$$

$$HK1 = HKA1 + 1$$

$$HK2 = HKA1 - 24$$

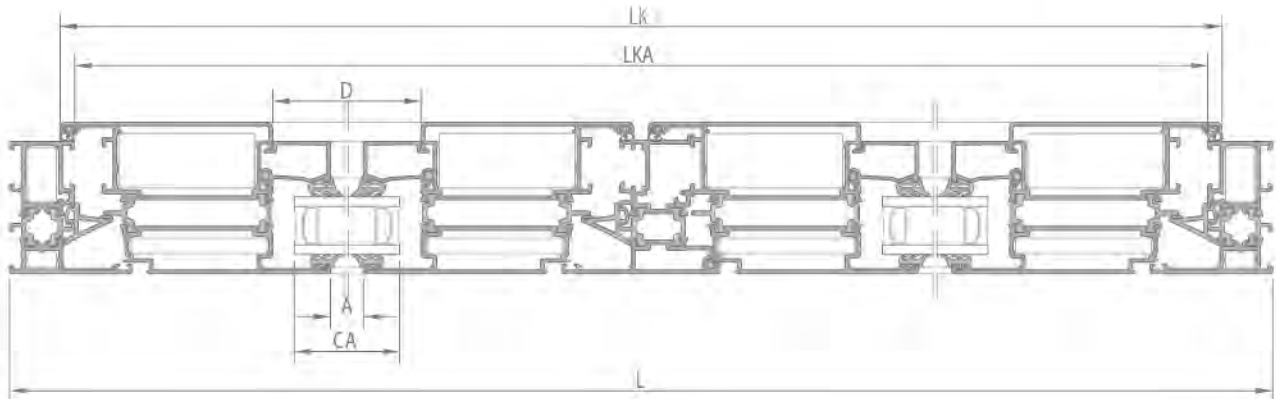
$$D = A + 48$$

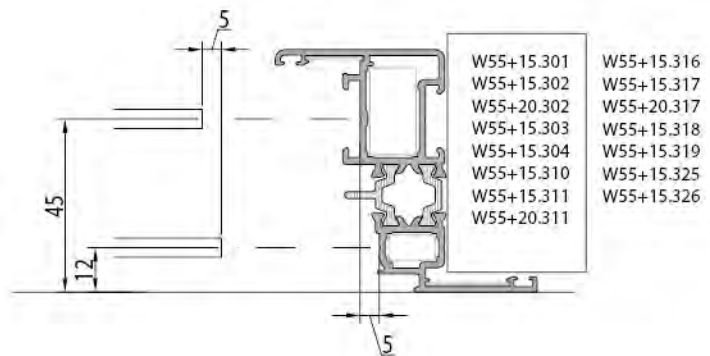
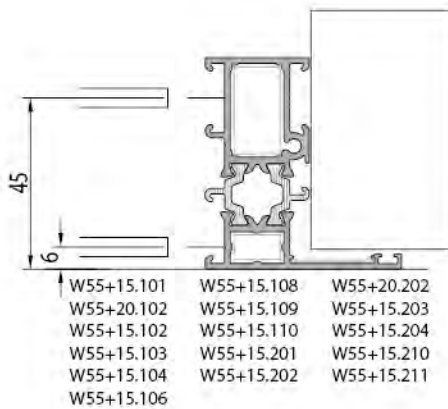
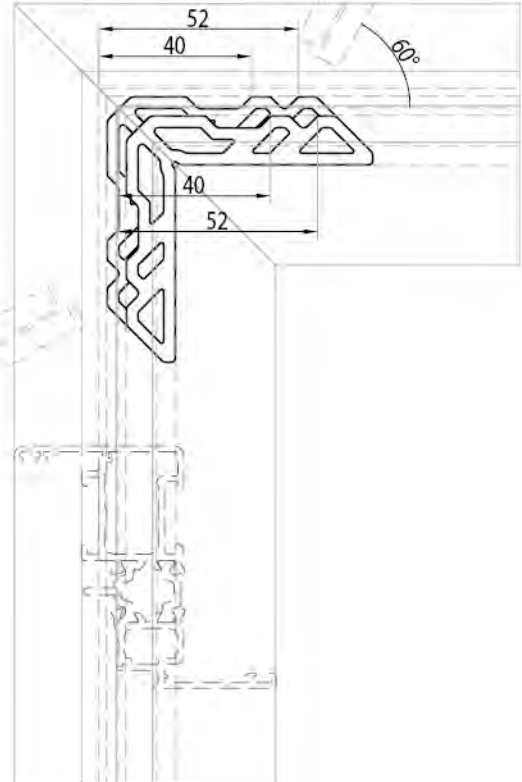
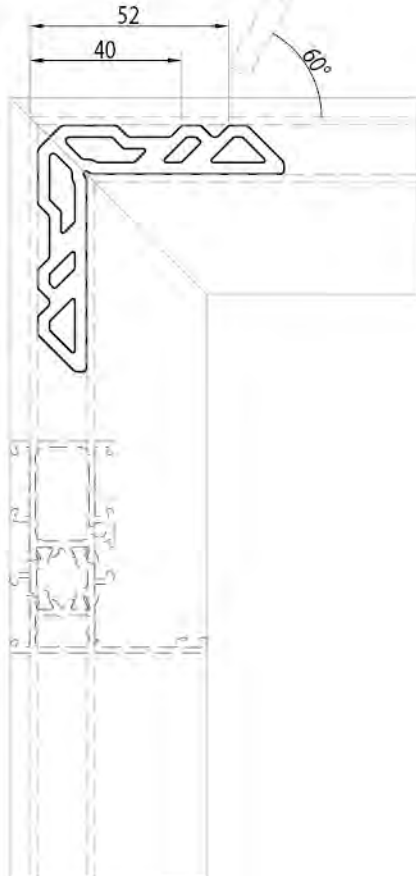
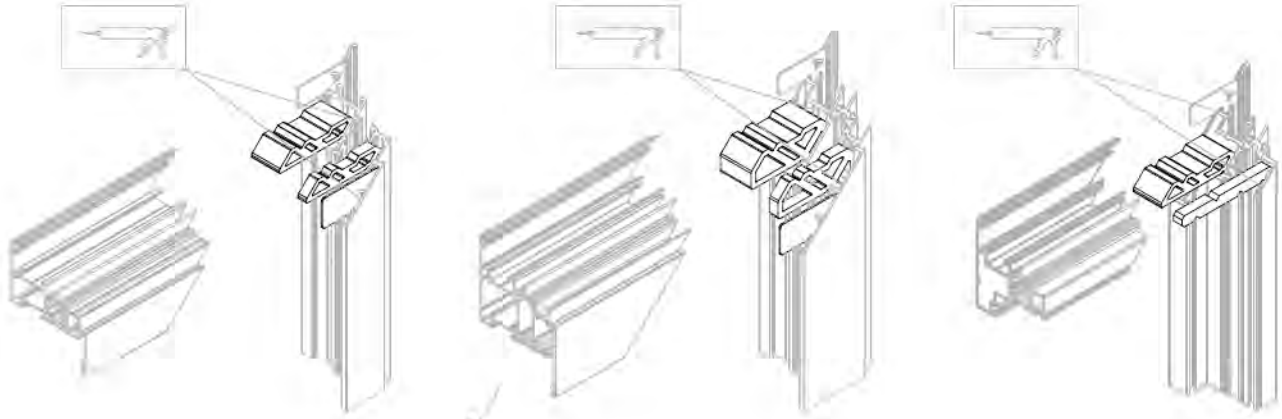
$$C = B$$

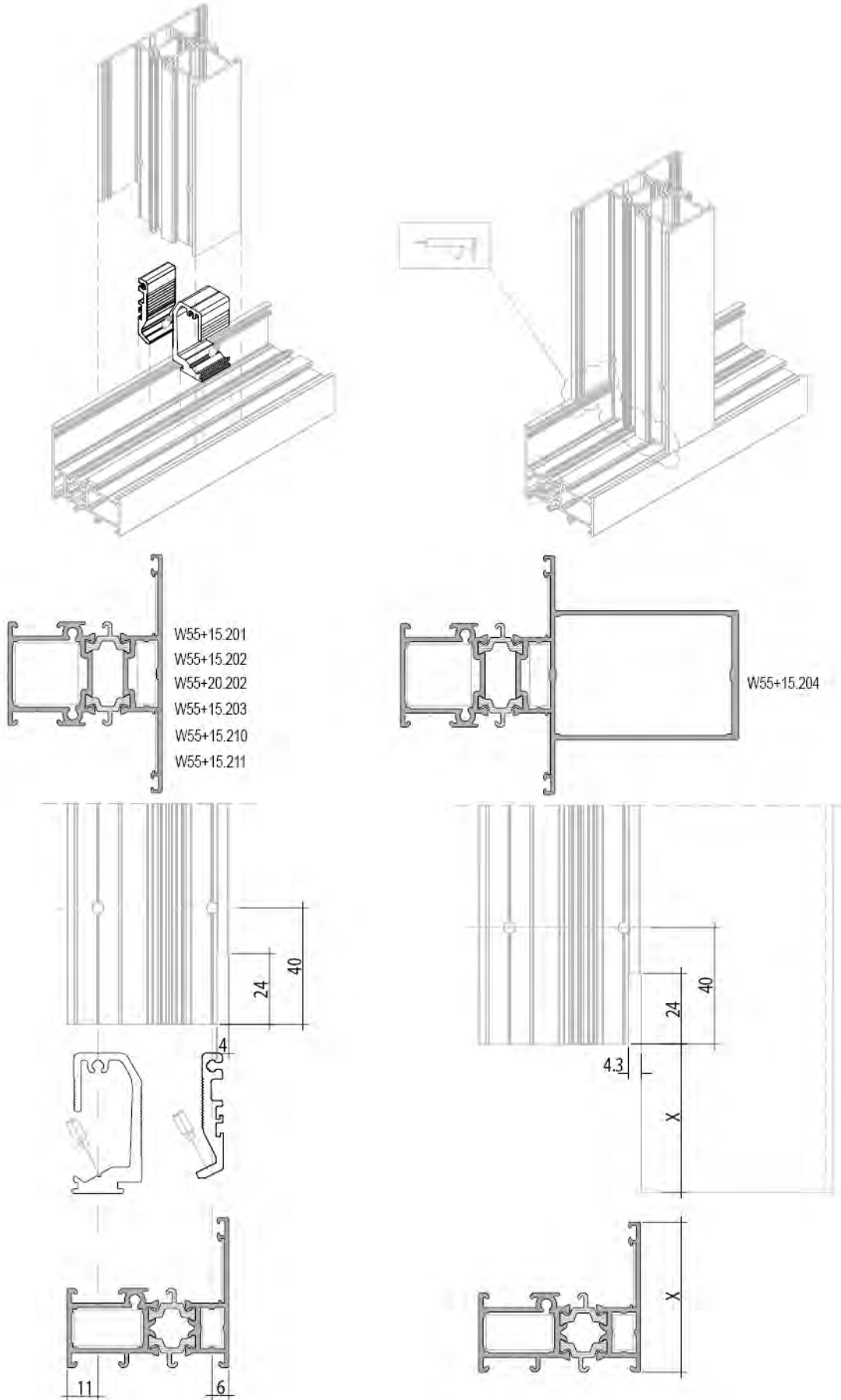
$$CA = A + 30$$

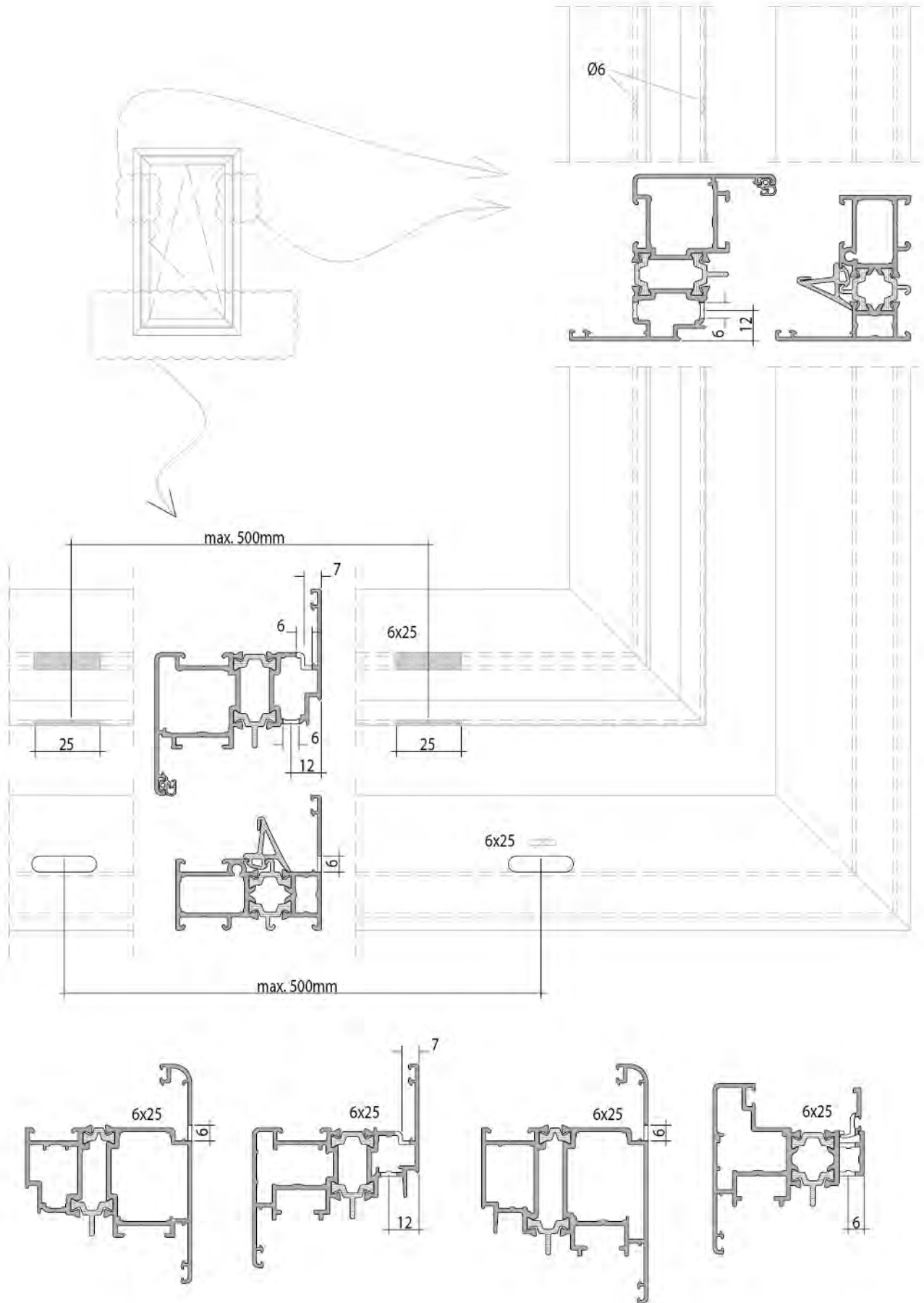
$$CB = B + 30$$

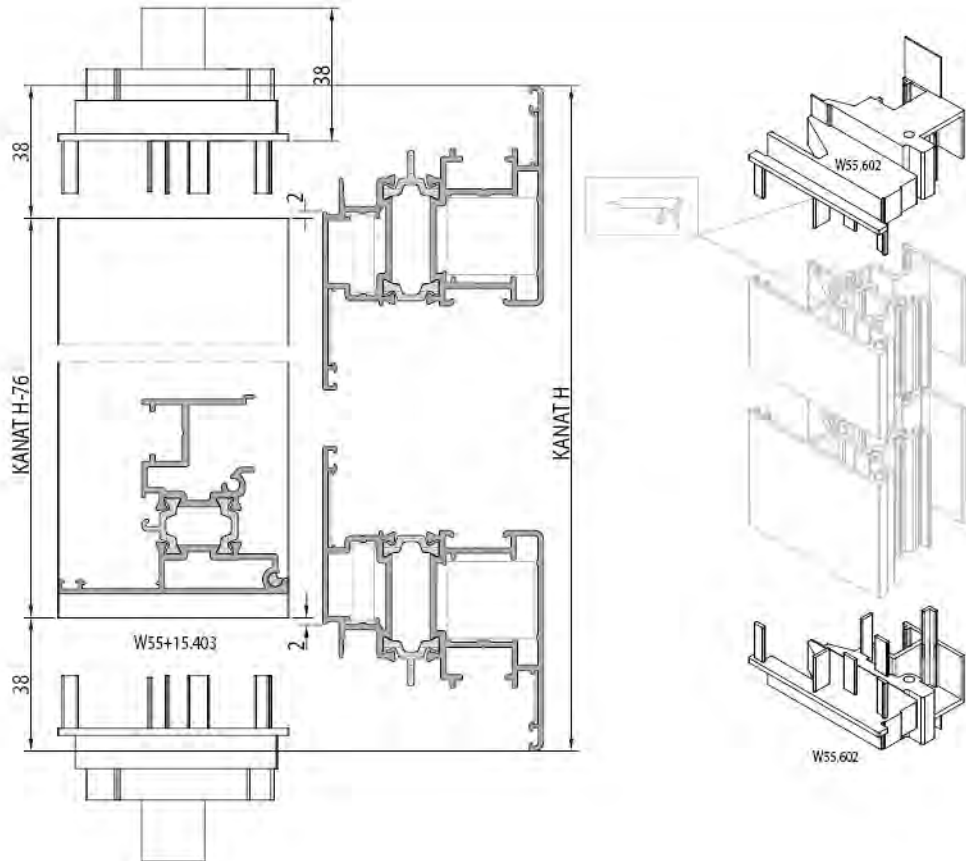
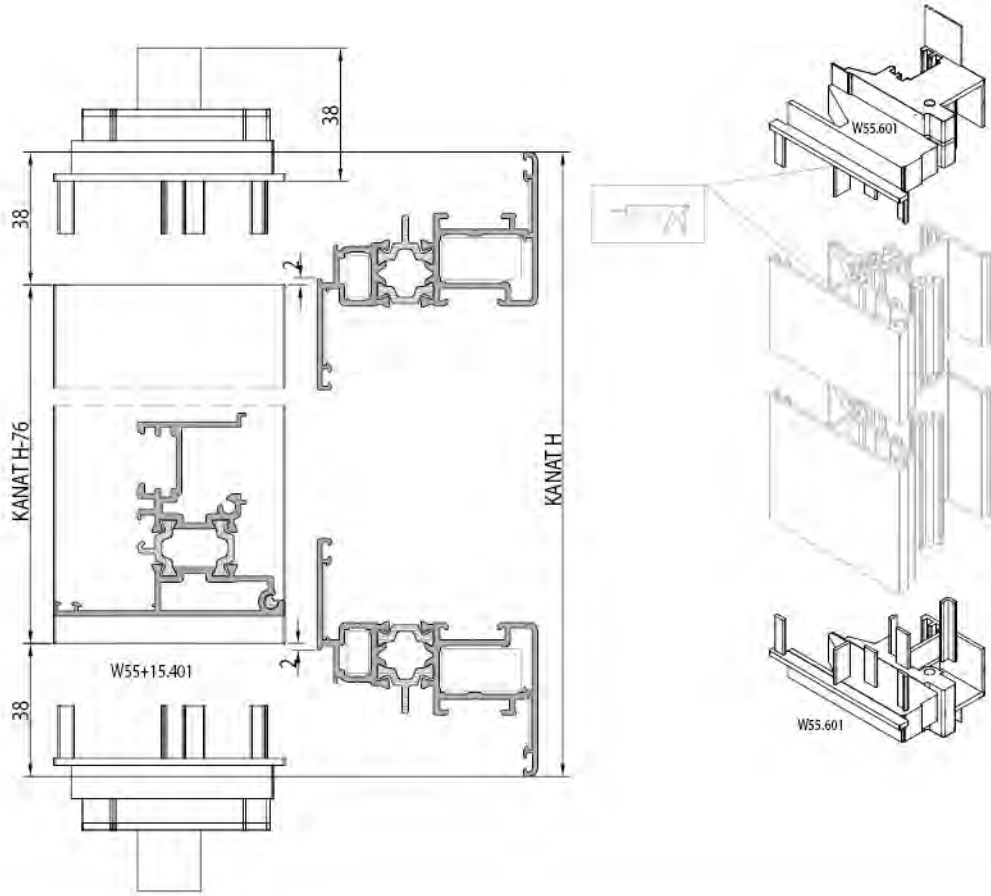
$$ADAPTÖR = HKA2 - 62$$

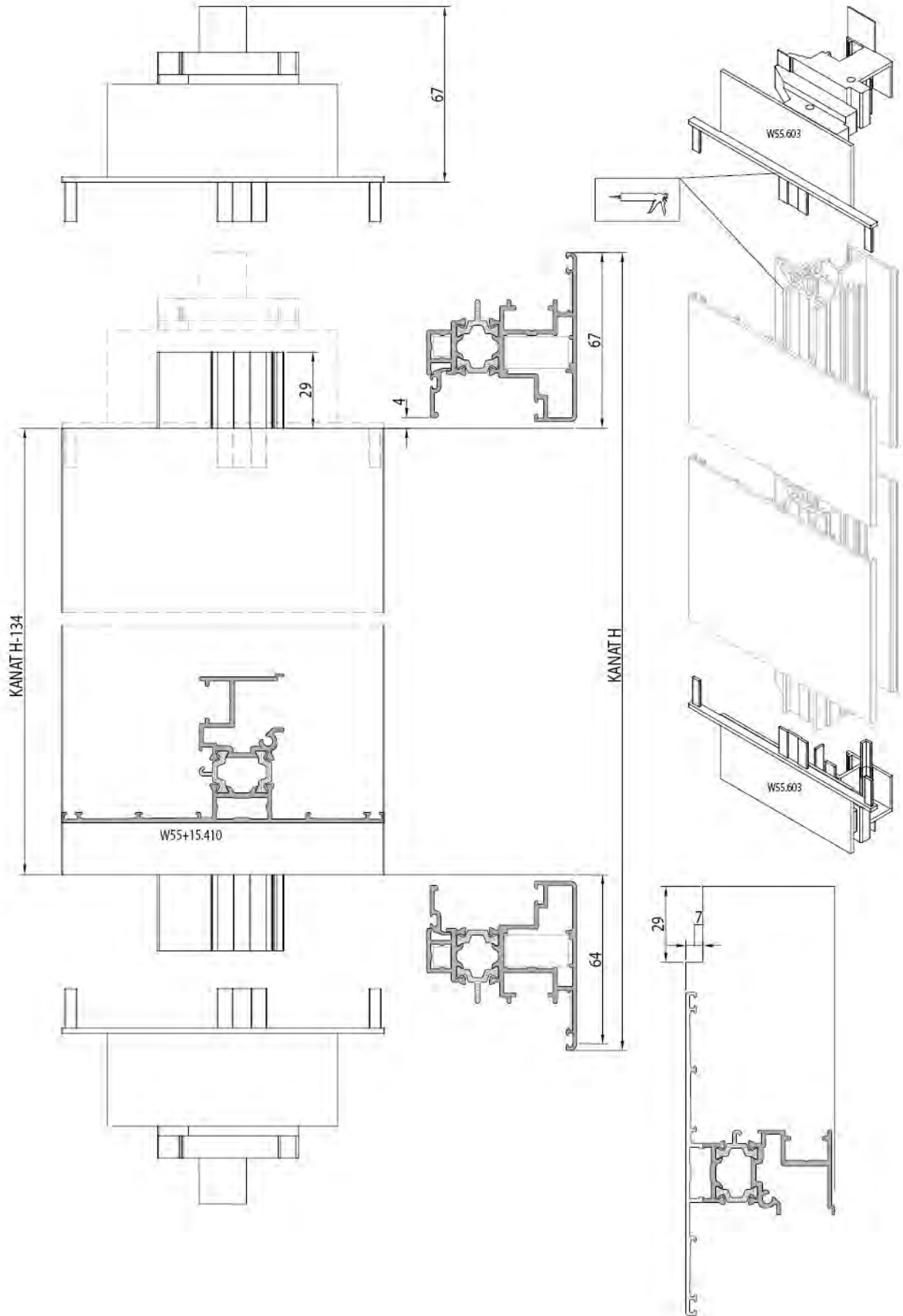


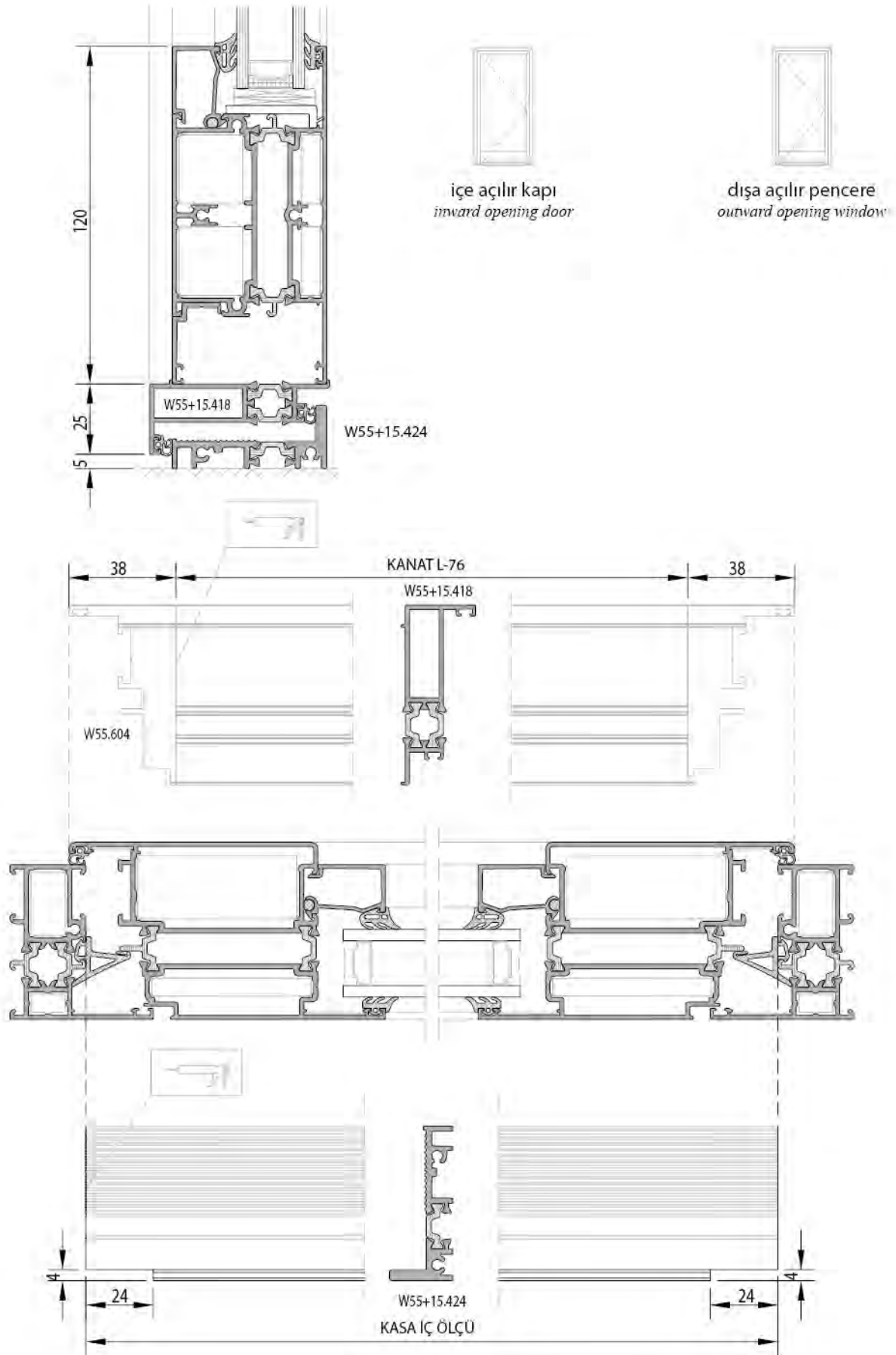


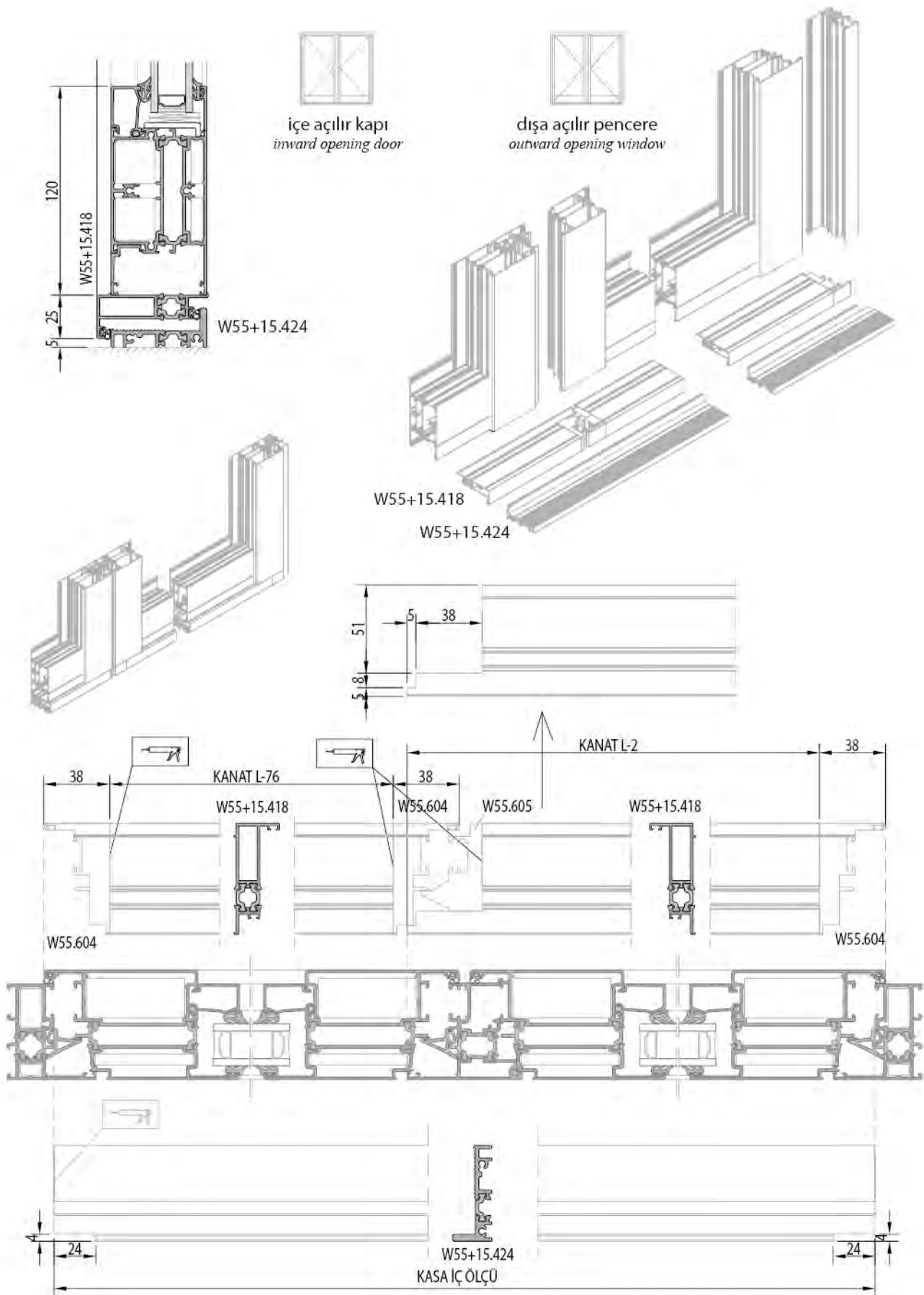




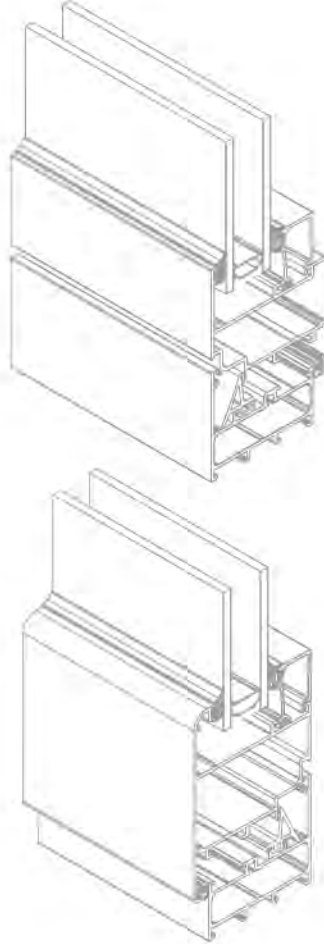








W55



PENCERE VE KAPI SİSTEMİ WINDOW AND DOOR SYSTEM	W55	KASA	FRAME	100	W55 15.100		
		ORTA KAYIT	MULLION	200			
		KANAT	SASH	300			
		ADAPTÖR, BAĞL. PR	ADAPTER	400			
		EPDM GRUP	EPDM GROUP	500			
		PVC GRUP	PVC GROUP	600			
		AÇILIM GRUP	OPENING GROUP	700			
					SİSTEM	GRUP	PR NO

PROFİL ET KALINLIĞI	PROFILE THICKNESS	1,5-2 mm
KASA YÜKSEKLİĞİ	FRAME HEIGHT	55 mm
KANAT YÜKSEKLİĞİ	SASH HEIGHT	63 mm
CAM KALINLIĞI	GLASS THICKNESS	4-38 mm

ALAŞIM ÖZELLİKLERİ
ALLOY PROPERTIES

EN AW 6060 (AlMgSi0,5 F22)
EN AW 6063 (AlMg0,7Si F22)

ÜRETİM VE MEKANİK STANDARTLAR
PRODUCTION AND MECHANICAL STANDARDS

EN 12020-2 EN 755-9 EN 755-2



Köşe takoz profili
Corner cleat profile

W55.450-5 50,6 mm

W55.450-6 39 mm

W55.452-5 50,6 mm

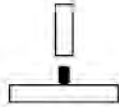
W55.452-6 39 mm

W55.451-5 50,6 mm

W55.451-6 39 mm

W55.454-4 39 mm

W55.454-5 43,5 mm



Orta kayıt bağlantı
Mullion connection

W55.15.456-1 12,5 mm

W55.15.456-2 22,5 mm

W55.15.456-3 32,6 mm

W55.15.456-4 25 mm

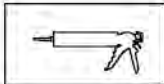


Köşe onbaşı
Corner cleat

LS55617 LS55618



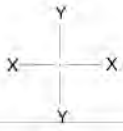
Yatay sayfa
Page horizontal



Silikon
Silicone

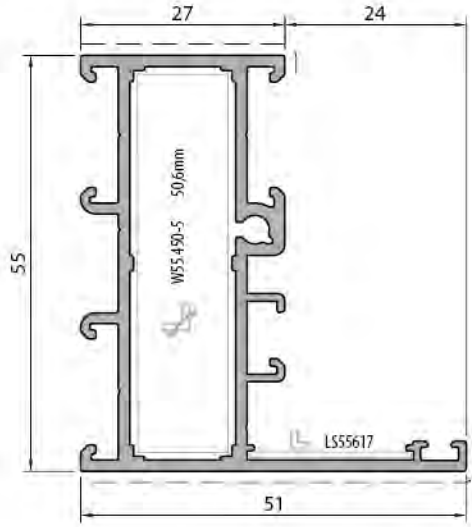


Dikkat
Attention

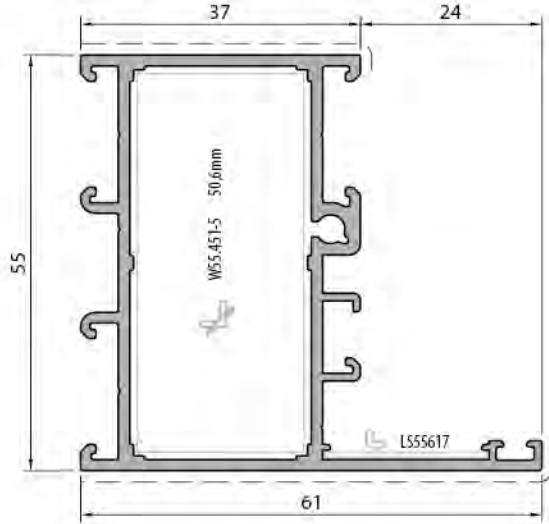


W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM

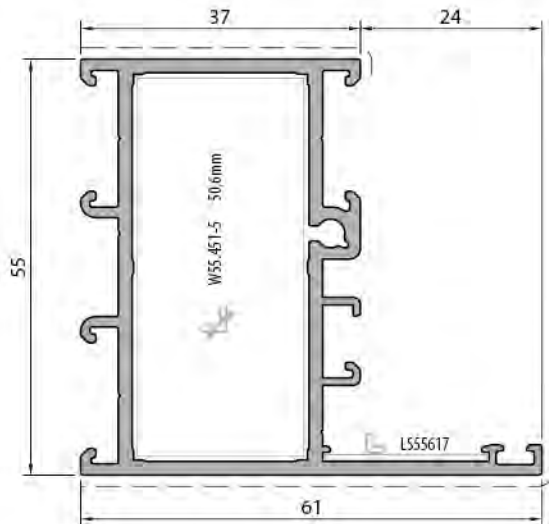
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



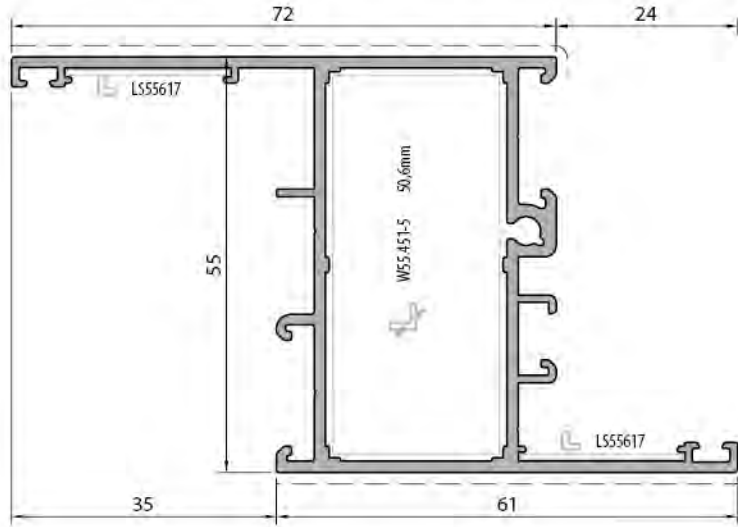
Kasa Profili / Frame profile	
W55.15.101	
Weight : 0,951 kg/m	
Ix : 14,06 cm ⁴	Wx : 4,59 cm ³
Iy : 4,41 cm ⁴	Wy : 1,30 cm ³



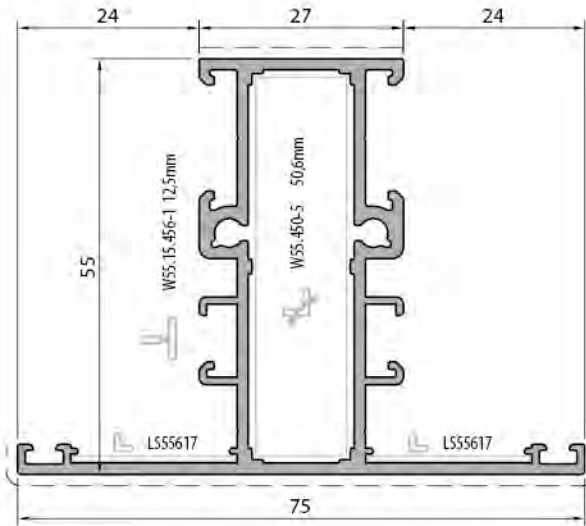
Kasa Profili / Frame profile	
W55.15.102	
Weight : 1,032 kg/m	
Ix : 16,77 cm ⁴	Wx : 5,52 cm ³
Iy : 8,28 cm ⁴	Wy : 2,16 cm ³



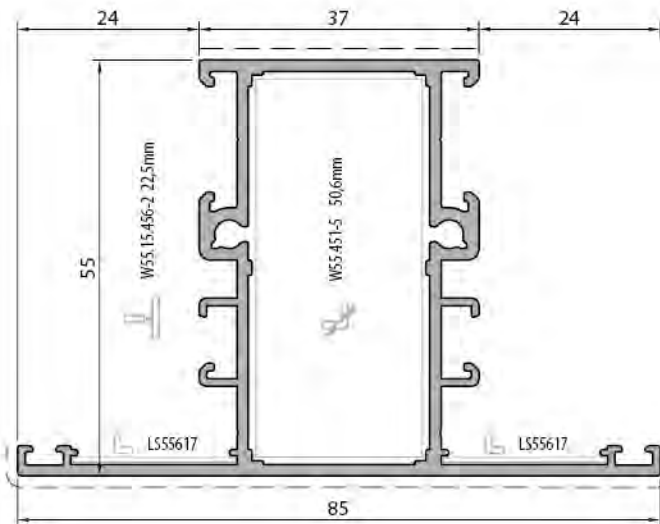
Kasa Profili / Frame profile	
W55.20.102	
Weight : 1,159 kg/m	
Ix : 18,62 cm ⁴	Wx : 4,96 cm ³
Iy : 8,96 cm ⁴	Wy : 2,94 cm ³



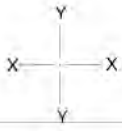
Kasa Profili / Frame profile	
W55.15.103	
Weight : 1,179 kg/m	
$I_x : 28,75 \text{ cm}^4$	$W_x : 10,08 \text{ cm}^3$
$I_y : 10,22 \text{ cm}^4$	$W_y : 1,95 \text{ cm}^3$



Orta Kayıt Profili / Mullion profile	
W55.15.201	
Weight : 1,108 kg/m	
$I_x : 15,49 \text{ cm}^4$	$W_x : 4,72 \text{ cm}^3$
$I_y : 9,11 \text{ cm}^4$	$W_y : 2,42 \text{ cm}^3$

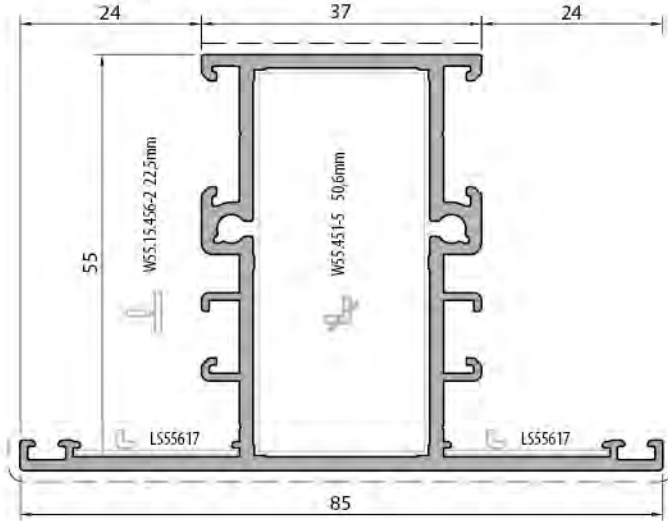


Orta Kayıt Profili / Mullion profile	
W55.15.202	
Weight : 1,189 kg/m	
$I_x : 17,72 \text{ cm}^4$	$W_x : 5,46 \text{ cm}^3$
$I_y : 15,20 \text{ cm}^4$	$W_y : 3,57 \text{ cm}^3$

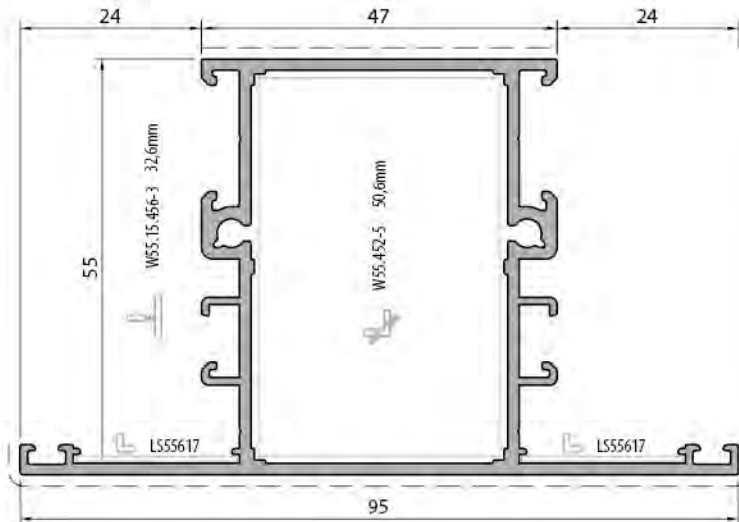


W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM

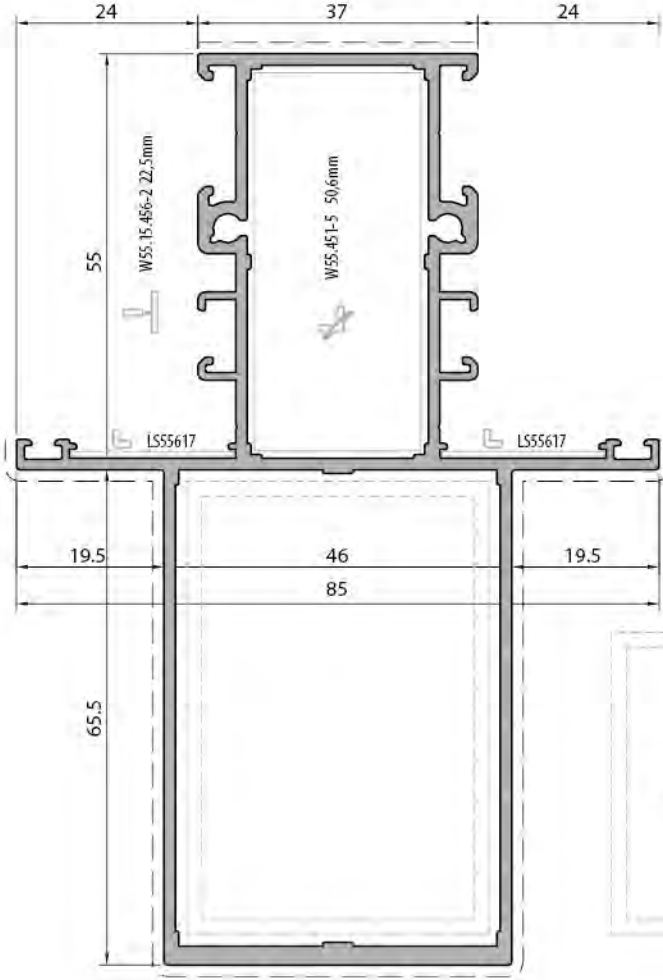
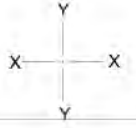
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



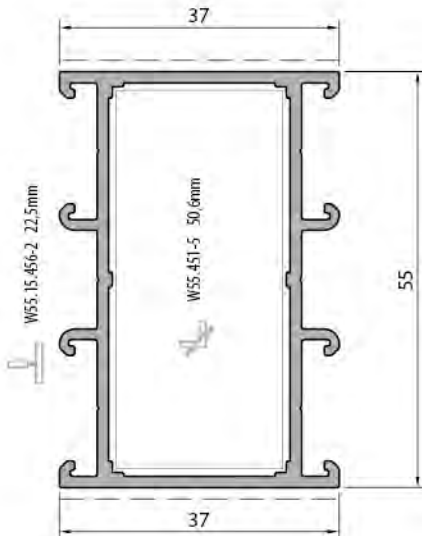
Orta Kayıt Profili / Mullion profile	
W55.20.202	
Weight : 1,333 kg/m	
Ix : 19,73 cm ⁴	Wx : 74,64 cm ³
Iy : 16,45 cm ⁴	Wy : 5,04 cm ³



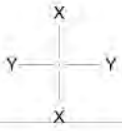
Orta Kayıt Profili / Mullion profile	
W55.15.203	
Weight : 1,270 kg/m	
Ix : 19,93 cm ⁴	Wx : 6,20 cm ³
Iy : 23,48 cm ⁴	Wy : 4,94 cm ³



Orta Kayıt Profili / Mullion profile	
W55.15.204	
Weight : 2,031 kg/m	
$I_x : 112,37 \text{ cm}^4$	$W_x : 18,52 \text{ cm}^3$
$I_y : 26,76 \text{ cm}^4$	$W_y : 6,29 \text{ cm}^3$

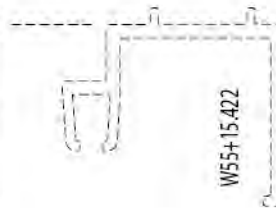
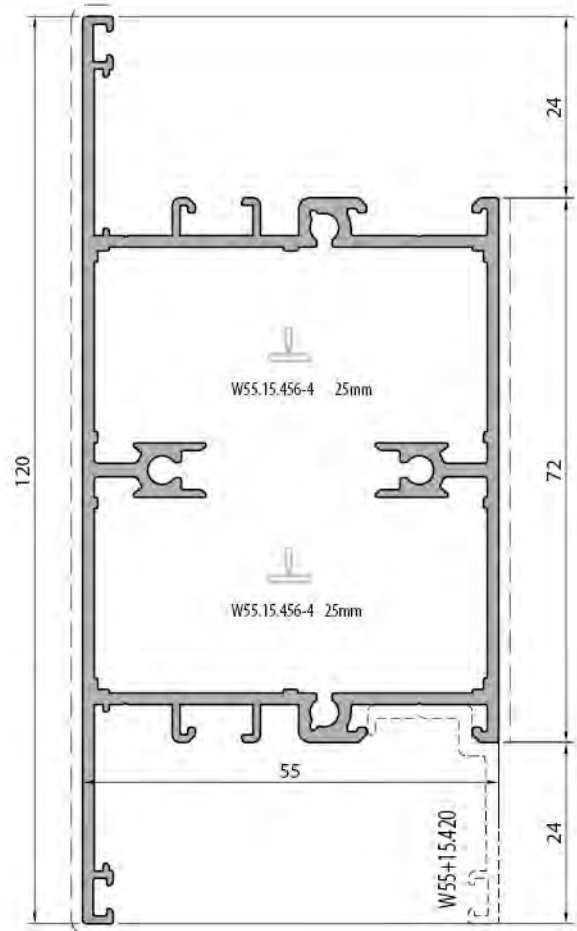
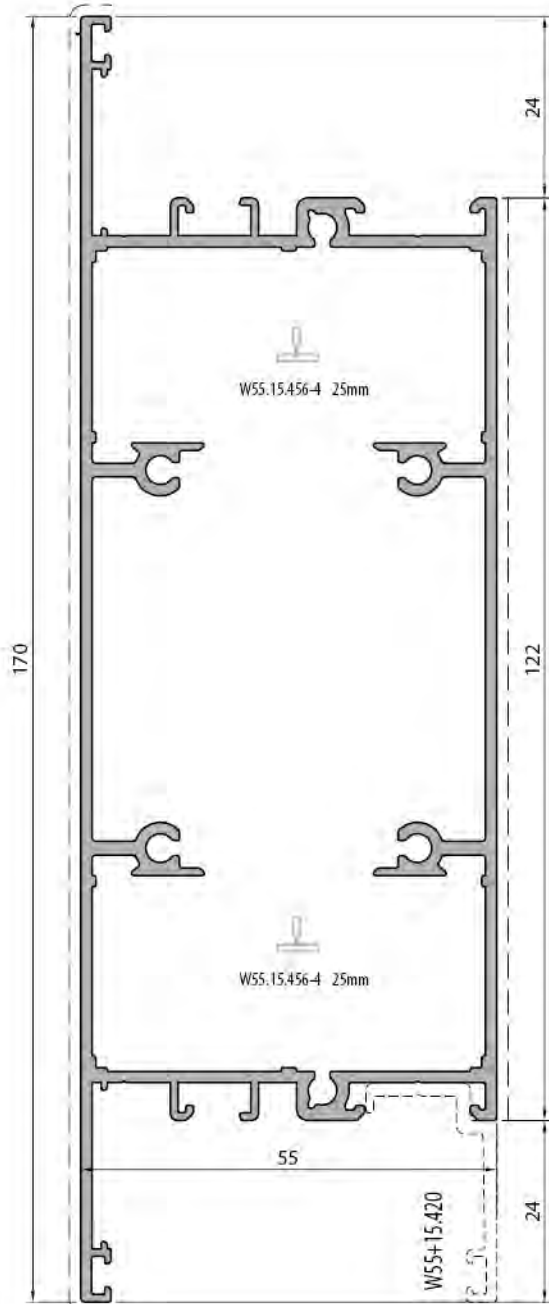


Orta Kayıt Profili / Mullion profile	
W55.15.205	
Weight : 0,888 kg/m	
$I_x : 12,87 \text{ cm}^4$	$W_x : 4,68 \text{ cm}^3$
$I_y : 5,25 \text{ cm}^4$	$W_y : 2,83 \text{ cm}^3$



W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM

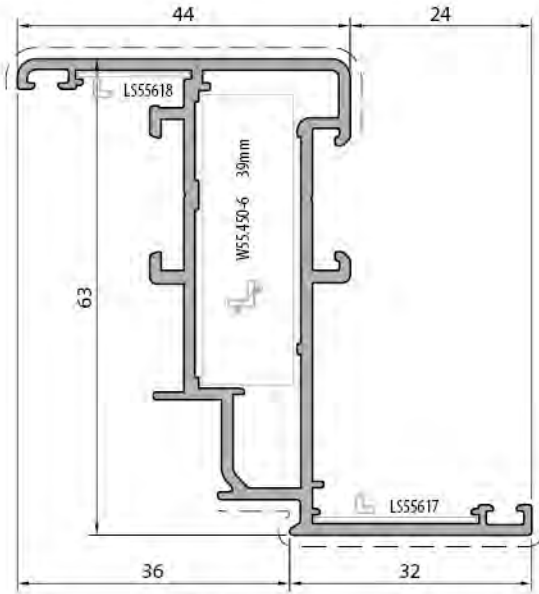
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



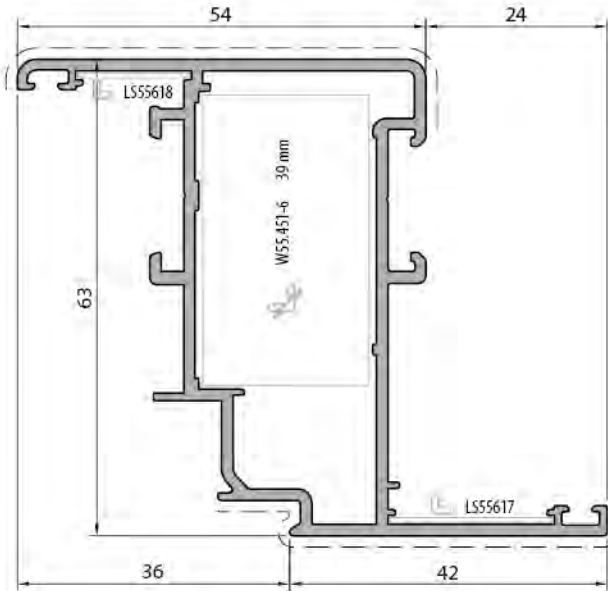
Orta Kayıt Profili + Etek Profili Mullion + bottom sash profile	
W55.15.215	
Weight : 2,298 kg/m	
Ix : 42,22 cm ⁴	Wx : 13,84 cm ³
Iy : 181,31 cm ⁴	Wy : 21,33 cm ³

Orta Kayıt Profili + Etek Profili Mullion + bottom sash profile	
W55.15.216	
Weight : 1,725 kg/m	
Ix : 28,89 cm ⁴	Wx : 9,34 cm ³
Iy : 54,88 cm ⁴	Wy : 9,14 cm ³

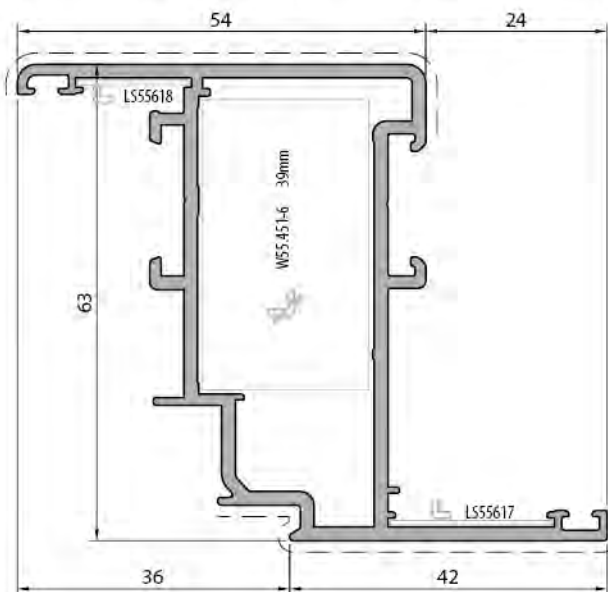
Profil değerleri teöriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pro-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



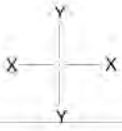
Kanat Profili (içe açılır) Sash profile (inward opening)	
W55.15.301	
Weight : 1,024 kg/m	
lx : 22,08 cm ⁴	Wx : 6,59 cm ³
ly : 4,22 cm ⁴	Wy : 1,17 cm ³



Kanat Profili (içe açılır) Sash profile (inward opening)	
W55.15.302	
Weight : 1,125 kg/m	
lx : 26,99 cm ⁴	Wx : 8,21 cm ³
ly : 7,87 cm ⁴	Wy : 1,93 cm ³

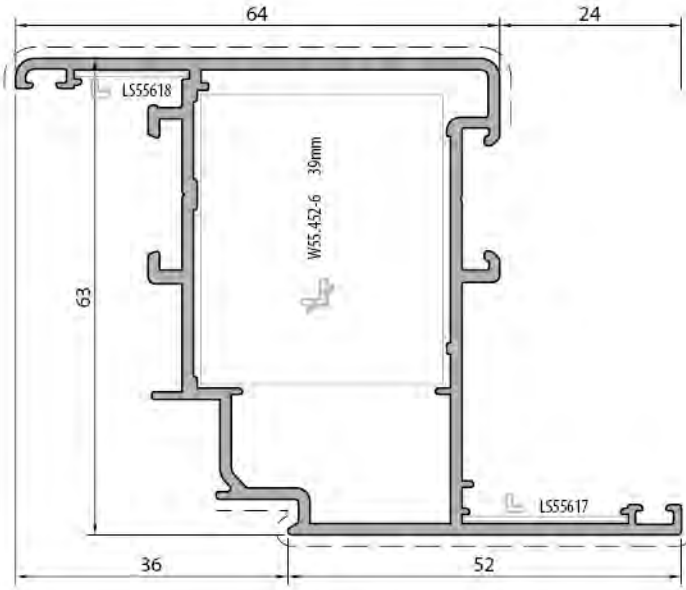


Kanat Profili (içe açılır) Sash profile (inward opening)	
W55.20.302	
Weight : 1,285 kg/m	
lx : 30,21 cm ⁴	Wx : 7,45 cm ³
ly : 8,78 cm ⁴	Wy : 2,68 cm ³

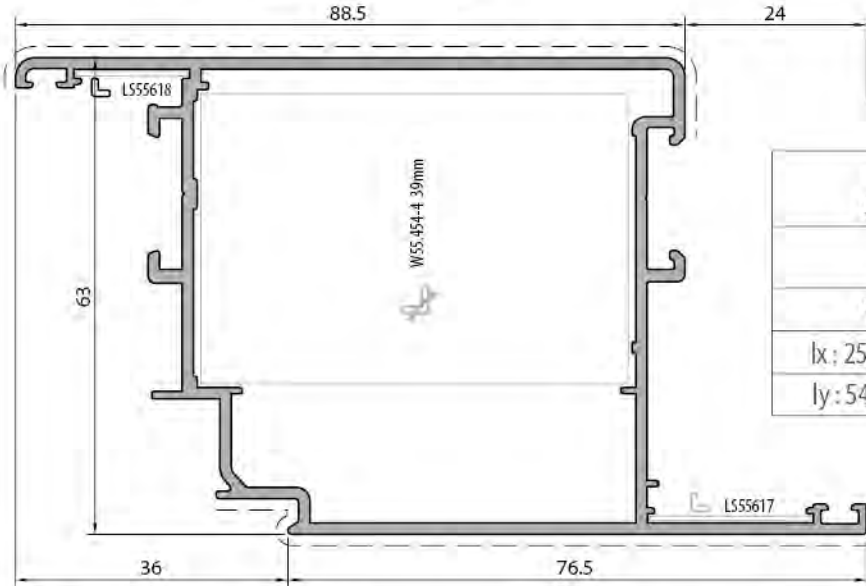


W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM

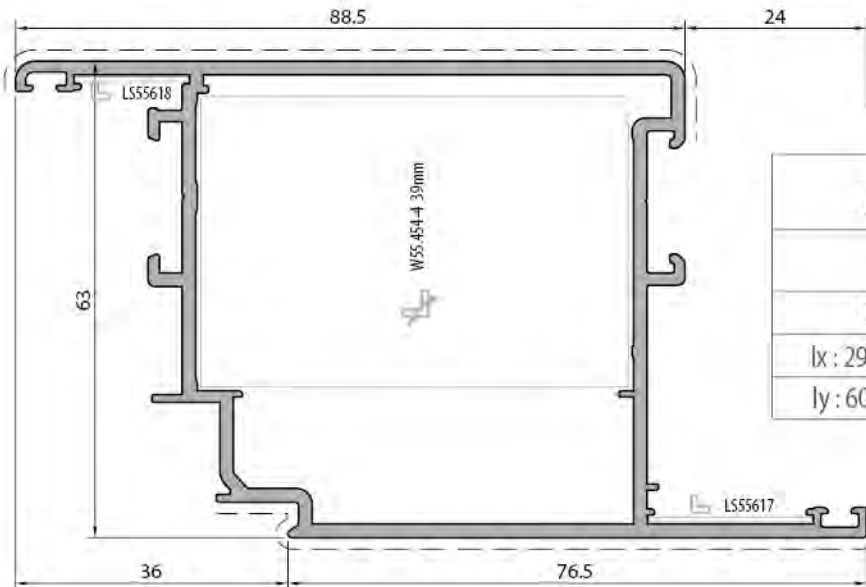
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kanat Profili (içe açılır) Sash profile (inward opening)	
W55.15.303	
Weight : 1,206 kg/m	
lx : 32,33 cm ⁴	Wx : 9,87 cm ³
ly : 12,61 cm ⁴	Wy : 2,76 cm ³

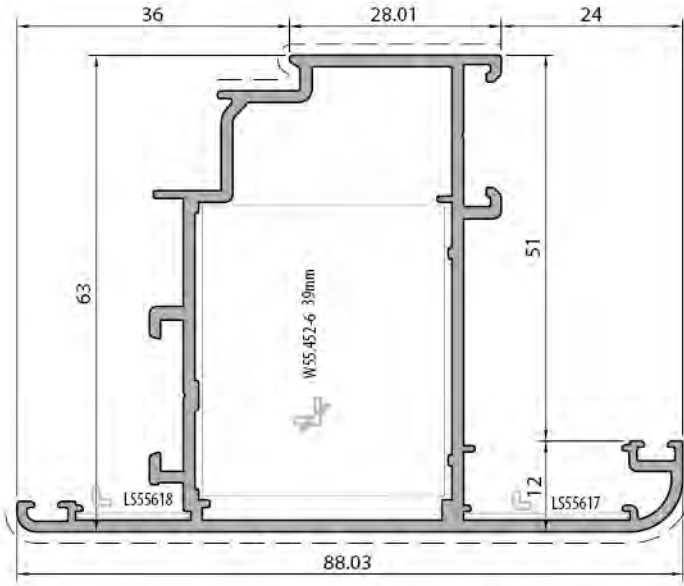
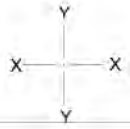


Kanat Profili (içe açılır) Sash profile (inward opening)	
W55.15.304	
Weight : 1,404 kg/m	
lx : 25,04 cm ⁴	Wx : 7,68 cm ³
ly : 54,37 cm ⁴	Wy : 9,37 cm ³



Kanat Profili (içe açılır) Sash profile (inward opening)	
W55.20.304	
Weight : 1,622 kg/m	
lx : 29,00 cm ⁴	Wx : 5,02 cm ³
ly : 60,62 cm ⁴	Wy : 18,64 cm ³

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Kanat Profili (dışa açılır)
Sash profile (outward opening)

W55.15.310

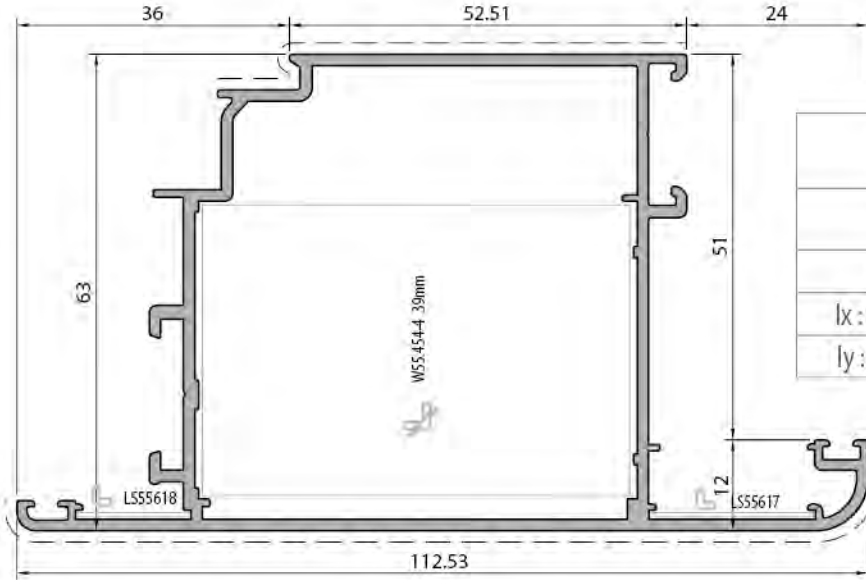
Weight : 1,239 kg/m

$I_x : 24,23 \text{ cm}^4$

$W_x : 6,26 \text{ cm}^3$

$I_y : 22,29 \text{ cm}^4$

$W_y : 5,03 \text{ cm}^3$



Kanat Profili (dışa açılır)
Sash profile (outward opening)

W55.15.311

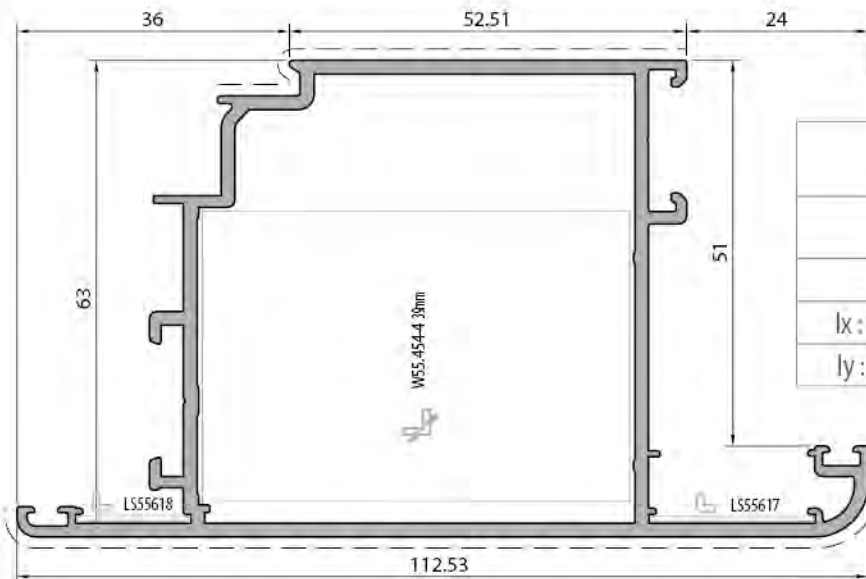
Weight : 1,442 kg/m

$I_x : 31,49 \text{ cm}^4$

$W_x : 8,35 \text{ cm}^3$

$I_y : 51,60 \text{ cm}^4$

$W_y : 9,14 \text{ cm}^3$



Kanat Profili (dışa açılır)
Sash profile (outward opening)

W55.20.311

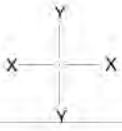
Weight : 1,652 kg/m

$I_x : 35,98 \text{ cm}^4$

$W_x : 9,59 \text{ cm}^3$

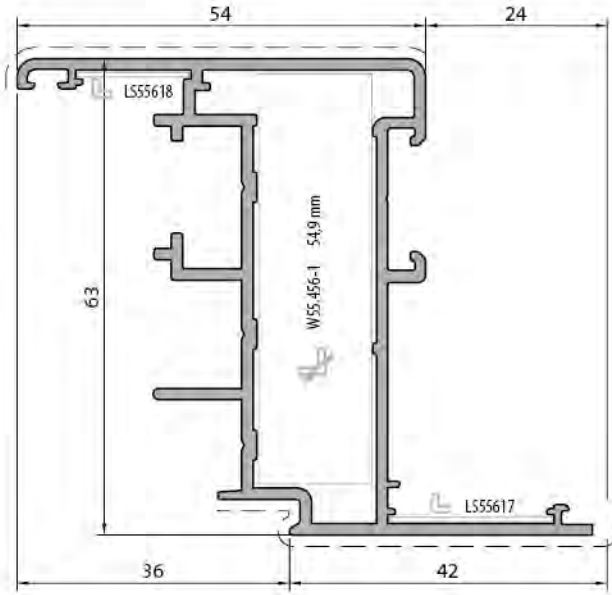
$I_y : 57,16 \text{ cm}^4$

$W_y : 10,14 \text{ cm}^3$

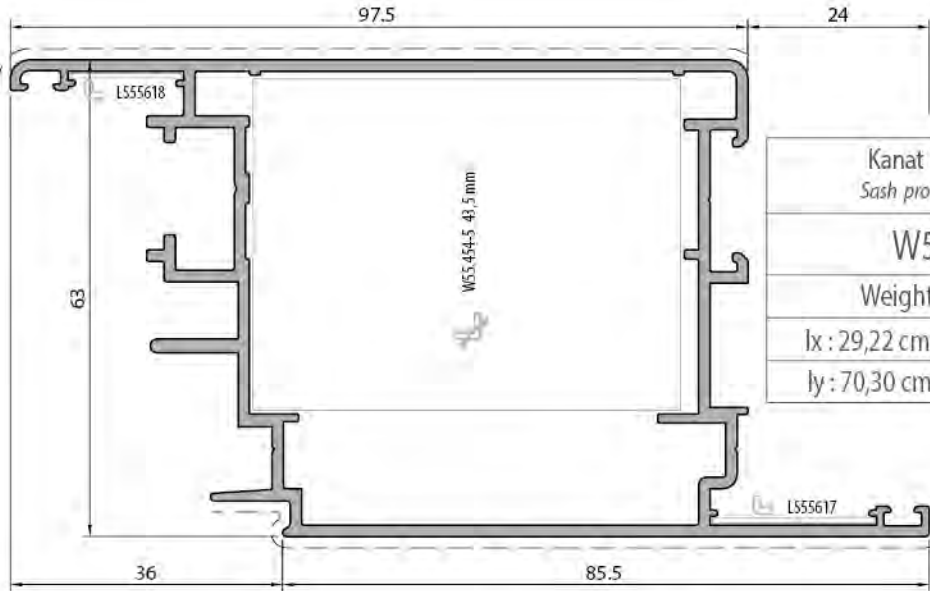


W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM

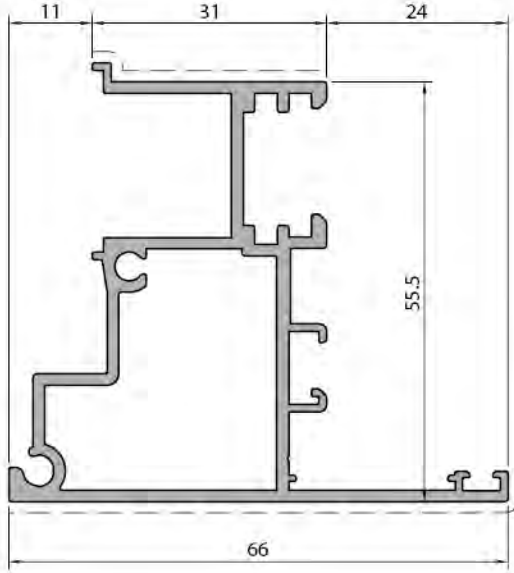
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kanat Profili (içe açılır) Sash profile (inward opening)	
W55.15.457	
Weight : 1,207 kg/m	
$I_x : 27,26 \text{ cm}^4$	$W_x : 6,76 \text{ cm}^3$
$I_y : 7,34 \text{ cm}^4$	$W_y : 2,20 \text{ cm}^3$



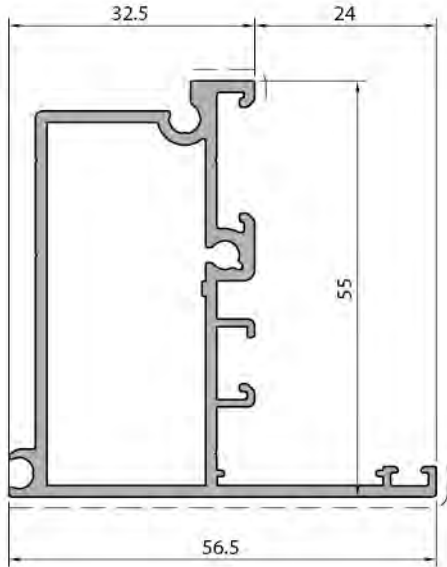
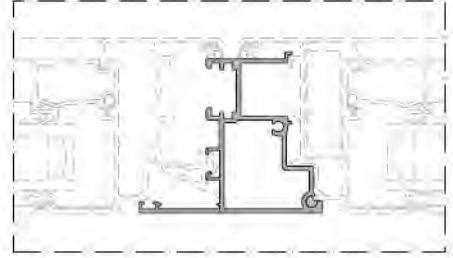
Kanat Profili (içe açılır) Sash profile (inward opening)	
W55.15.312	
Weight : 1,650 kg/m	
$I_x : 29,22 \text{ cm}^4$	$W_x : 4,69 \text{ cm}^3$
$I_y : 70,30 \text{ cm}^4$	$W_y : 21,70 \text{ cm}^3$



Çift Kanat Adaptör Profili
Double sash adapter profile

W55.15.401

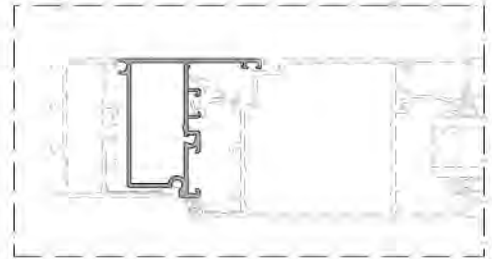
Weight : 1,088 kg/m

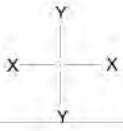


Kasa Adaptör Profili
Frame adapter profile

W55.15.402

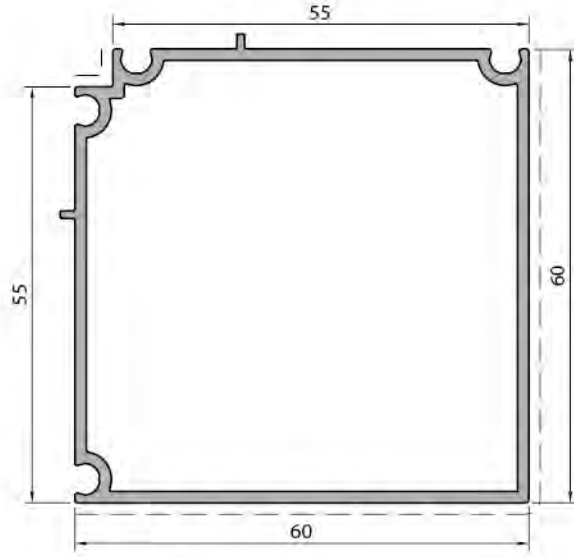
Weight : 0,925 kg/m





W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Köşe Profili / Corner profile 90°

W55.15.411

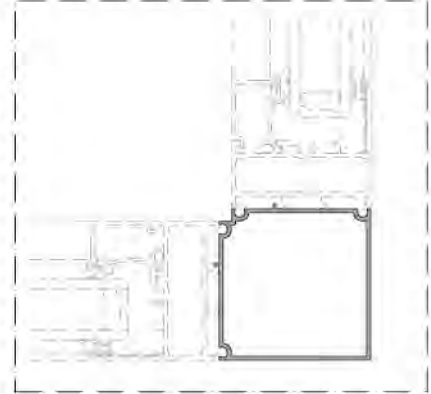
Weight : 0,988 kg/m

Ix : 20,66 cm⁴

Wx : 6,68 cm³

Iy : 20,32 cm⁴

Wy : 6,79 cm³



Köşe Profili / Corner profile 135°

W55.15.412

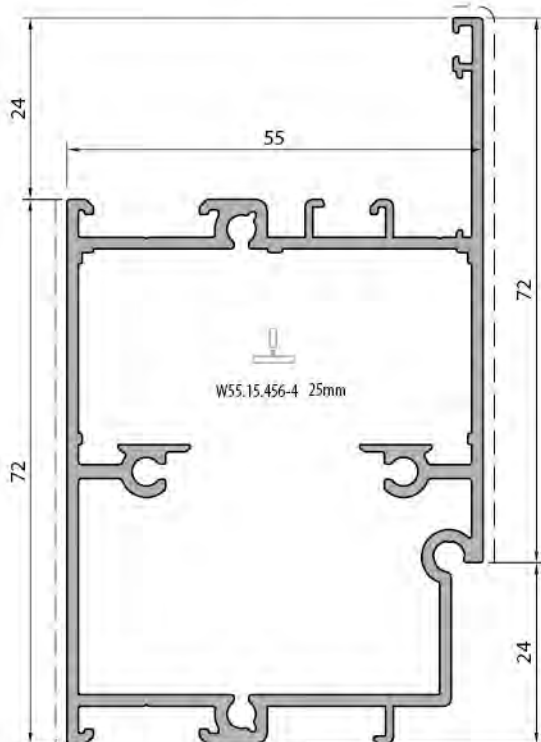
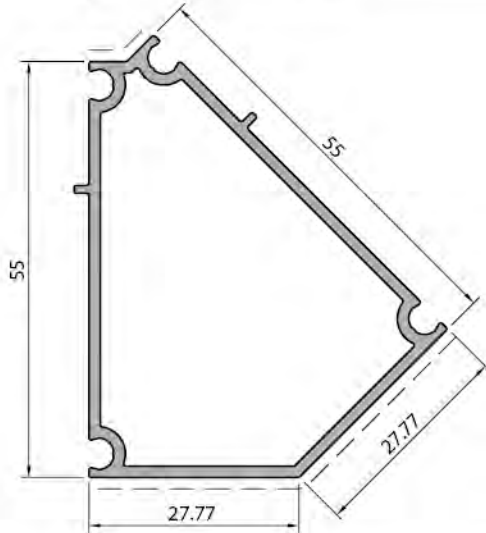
Weight : 0,729 kg/m

Ix : 10,15 cm⁴

Wx : 3,05 cm³

Iy : 5,70 cm⁴

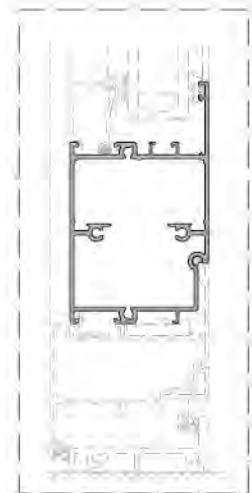
Wy : 2,23 cm³



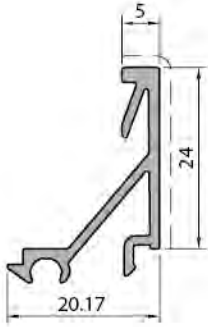
Kapı Altı Adaptör Profili
Bottom door adapter profile

W55.15.417

Weight : 1,542 kg/m



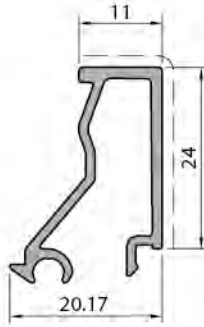
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Cam Çıtası Profili
Glazing bead profile

LS55430

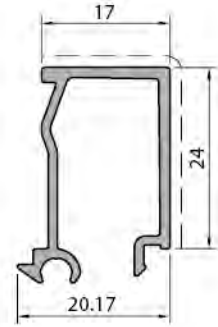
Weight : 0,258 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55431

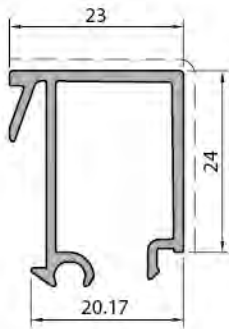
Weight : 0,282 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55432

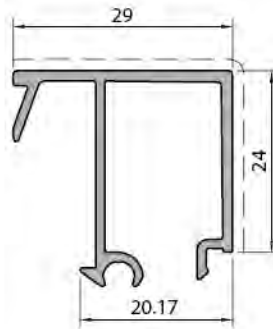
Weight : 0,294 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55433

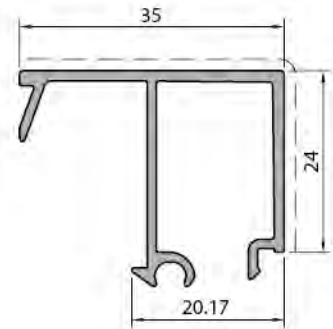
Weight : 0,341 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55434

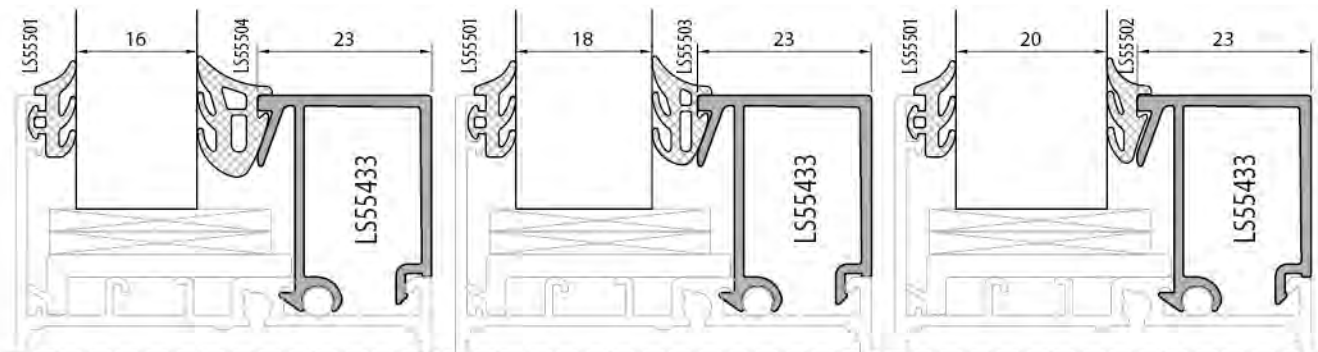
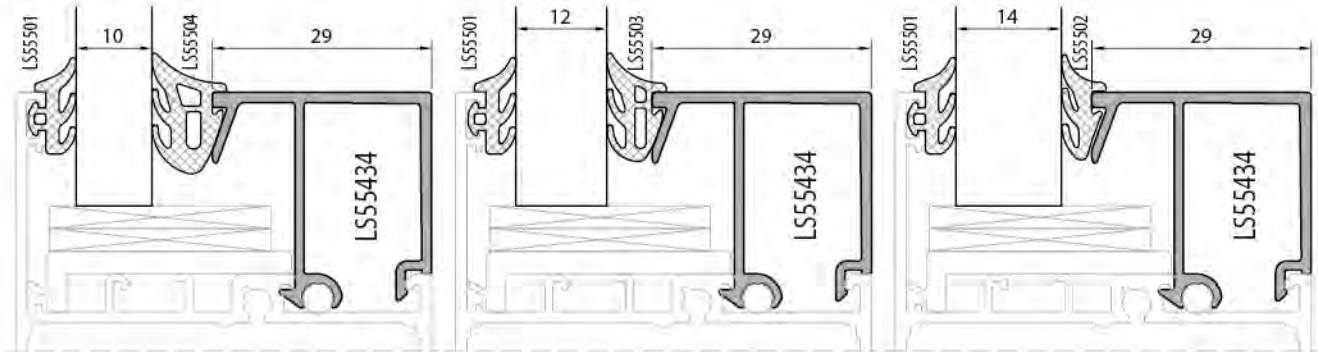
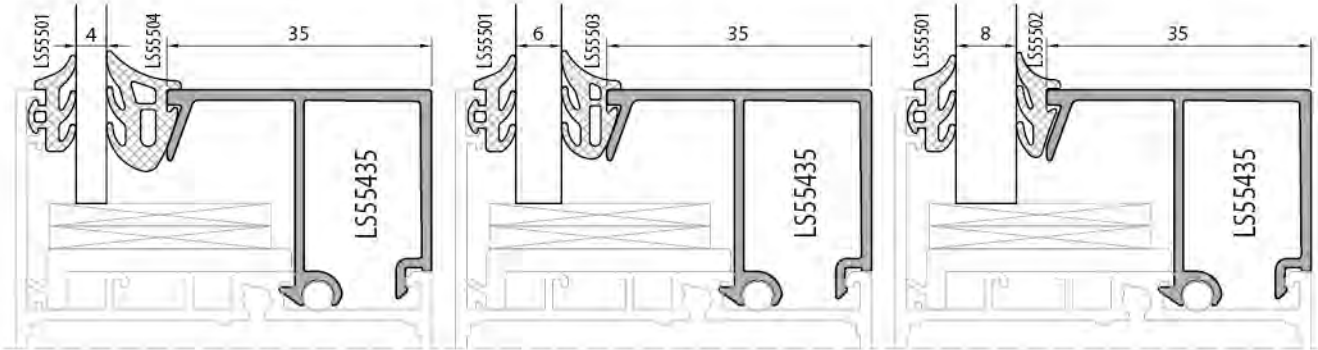
Weight : 0,363 kg/m

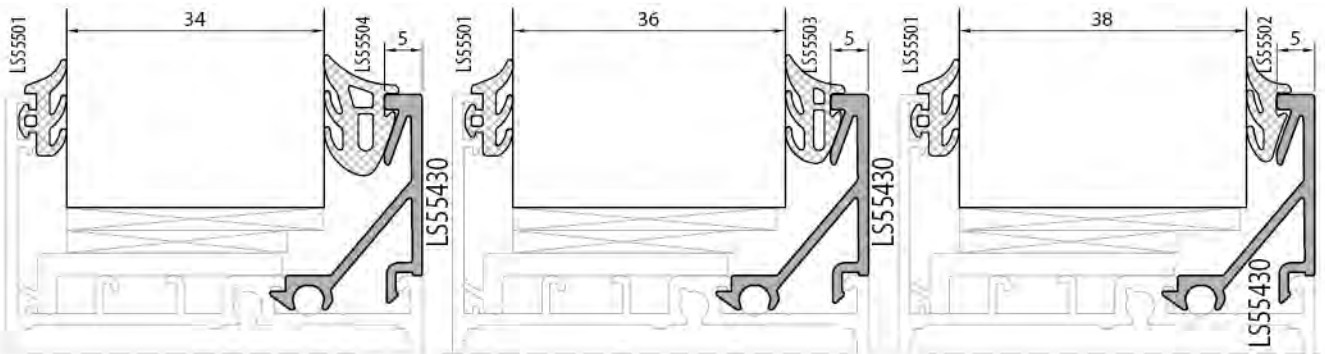
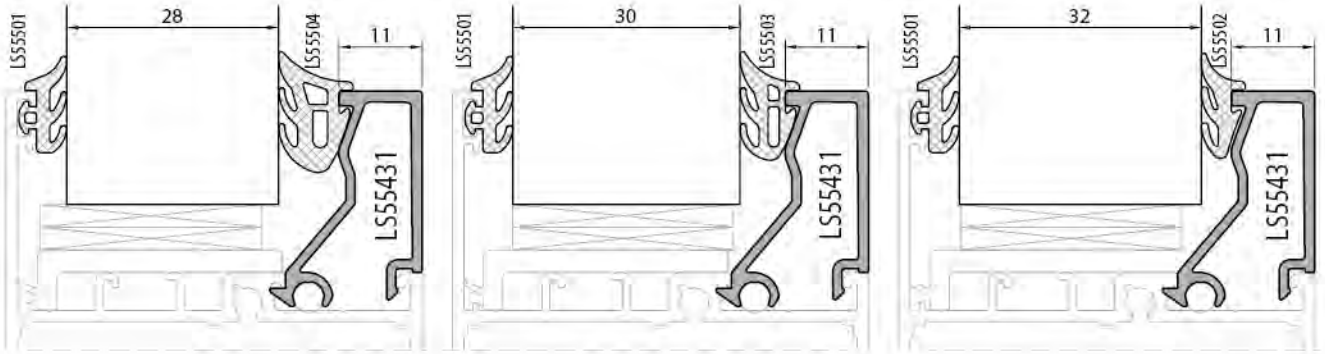
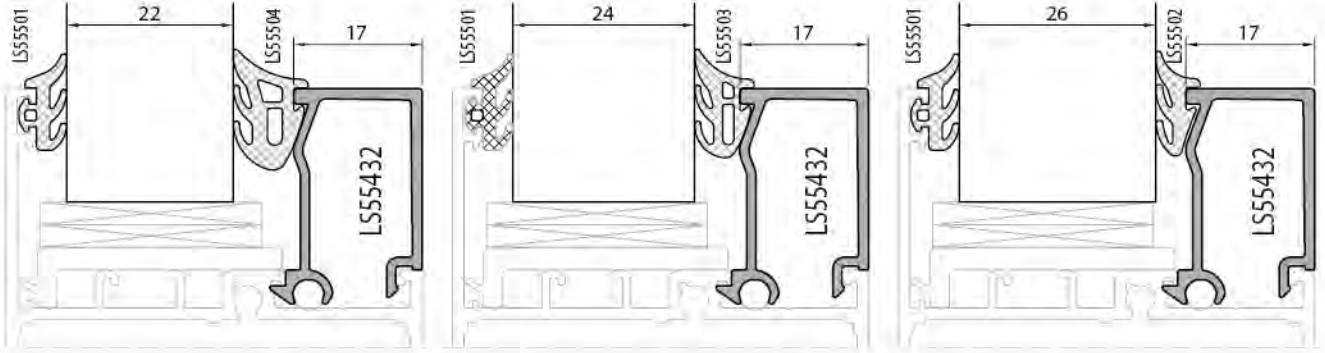


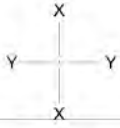
Cam Çıtası Profili
Glazing bead profile

LS55435

Weight : 0,385 kg/m

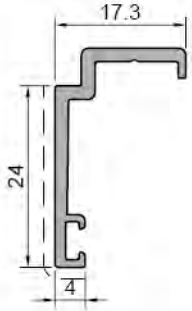






W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM

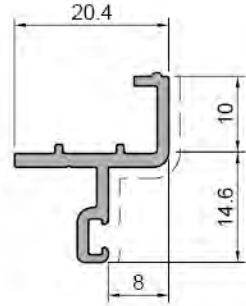
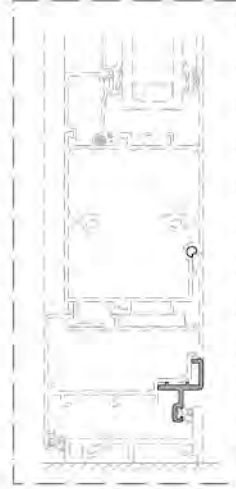
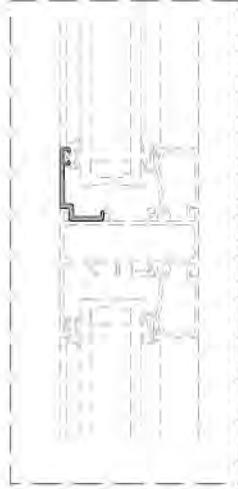
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Cam Dış Çerçeve Profili
Glass outer frame profile

W55+15.420

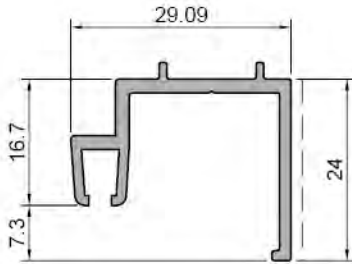
Weight : 0,225 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.421

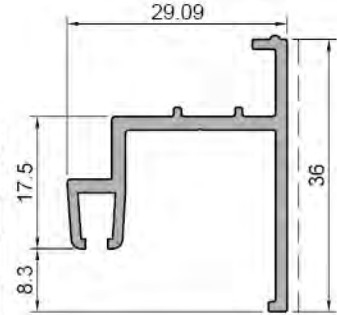
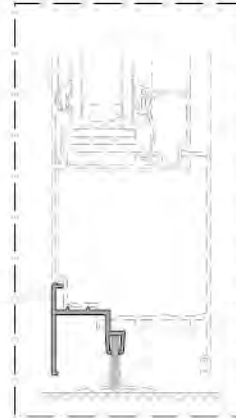
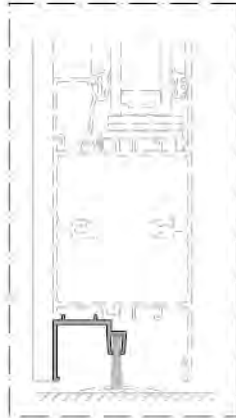
Weight : 0,225 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.422

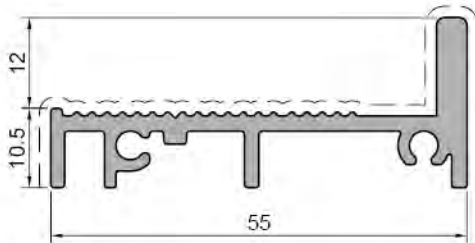
Weight : 0,337 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.423

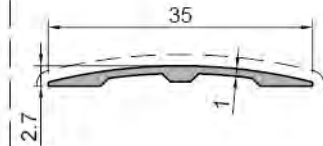
Weight : 0,397 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55.15.424

Weight : 0,689 kg/m

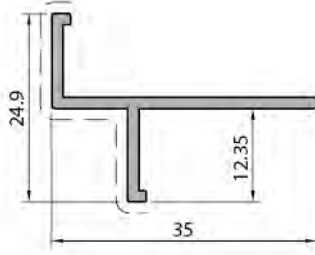


Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.425

Weight : 0,119 kg/m

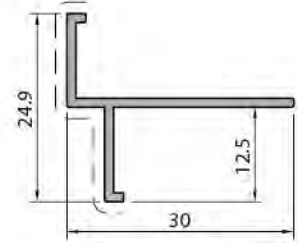
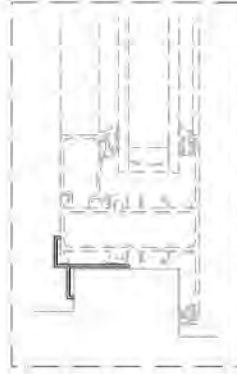
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.



Kasa İçi Çerçeve Profili
Internal frame profile

W55+15.430

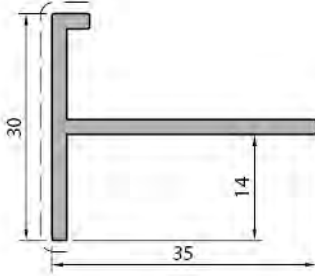
Weight : 0,250 kg/m



Kasa İçi Çerçeve Profili
Internal frame profile

W55+15.431

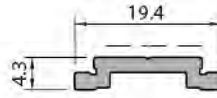
Weight : 0,185 kg/m



Kasa İçi Çerçeve Profili
Internal frame profile

W55+15.432

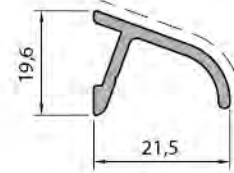
Weight : 0,360 kg/m



Tij Profili
Rod profile

W55+15.434

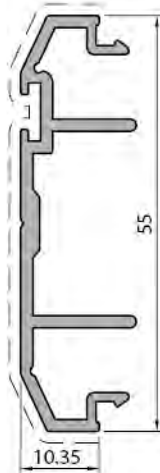
Weight : 0,130 kg/m



Damlalık Profili
Drip profile

W55+15.435

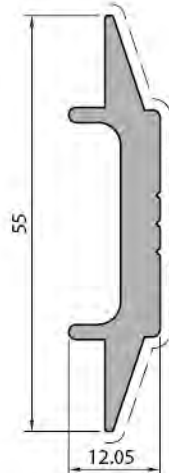
Weight : 0,143 kg/m



Çarpma Kapı Adaptör Profili
Impact door adapter profile

W55.15.460

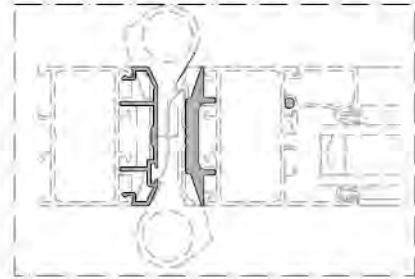
Weight : 0,360 kg/m

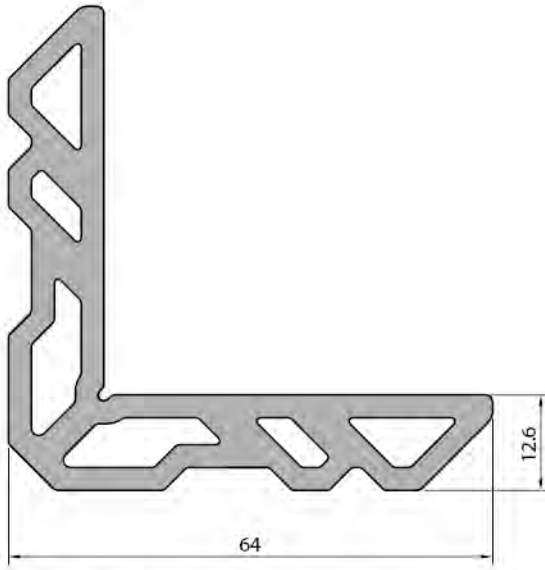


Çarpma Kapı Adaptör Profili
Impact door adapter profile

W55.15.461

Weight : 0,360 kg/m





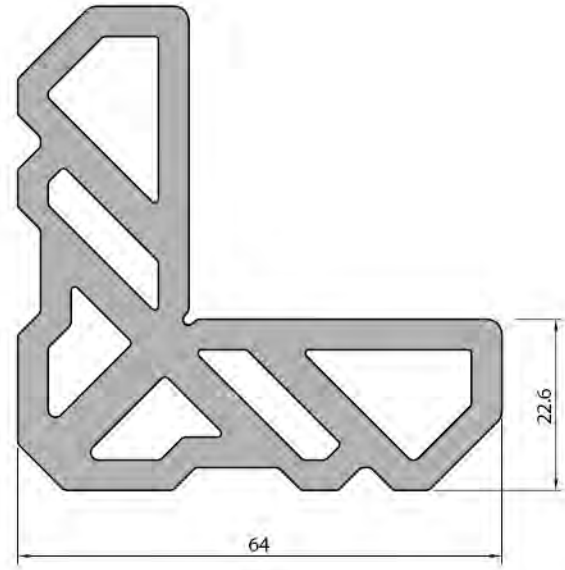
Kasa-Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.450

Weight : 2,356 kg/m

W55.450-5 50,6 mm

W55.450-6 39 mm



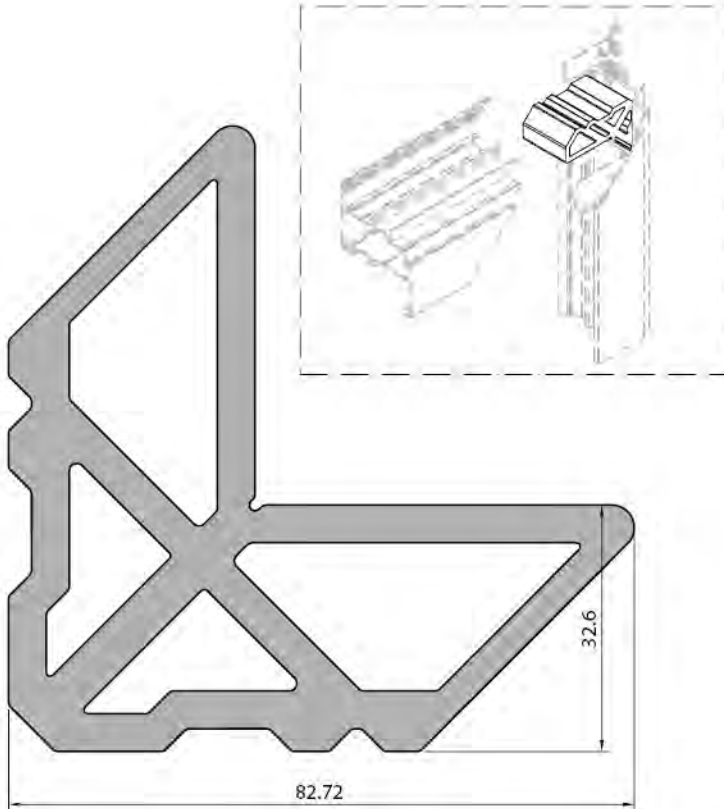
Kasa-Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.451

Weight : 3,694 kg/m

W55.451-5 50,6 mm

W55.451-6 39 mm



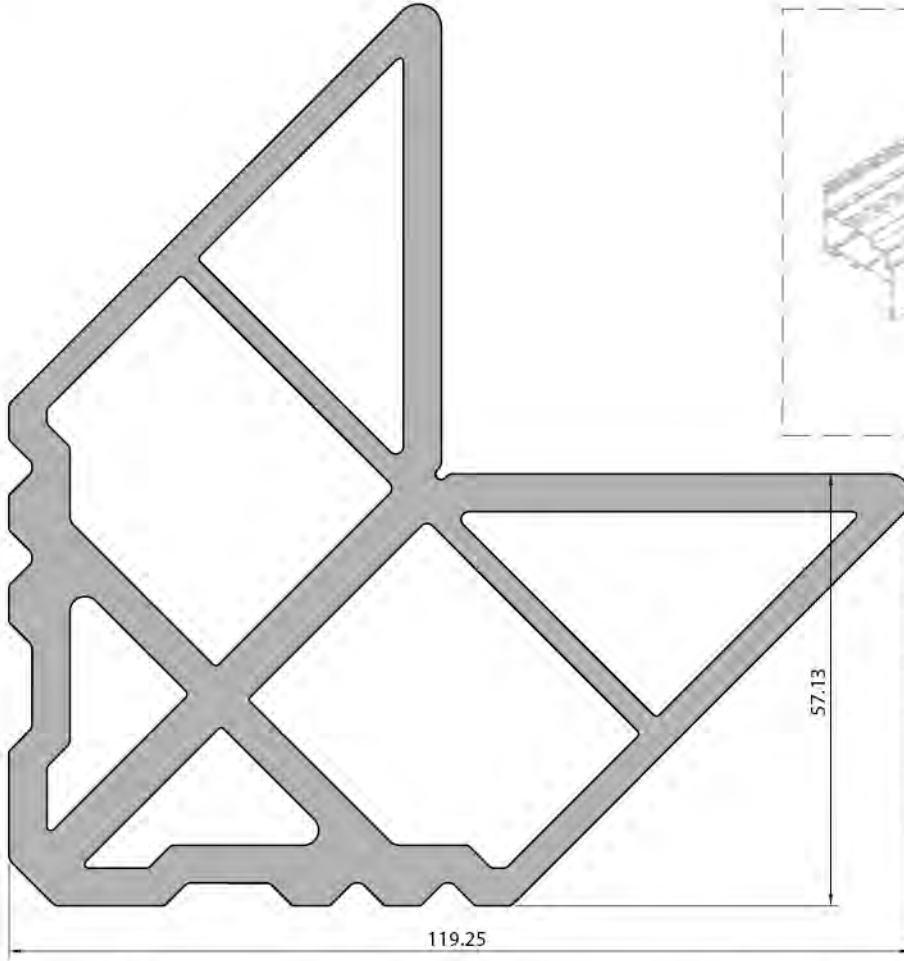
Kasa-Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.452

Weight : 4,909 kg/m

W55.452-5 50,6 mm

W55.452-6 39 mm



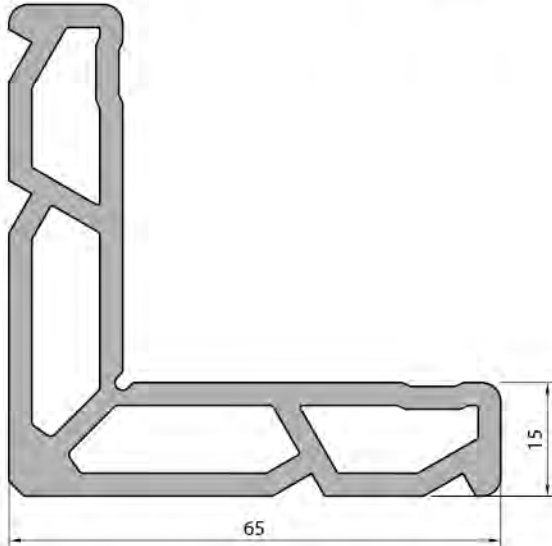
Kasa-Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.454

Weight : 7,665 kg/m

W55.454-4 39 mm

W55.454-5 43,5 mm

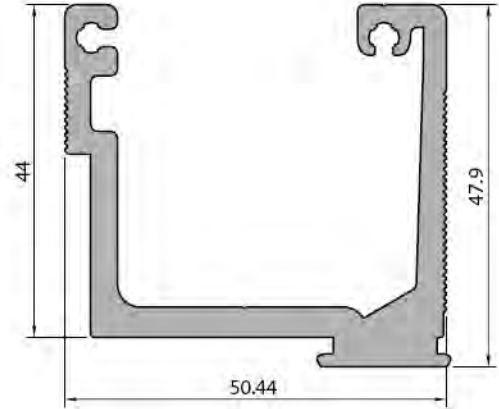


Kasa-Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.456

Weight : 2,327 kg/m

W55.456-1 54,9 mm



Orta Kayıt Bağlantı
Mullion connection

W55.15.456

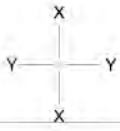
Weight : 1,582 kg/m

W55.15.456-1 12,5 mm

W55.15.456-2 22,5 mm

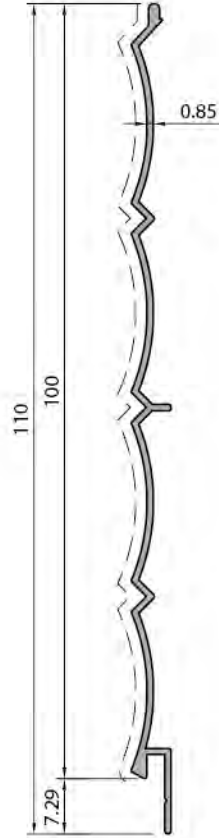
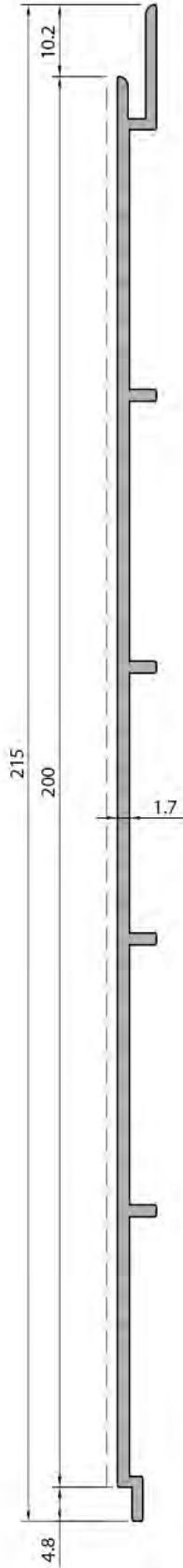
W55.15.456-3 32,6 mm

W55.15.456-4 25 mm



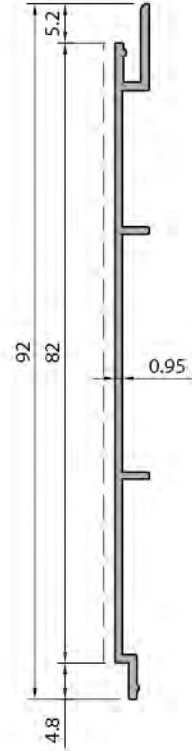
W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

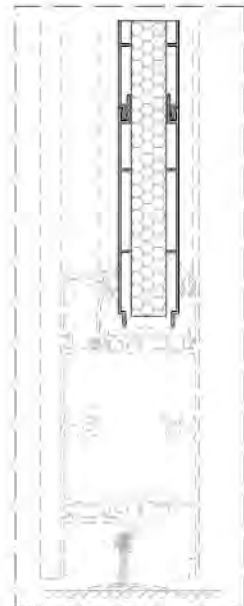


Lambri Profili Wainscot profile
W55+15.437
Weight : 0,305 kg/m

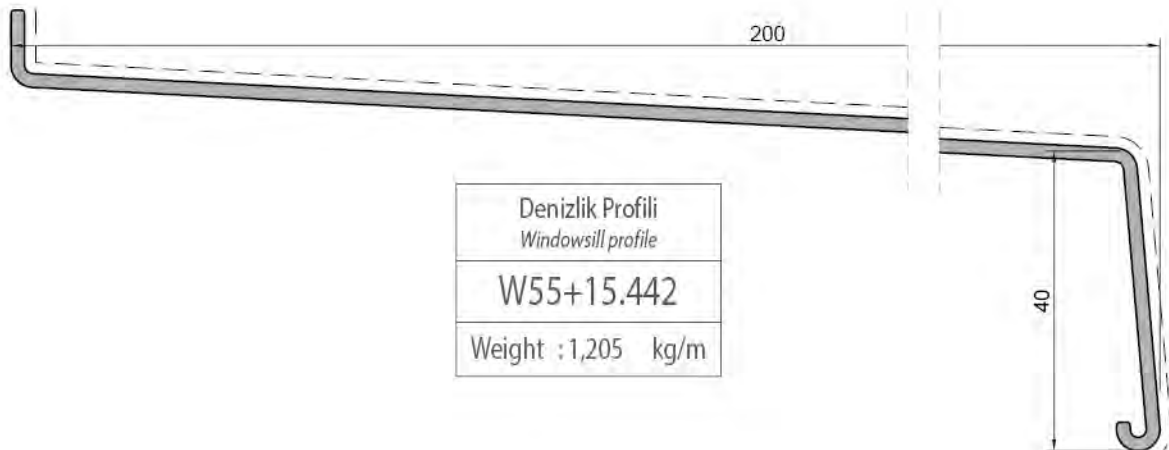
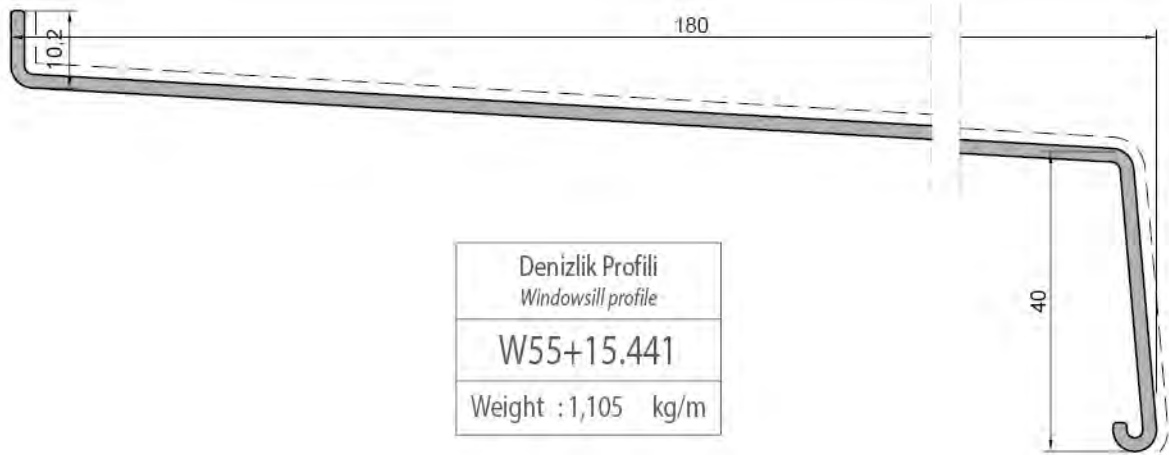
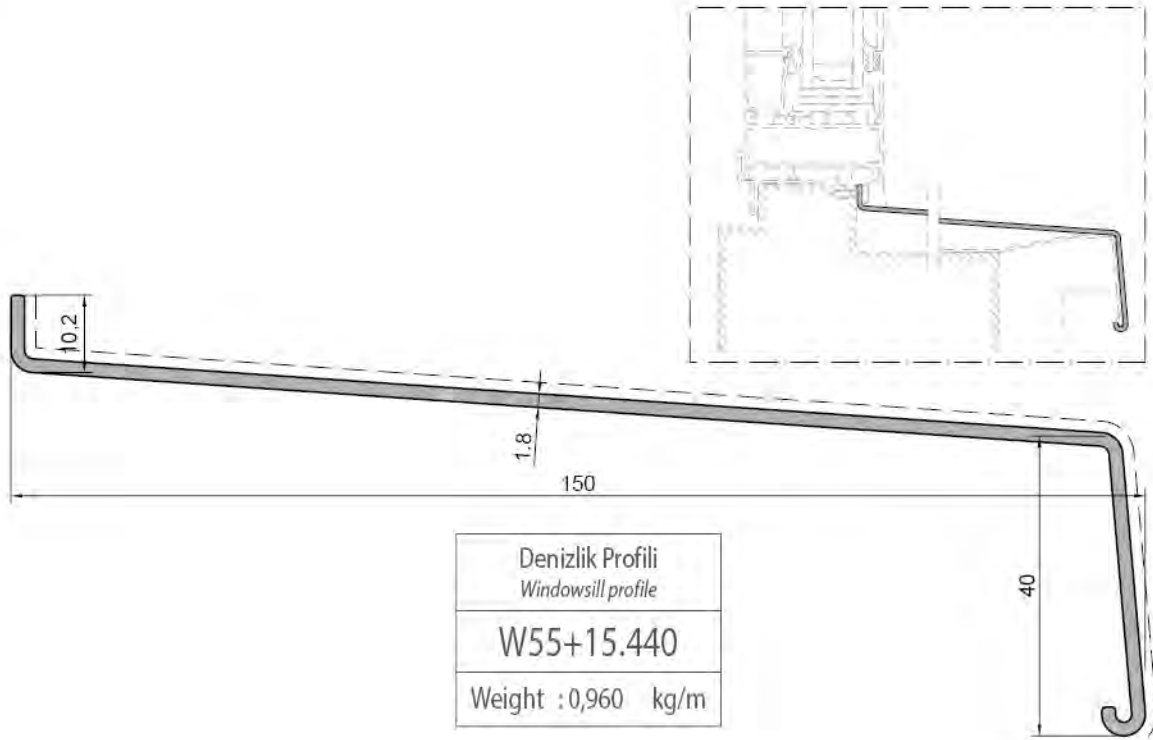
Lambri Profili Wainscot profile
W55+15.436
Weight : 1,095 kg/m



Lambri Profili Wainscot profile
W55+15.438
Weight : 0,295 kg/m



Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.



W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM**ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES**

Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
LS55501		epdm cam dış fitil glazing gasket outside	55 gr/m	12 kg	220 m	
LS55502		epdm cam iç fitil glazing gasket inside	52 gr/m	12 kg	230 m	
LS55503		epdm cam iç fitil glazing gasket inside	80 gr/m	12 kg	150 m	
LS55504		epdm cam iç fitil glazing gasket inside	92 gr/m	12 kg	130 m	
W55.501		epdm iç bini fitil inside acoustic gasket	26 gr/m	12 kg	460 m	
W55.502		epdm tozluk içv fitil epdm central gasket	147 gr/m	10 kg	68 m	
W55.503		epdm tozluk iç fitil vulkanize köşe epdm central gasket vulcanised corner	—	—	50 ad./pk 50 pcs/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

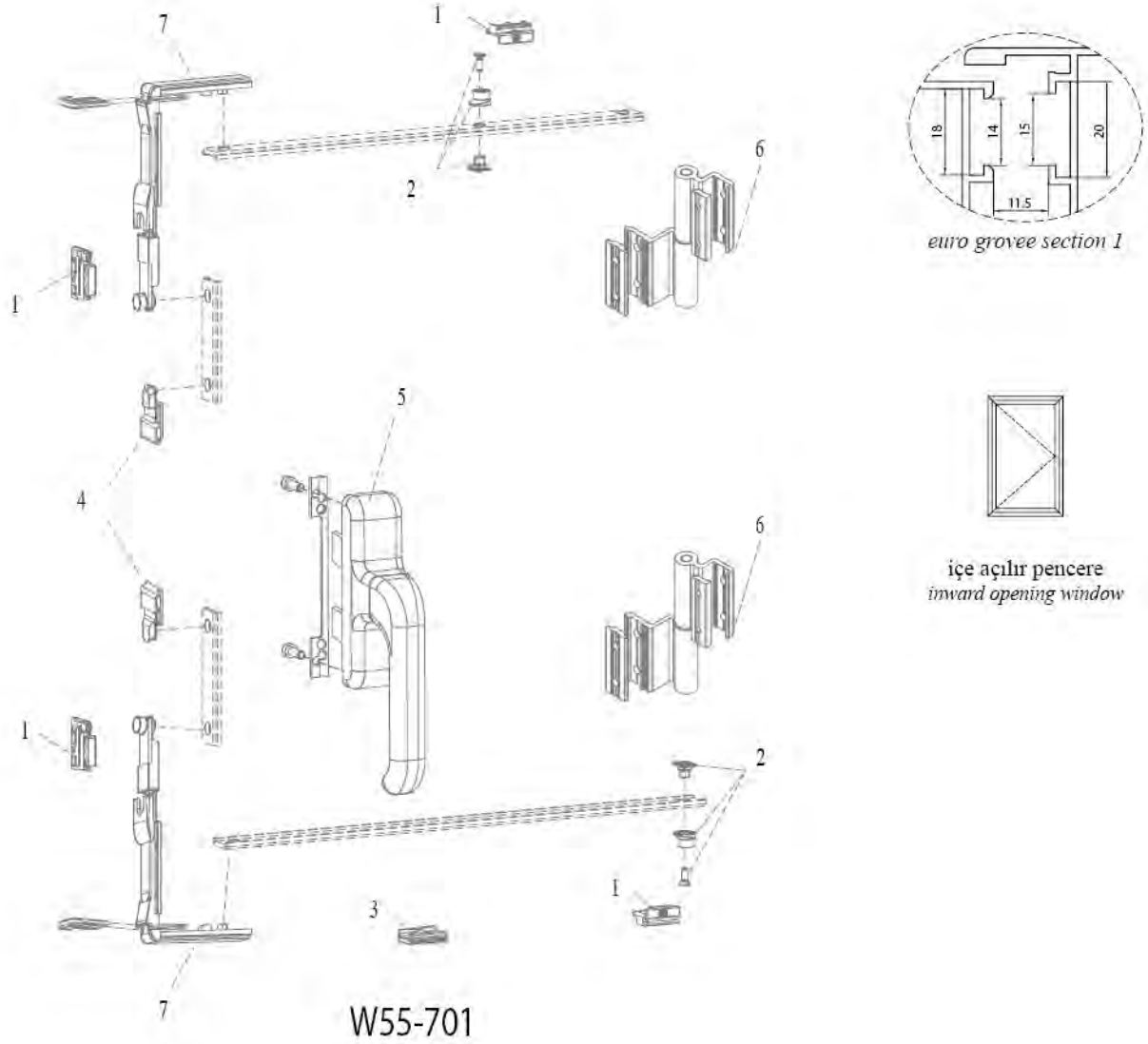
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
W55.511		epdm fitil epdm gasket	18 gr/m	10 kg	555 m	
W55.514		epdm dış bini fitil outside acoustic gasket	19 gr/m	10 kg	526 m	
W55.515		epdm iç bini fitil inside acoustic gasket	26 gr/m	12 kg	460 m	

W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
W55.606		çift kanat adaptör kapak adapter cover for double sash euro groove (set)	20 pcs/pk	
LS55614		su tahliye kapağı water drainage plug	200 pcs/pk	
LS55617		köşe onbaşı corner cleat	200 pcs/pk	
LS55618		köşe onbaşı corner cleat	200 pcs/pk	
W55.610		pvc cam destek takoz pvc glazing support cleat	3,0 m 20 pcs/pk	
LS55521		perdeli fırça fitil webbed brush gasket	250 m/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



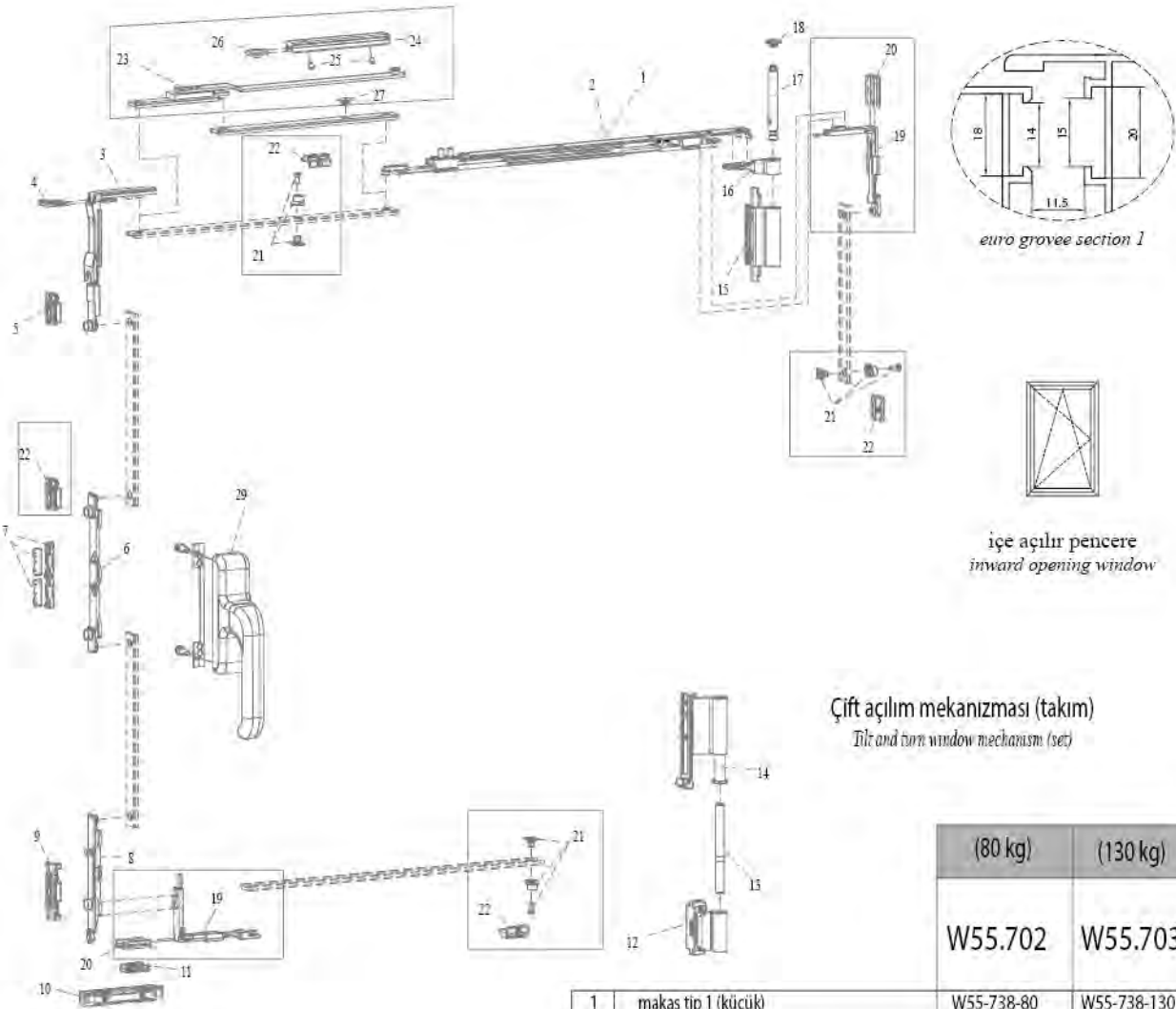
Normal açılım mekanizması (takım)
Opening window mechanism (set)

W55-701	1	Pim karşılığı	W55-731
	2	Ayarlı karşılık	W55-733
	3	Kanat sarkma takozu	W55-740
	4	Tij bağlantı pabucu	W55-732
	5	Çift dilli kol	W55-761
	6	Menteşe	W55-770
	7	Köşe dönme	W55-730



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



W55.702 (80kg)

W55.702-1 (80kg)
ithal (import)

W55.703 (130kg)

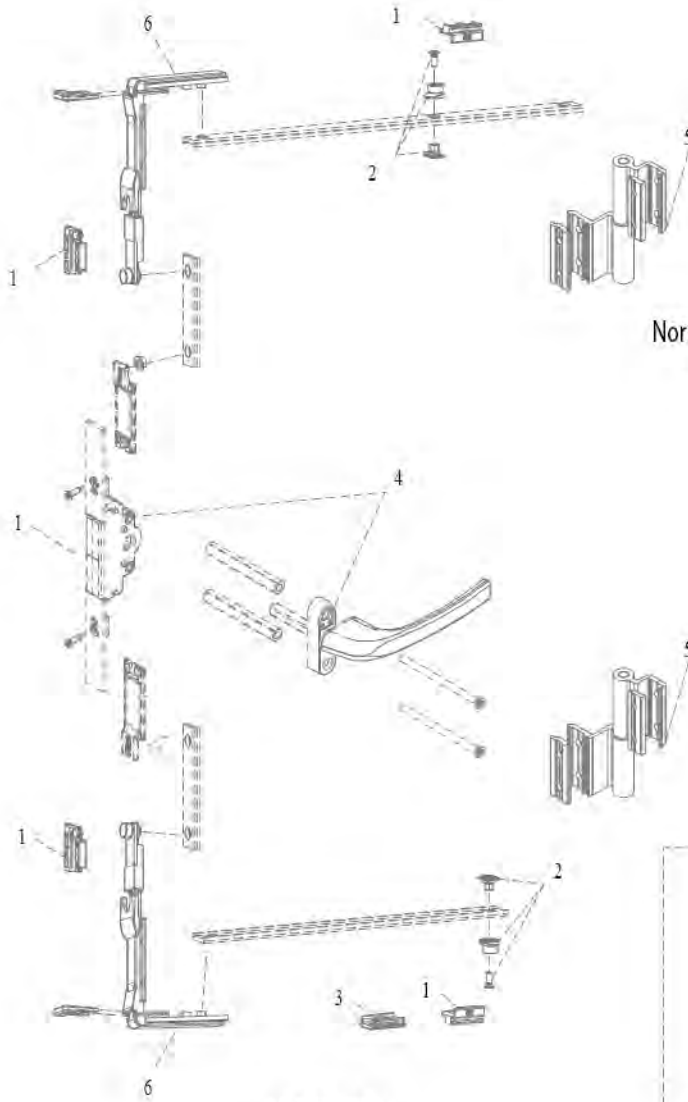
W55.703-1 (130kg)
ithal (import)



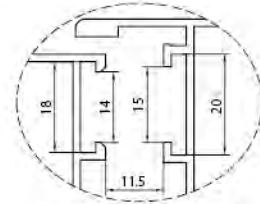
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

1	makas tip 1 (küçük)	W55-738-80	W55-738-130
2	makas tip 2 (büyük)	W55-739-80	W55-739-130
3	koşe dönme	W55-722	W55-722
4	koşe dönme sabitleme klipsi		
5	karşılık		
6	kol karşılığı		
7	hatalı kullanım öneme karşılığı		
7	8-10mm ayar şimi		
8	sürgü		
9	karşılık	W55-721	W55-720
10	çift sürgü karşılık		
11	dinlendirme takozu		
12	dip menteşe erkek kısmı		
13	dip menteşe pimi		
14	üst menteşe dişi kısmı		
15	üst menteşe erkek kısmı		
16	üst menteşe dişi kısmı		
17	üst menteşe pimi		
18	üst menteşe stoper kapak	W55-763	W55-763
29	euro 900 çift açılım kolü		
		+	+
		> 80kg	> 130kg

İLAVE ARKA KÜTLEME	19	ilave köşe dönme	W55-723	W55-723
	20	ilave köşe dönme sabitleme klipsi		
	21	kilitleme pimi		
	22	ayarlı karşılık		
İLAVE MAKAS	23	ilave makas		W55-735
	24	ilave makas kılavuzu		
	25	klavuz vidaları		
	26	ayarlı stoper		
	27	makas destek bloğu		



W55-706



euro groove section 1

Normal açılım mekanizması (takım)

Opening window mechanism (set)



dışa açılır pencere
outward opening window



W55-707

kapı kilit mekanizması
door locking mechanism



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

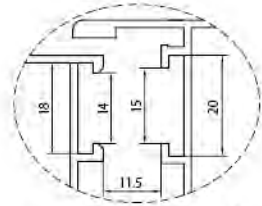
W55-706	1	Pim karşılığı	W55-731
	2	Ayarlı karşılık	W55-733
	3	Kanat sarkma takozu	W55-740
	4	Mekanizma+kol	W55-748
	5	Menteşe	W55-770
	6	Köşe dönme	W55-730

+
> 1200 x 1400 mm



Çift açılım pencere üst menteşesi (130kg)
Tilt and turn window top hinge (130kg)

W55.720



euro groove section 1

Çift açılım pencere üst menteşesi (80kg)
Tilt and turn window top hinge (80kg)

W55.721



Çift açılım kilitleme mekanizması
Tilt and turn base mechanism

W55.722

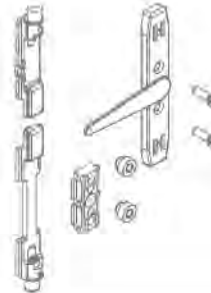


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



Çift açılım ilave kilitleme
Tilt and turn annex set

W55.723



İkinci kanat sürgü seti
Two-way lever push bolt

W55.724



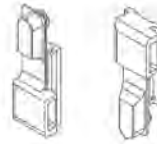
Köşe hareket aktarıcı
Corner transmission for window

W55.730



Pim karşılığı
Adjustable single striker

W55.731



Tij bağlantı pabucu
Connection blocks

W55.732



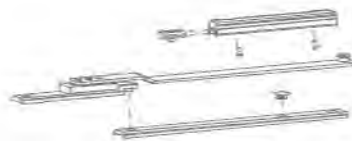
Pim
Pin

W55.733



Ayarlanabilir pim
Adjustable fastening pawl

W55.734



Çift açılım ilave makas
Tilt and turn annex arm

W55.735



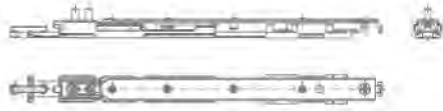
Kol karşılığı
Cremone drive

W55.736



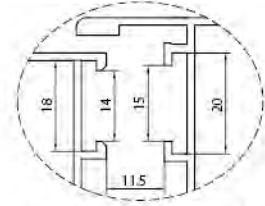
Sürgü ucu
Bolt tip

W55.737

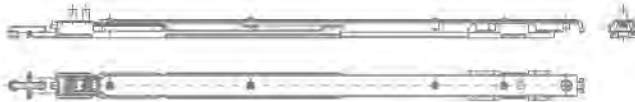


Çift açılım küçük makas (80kg)
Tilt and turn short arm (80kg)
W55.738-80

Çift açılım küçük makas (130kg)
Tilt and turn short arm (130kg)
W55.738-130



euro groove section 1



Çift açılım büyük makas (80kg)
Tilt and turn long arm (80kg)
W55.739-80

Çift açılım büyük makas (130kg)
Tilt and turn long arm (130kg)
W55.739-130



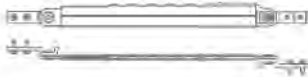
Kanat sarkma takozu
Sash rise stopper
W55.740



Çiftli sürgü karşılığı
Double keeper
W55.741



Kanat düşüş karşılığı
Sash drop keeper
W55.742



Kademeli teleskopik makas (inox)
Stepped telescopic arm
W55.743



Vasistas makası
Arm for bottom-hung window
W55.744



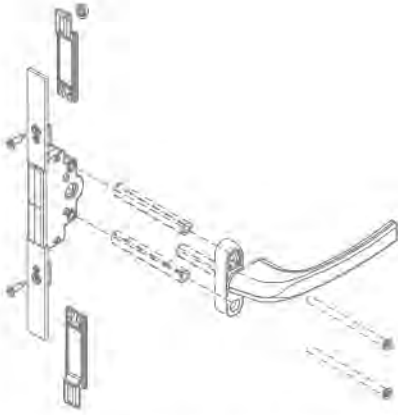
Vasistas çit çit
Catch for bottom-hung window
W55.745



Kapı sürgüsü
Door lever bolt
W55.746

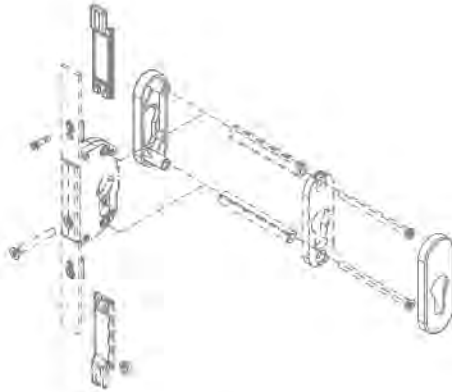


Kapı altı fırçası
Door brush
W55.747



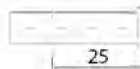
Dışa açılır pencere-kapı mekanizması
Outward opening window-door mechanism

W55.748



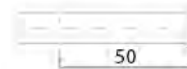
Dışa açılır kapı kilit mekanizması
Outward opening door locking mechanism

W55.749



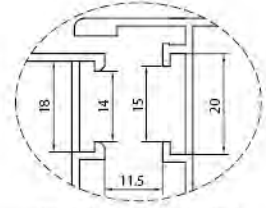
Dışa açılır kapı mekanizması
Outward opening door mechanism

W55.751



Dışa açılır kapı mekanizması
Outward opening door mechanism

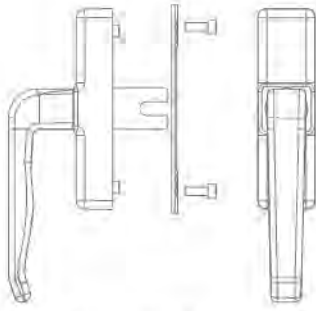
W55.750



euro groove section 1

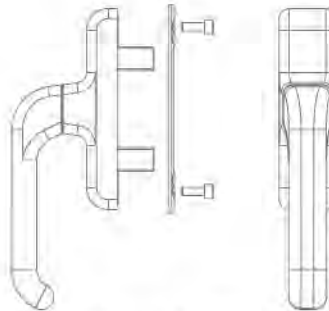


dışa açılır pencere-kapı
outward opening window-door



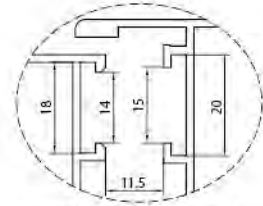
Tek maçalı normal açılım pencere kolu
Opening window handle

W55.760

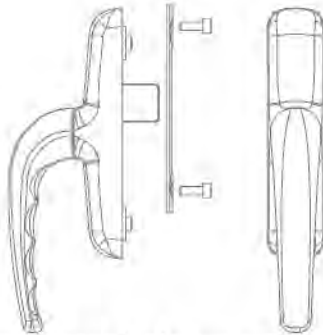


Çift maçalı normal açılım pencere kolu
Opening window handle

W55.761



euro groove section 1



Tek maçalı normal açılım pencere kolu (ithal)
Opening window handle (import)

W55.760-1

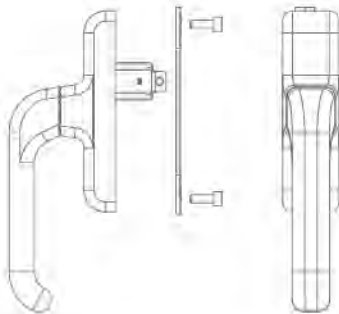


Anahtarlı eksenel kol
Key lockable window handle

W55.762

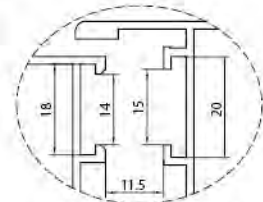
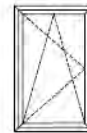


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed

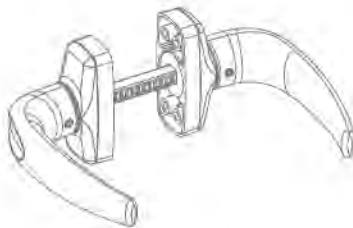


Çift açılım pencere kolu
Tilt and turn opening window handle

W55.763

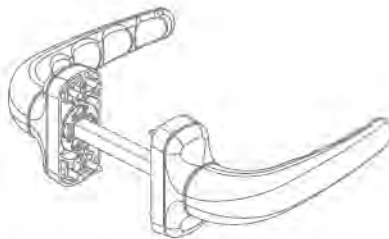


euro groove section 1



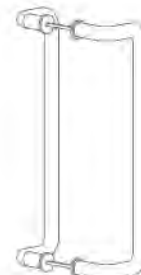
Prima kapı kolu
Prima door handle

W55.764



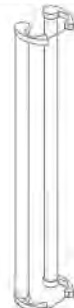
Prima kapı kolu (ithal)
Prima door handle (import)

W55.764-1



Kıvrık kapı kolu
Door handle

W55.765



Akbank kapı kolu
Door handle

W55.763



W55.770

İki yapraklı pencere menteşesi
Two leaves window hinge



max.80 kg

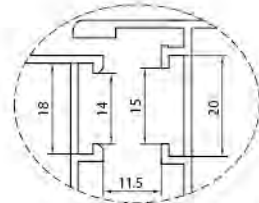


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

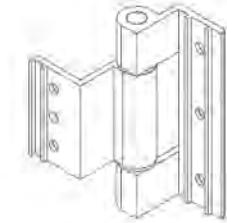


max.80 kg

W55.770-1
ithal (import)



euro groove section 1



W55.771

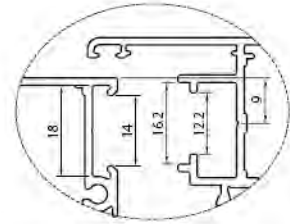
Üç yapraklı normal açılım pencere menteşesi
Three leaves window hinge



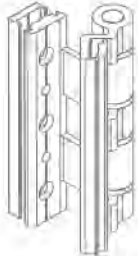
max.80 kg



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



pvc groove section 9mm



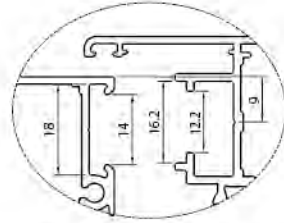
W55.773
Üç yapraklı kapı menteşesi
Three leaves door hinge



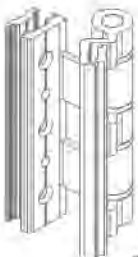
max.100 kg



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



pvc groove section 9mm



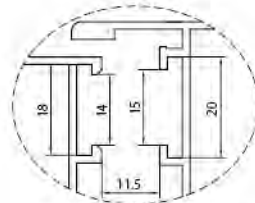
W55.774
Üç yapraklı kapı menteşesi
Three leaves door hinge



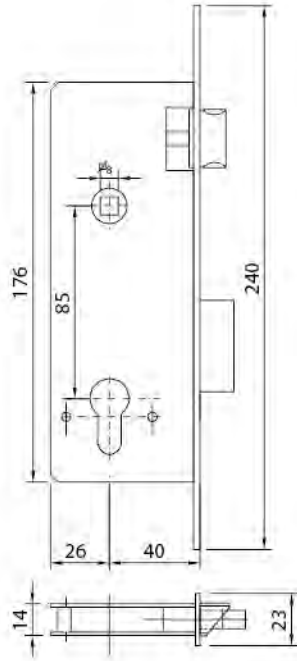
max.100 kg



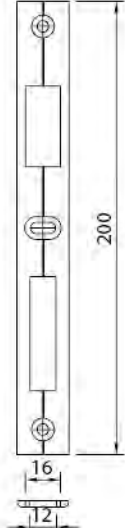
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



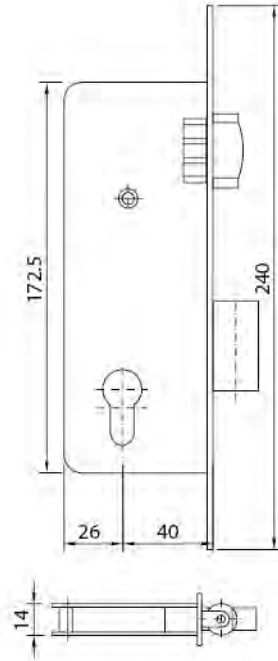
euro groove section 1



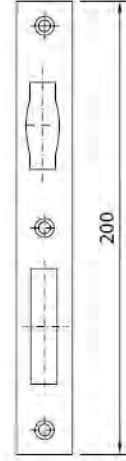
W55.780
Geniş kilit(dilli)
Wide type lock (bolt)



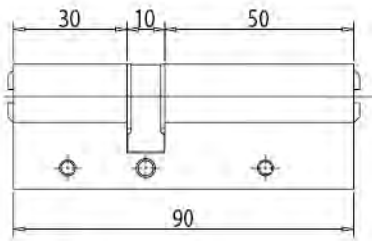
W55.781
Kilit karşılığı
Lock plate



W55.782
Geniş kilit(makaralı)
Wide type lock (roller)



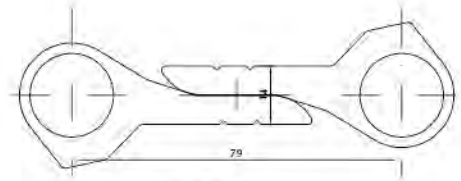
W55.783
Kilit karşılığı
Lock plate



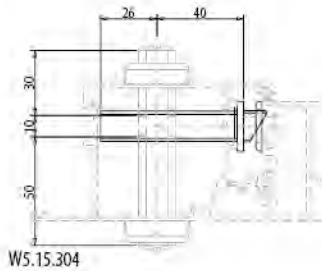
W55.784
Barel
Cylinders



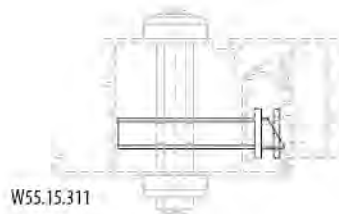
W55.785
Barel rozeti
Cylinder cover



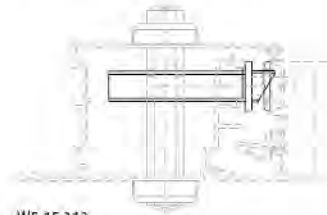
W55.786
Çarpma kapı menteşesi
Swinging door hinges



W5.15.304



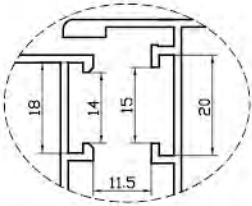
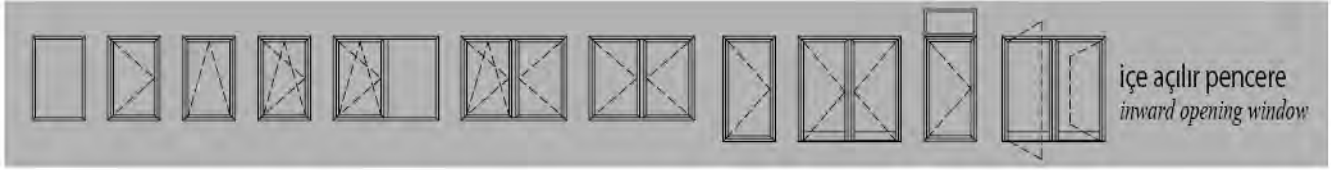
W55.15.311



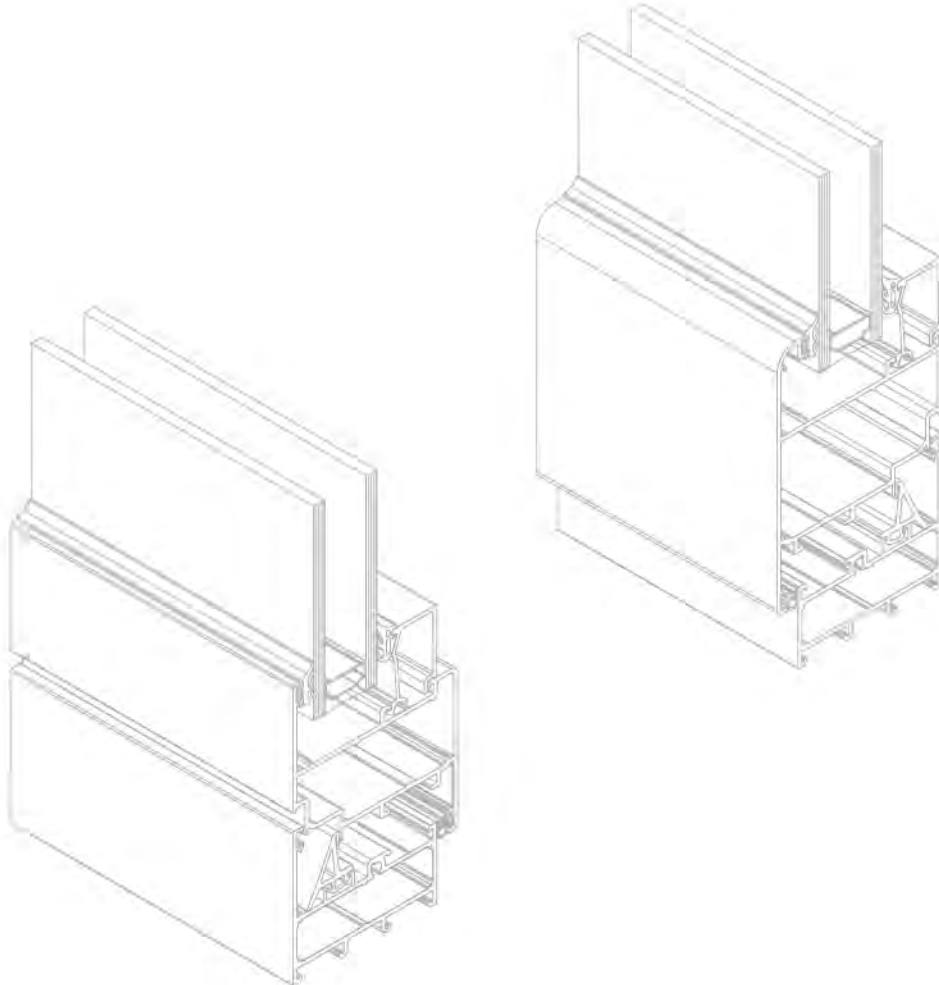
W5.15.312



Farklı renk seçeneği belirtilmelidir.
By selecting different colors, it must be informed.

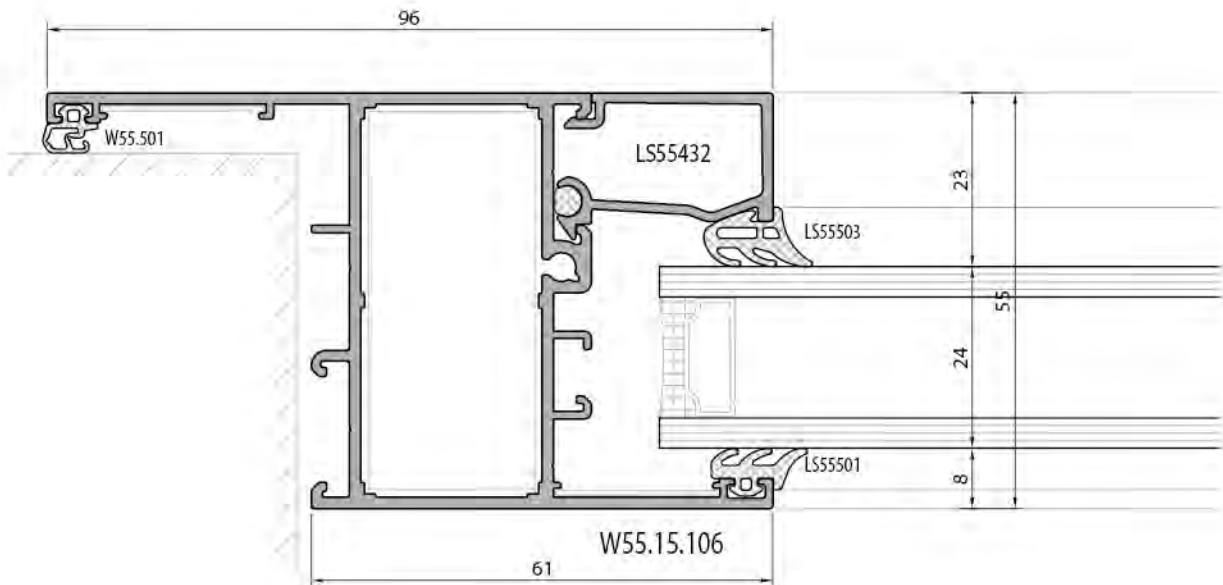
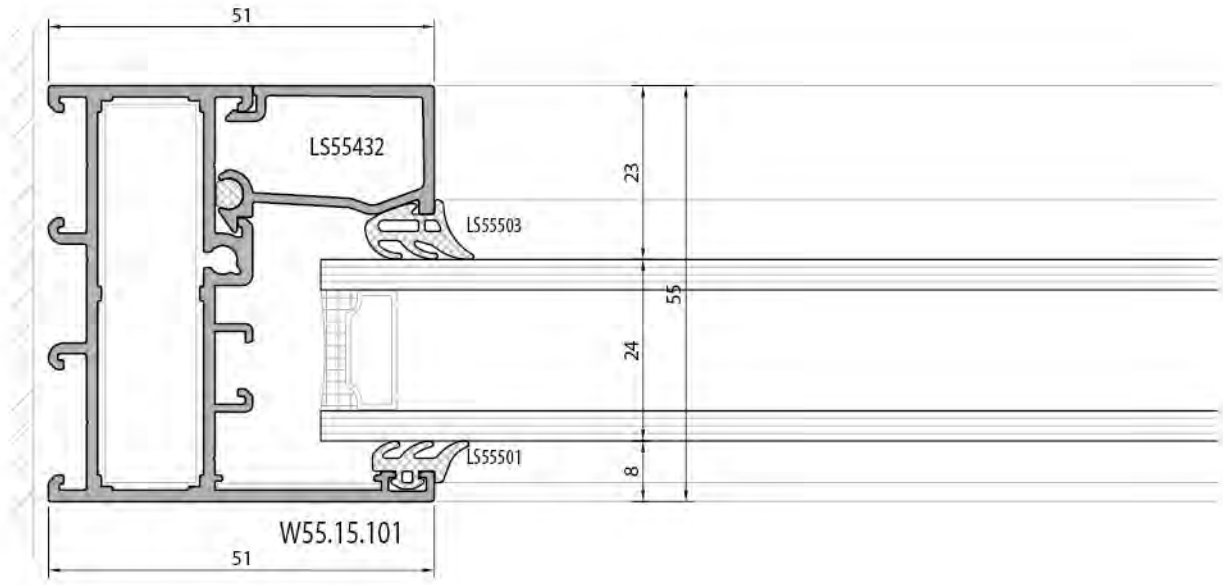


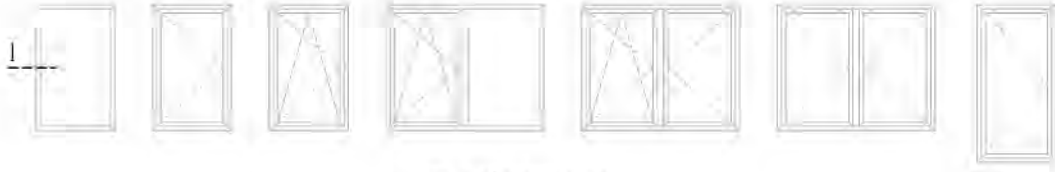
euro groove section 1



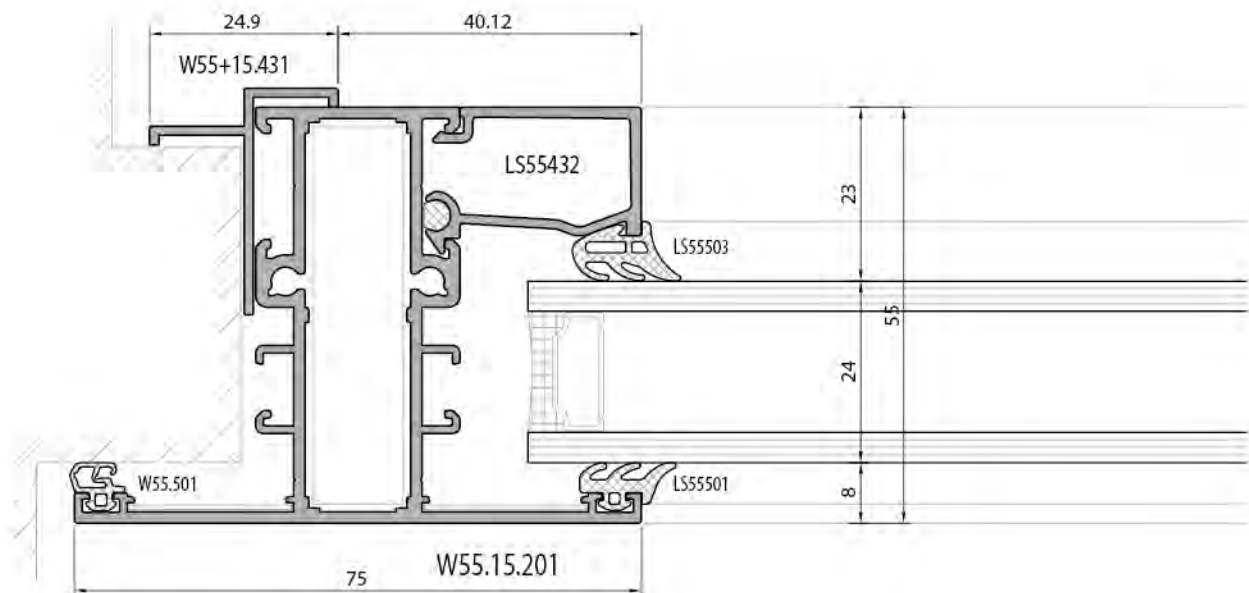
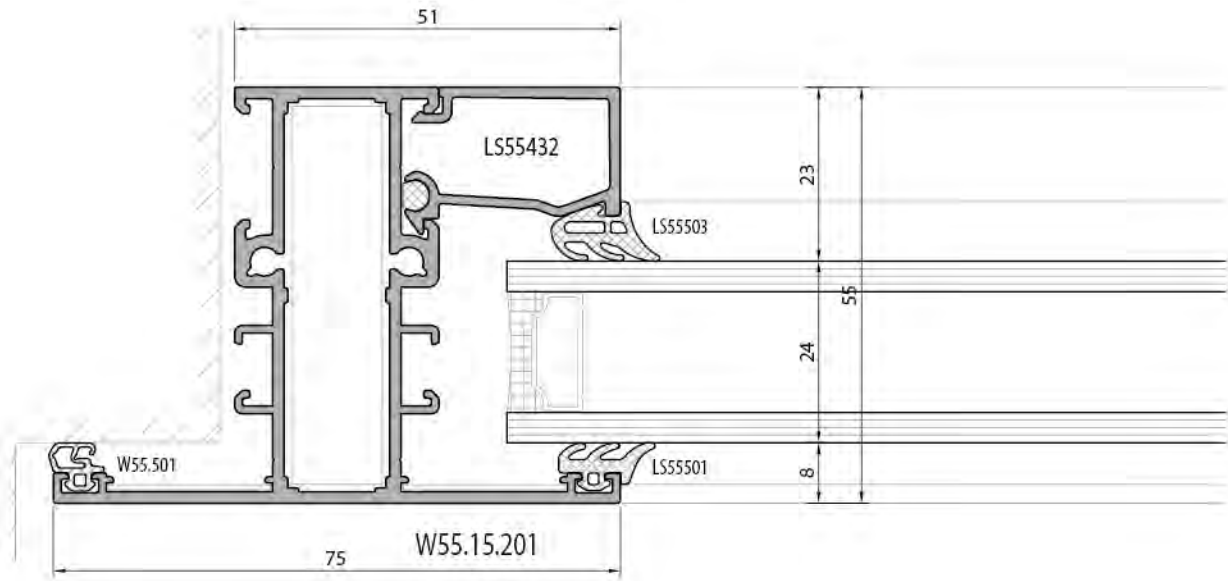


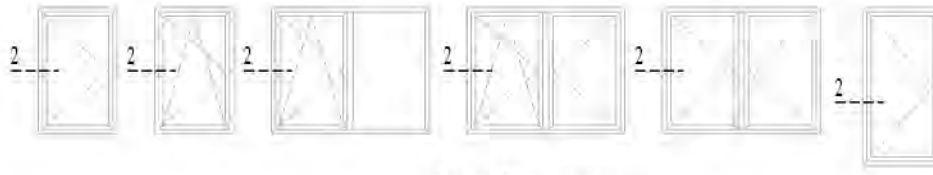
içe açılır pencere
inward opening window



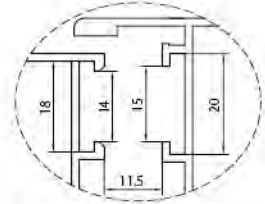


içe açılır pencere
inward opening window

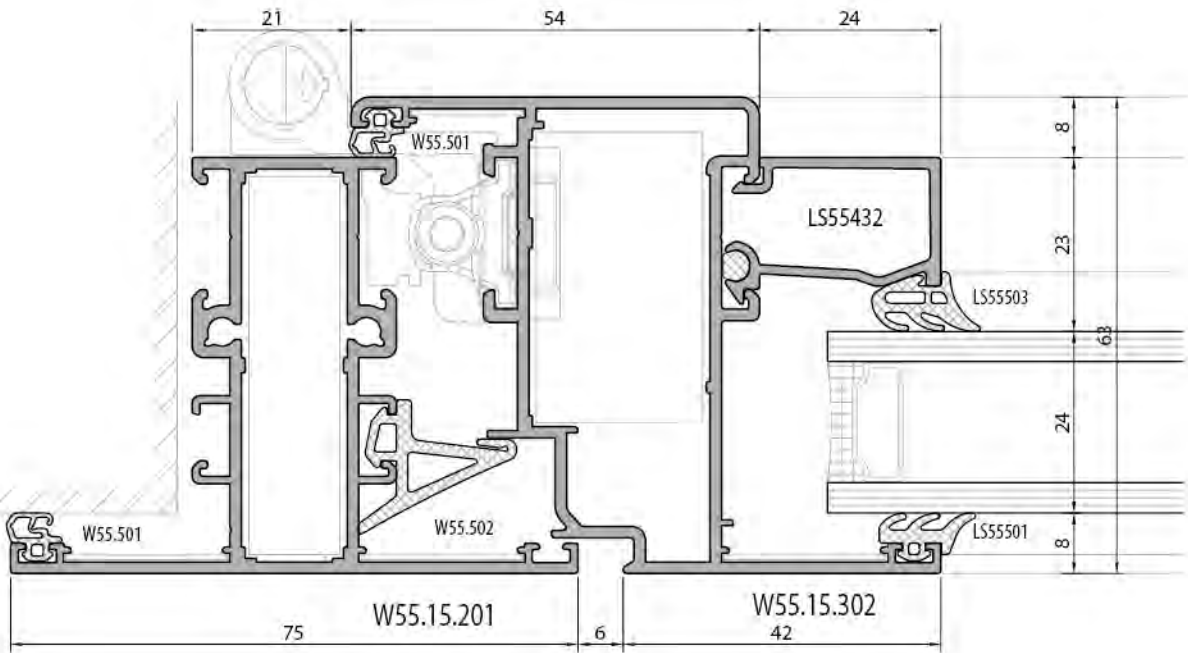
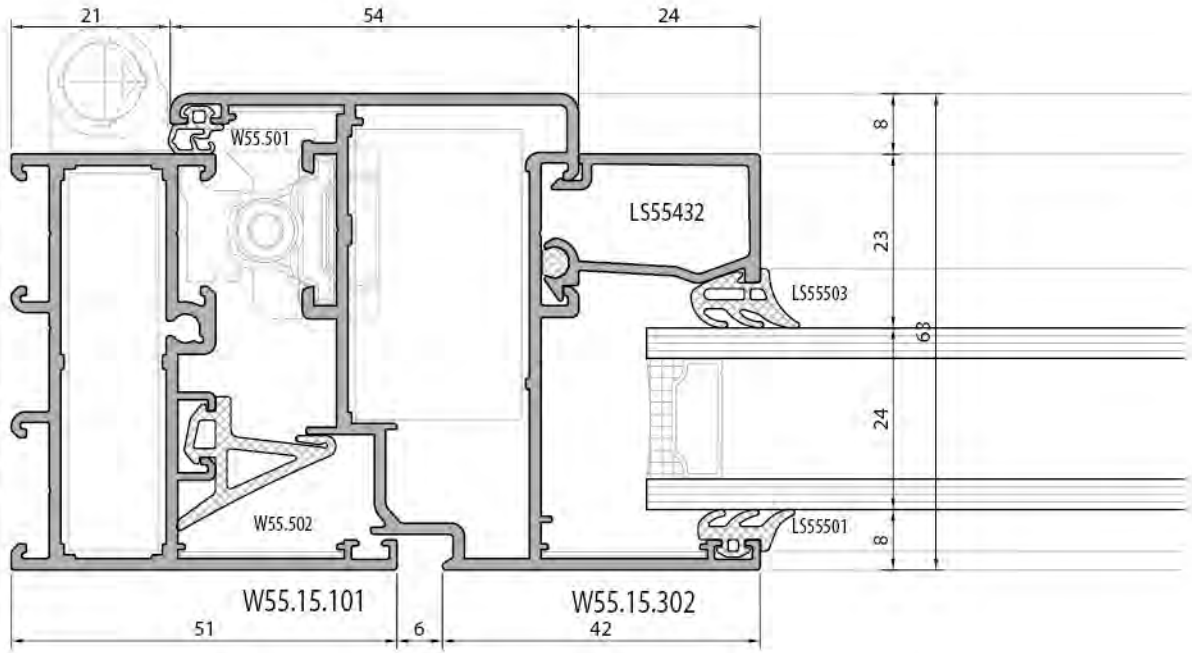


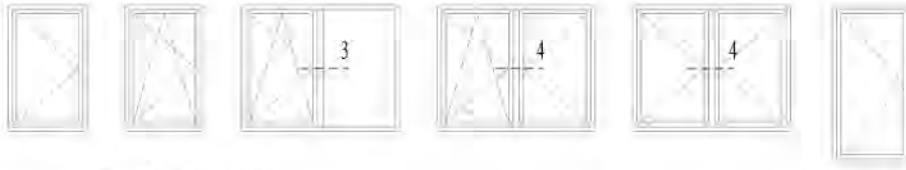


içe açılır pencere
inward opening window

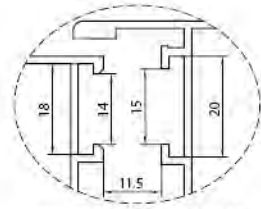


euro groove section 1

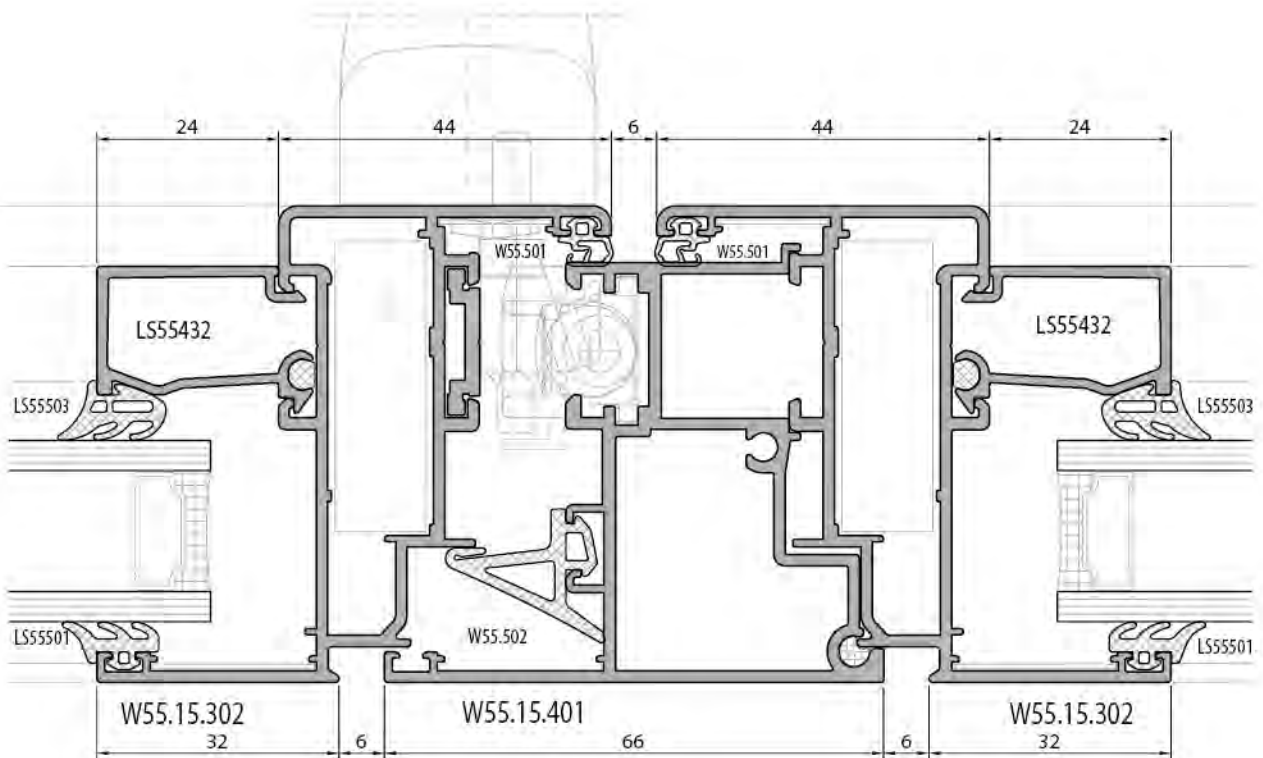
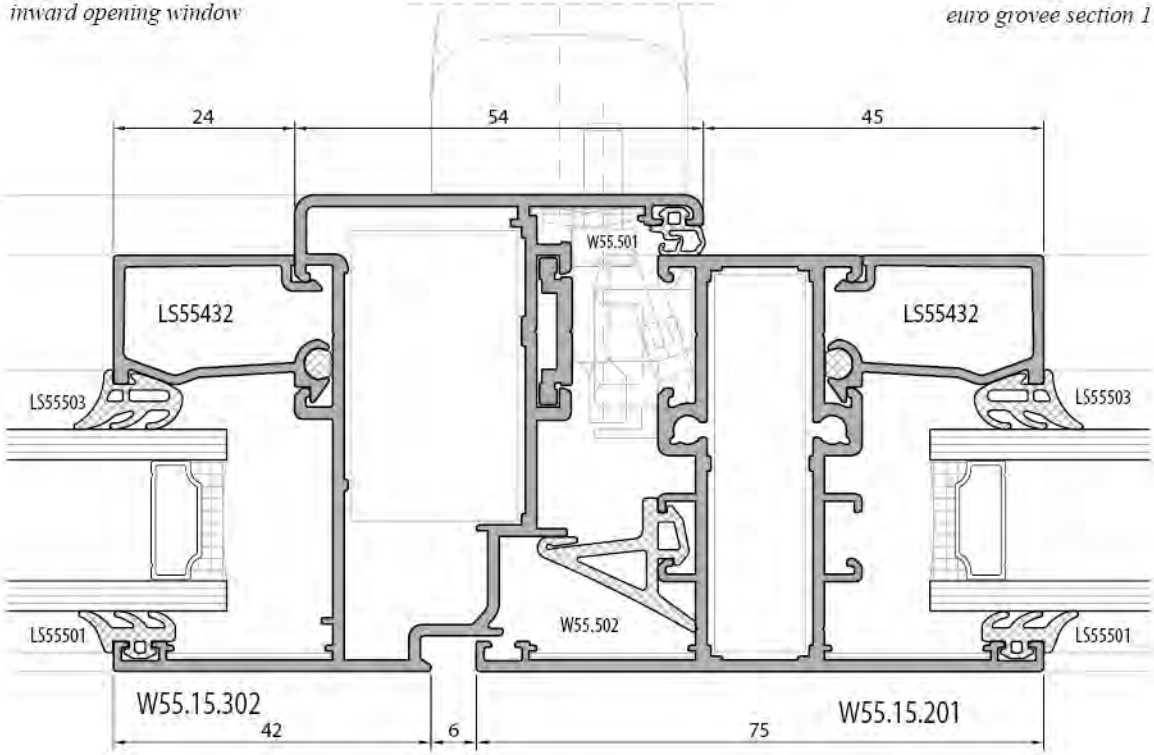


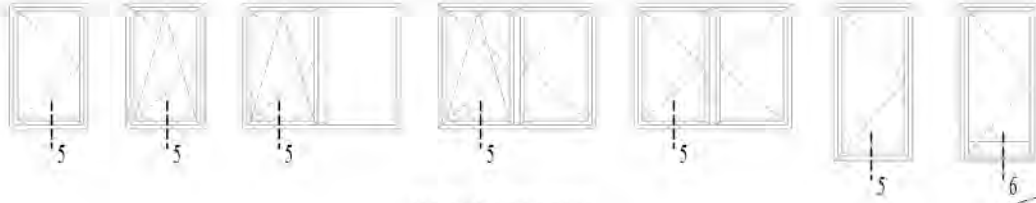


içe açılır pencere
inward opening window

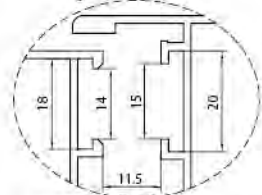


euro groove section 1

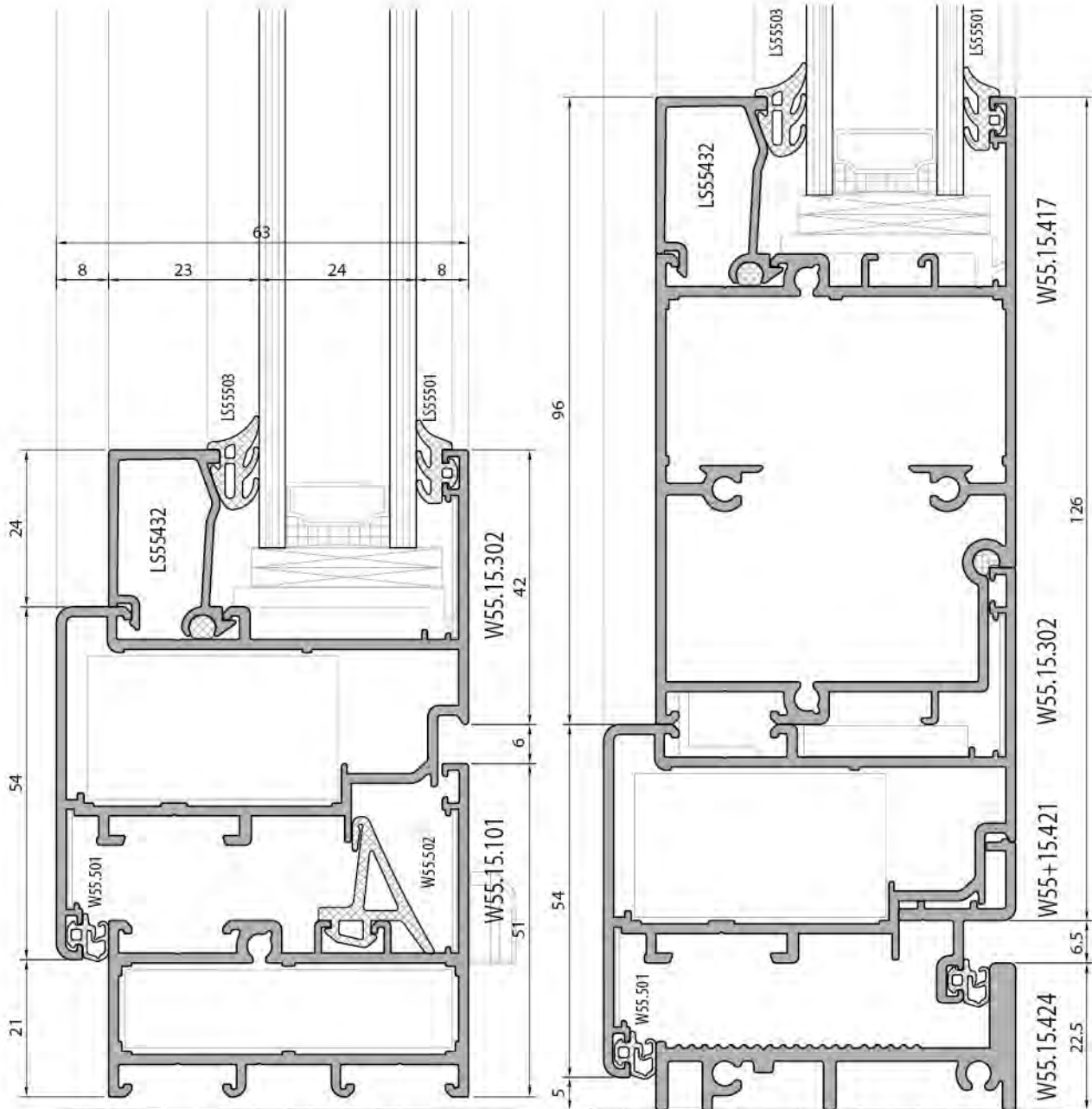


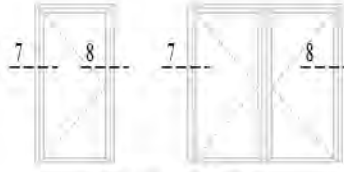


içe açılır pencere
inward opening window

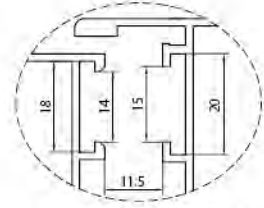


euro groove section 1

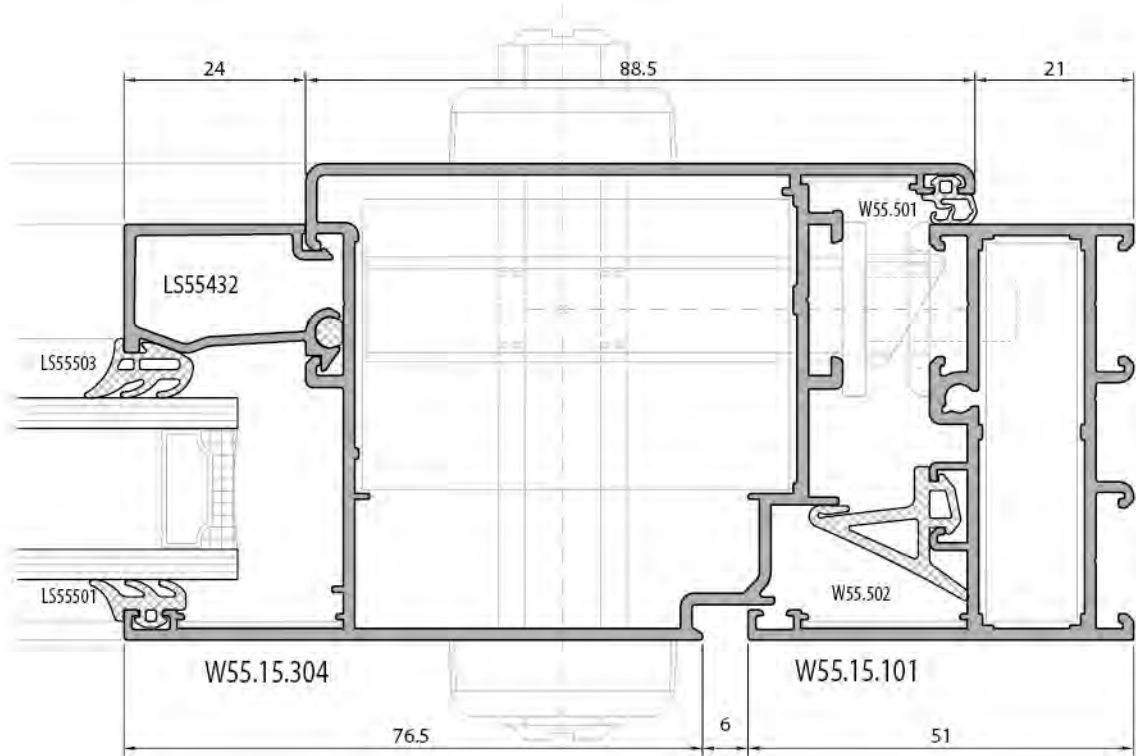
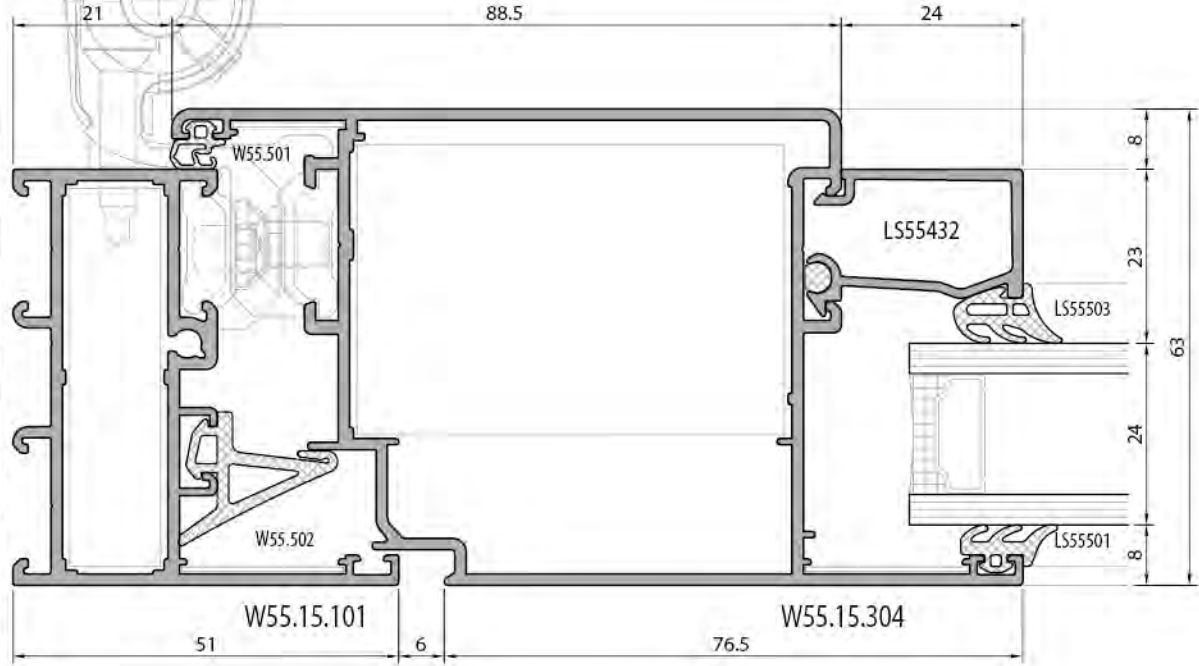


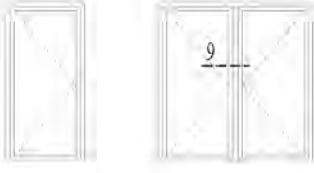


içe açılır kapı
inward opening door

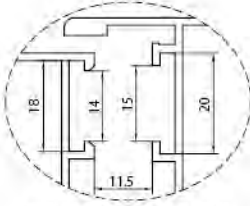


euro groove section 1

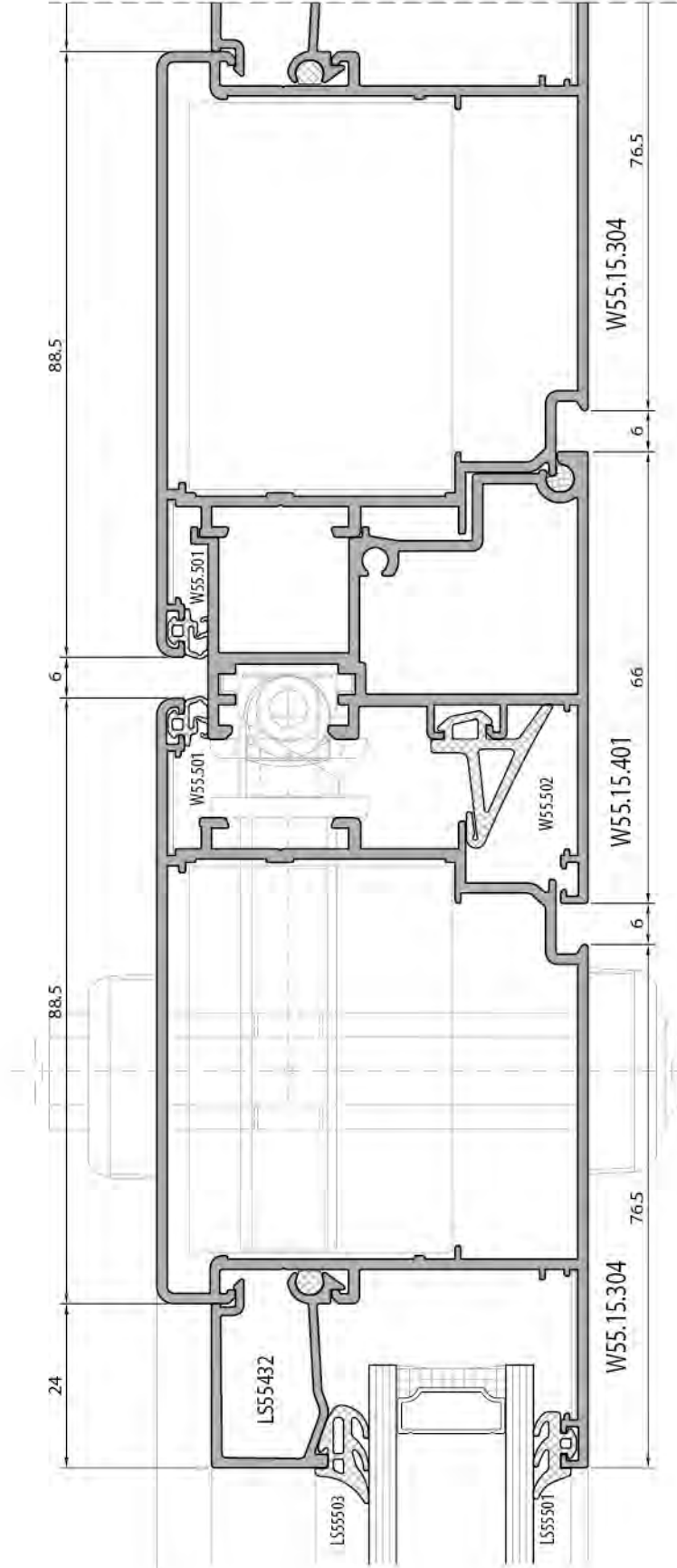




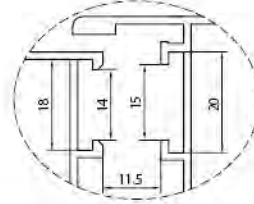
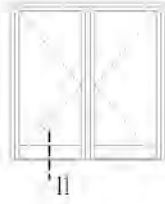
içe açılır kapı
inward opening door



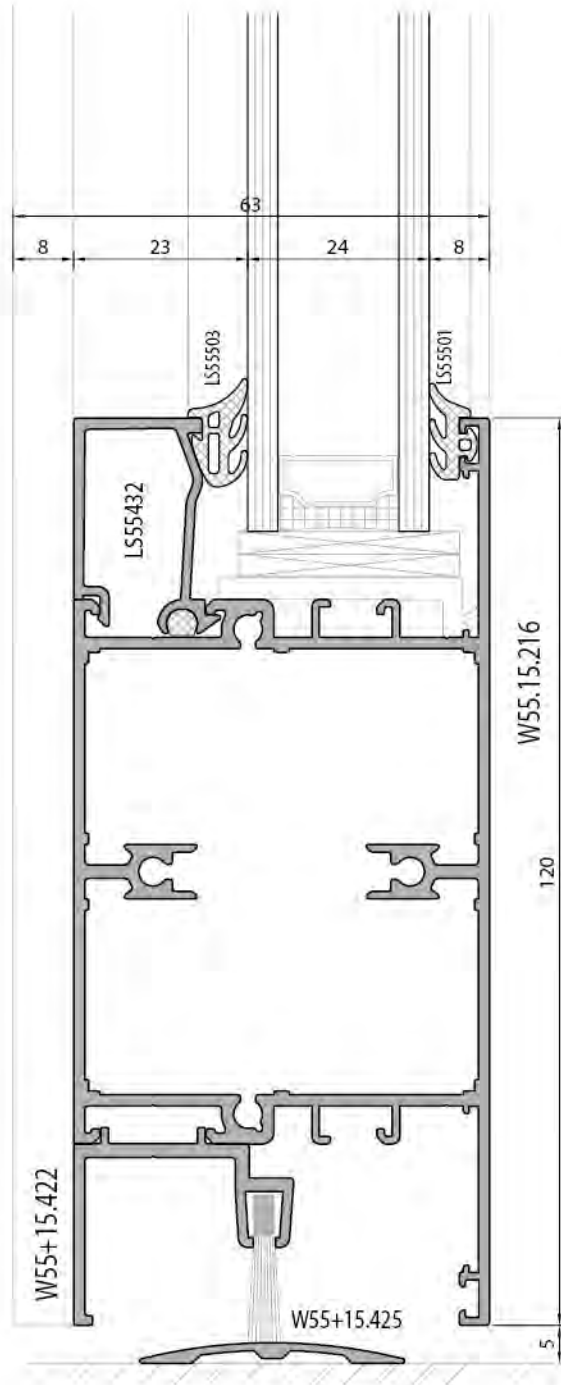
euro groove section 1

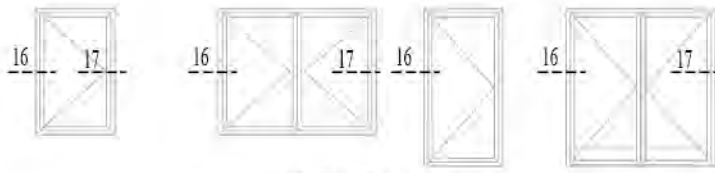


içe açılır kapı
inward opening door

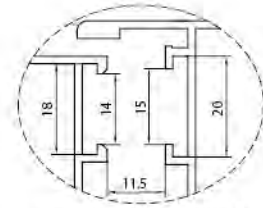


euro groove section 1

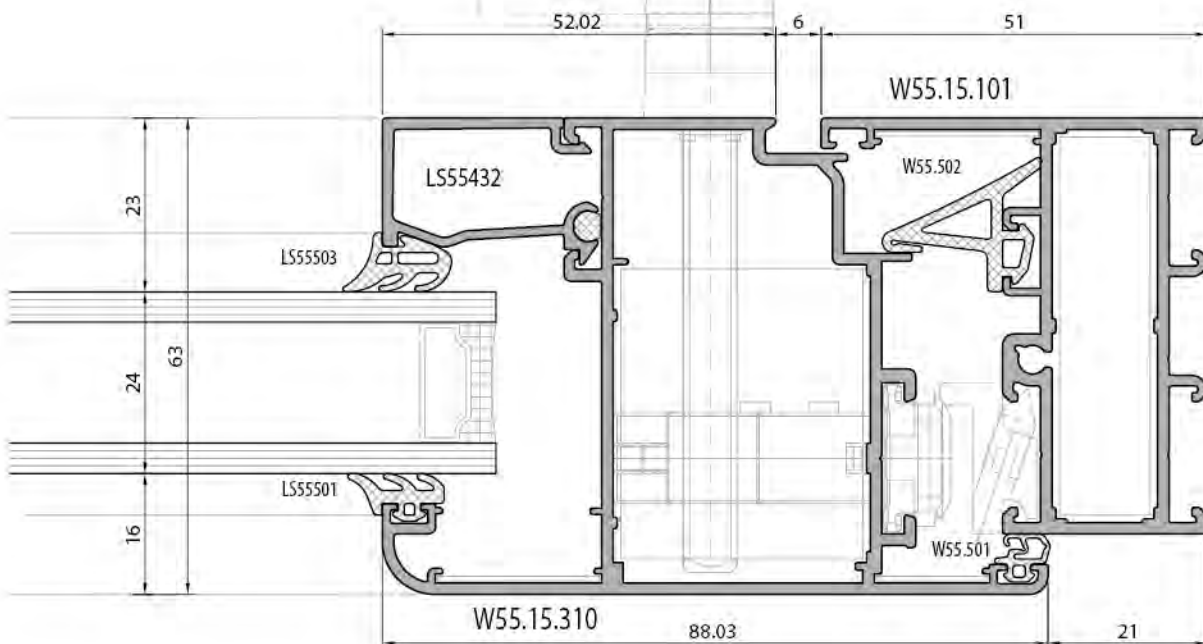
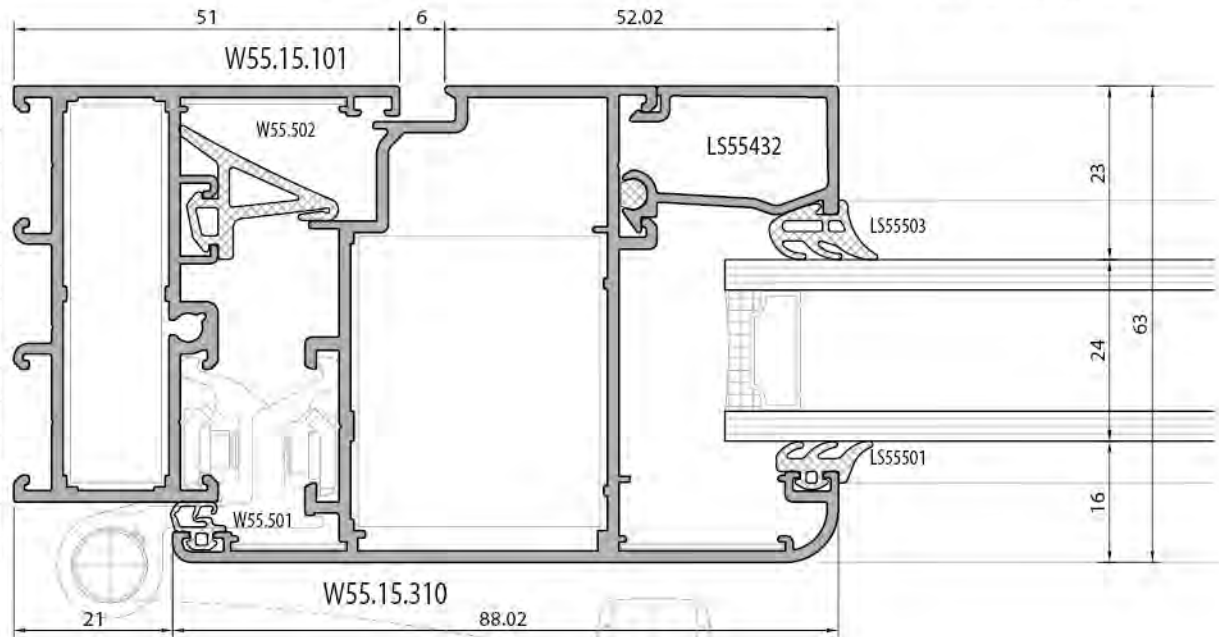


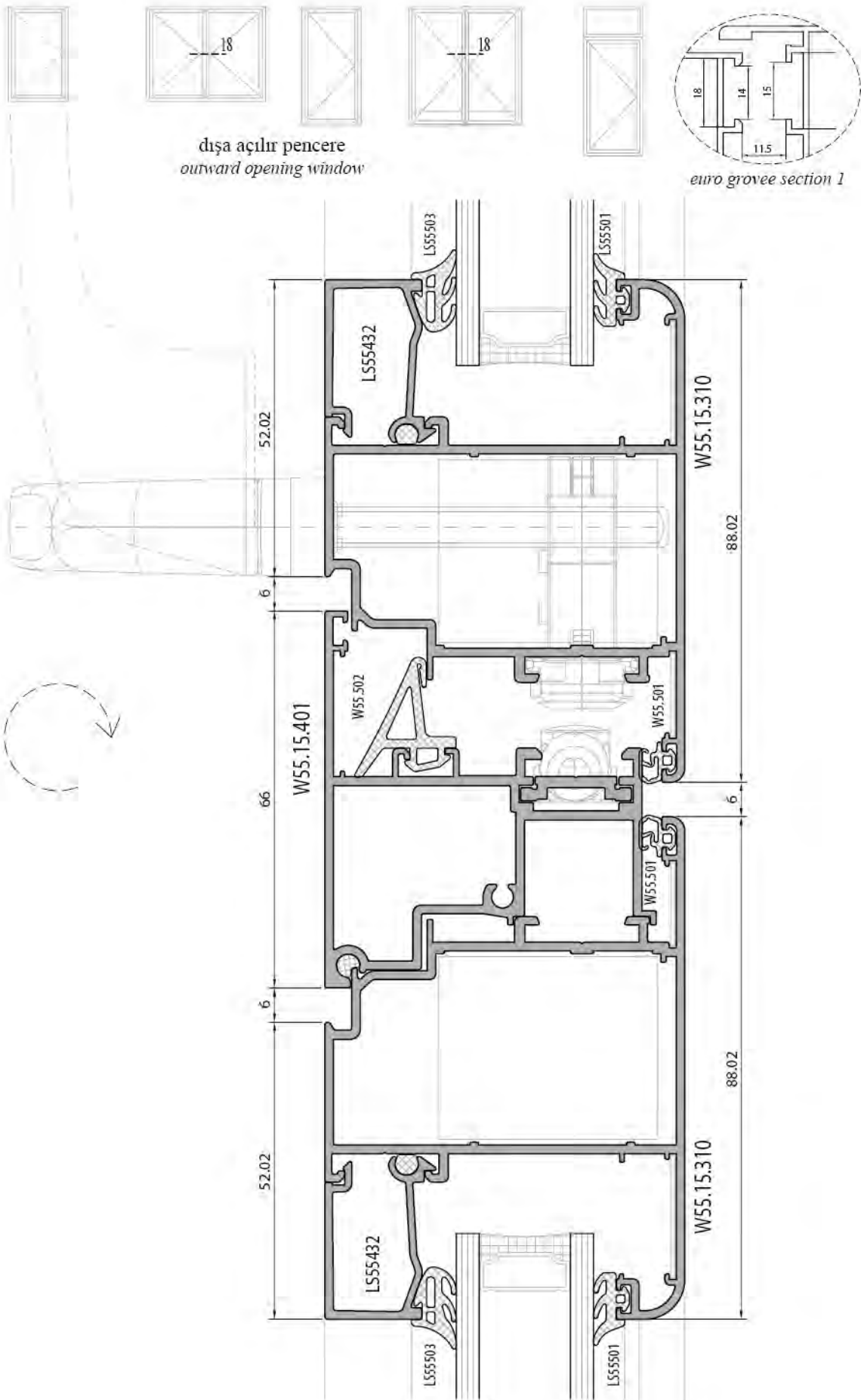


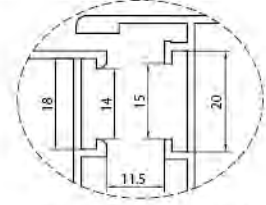
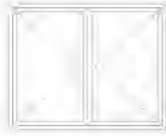
dışa açılır pencere
outward opening window



euro grove section 1

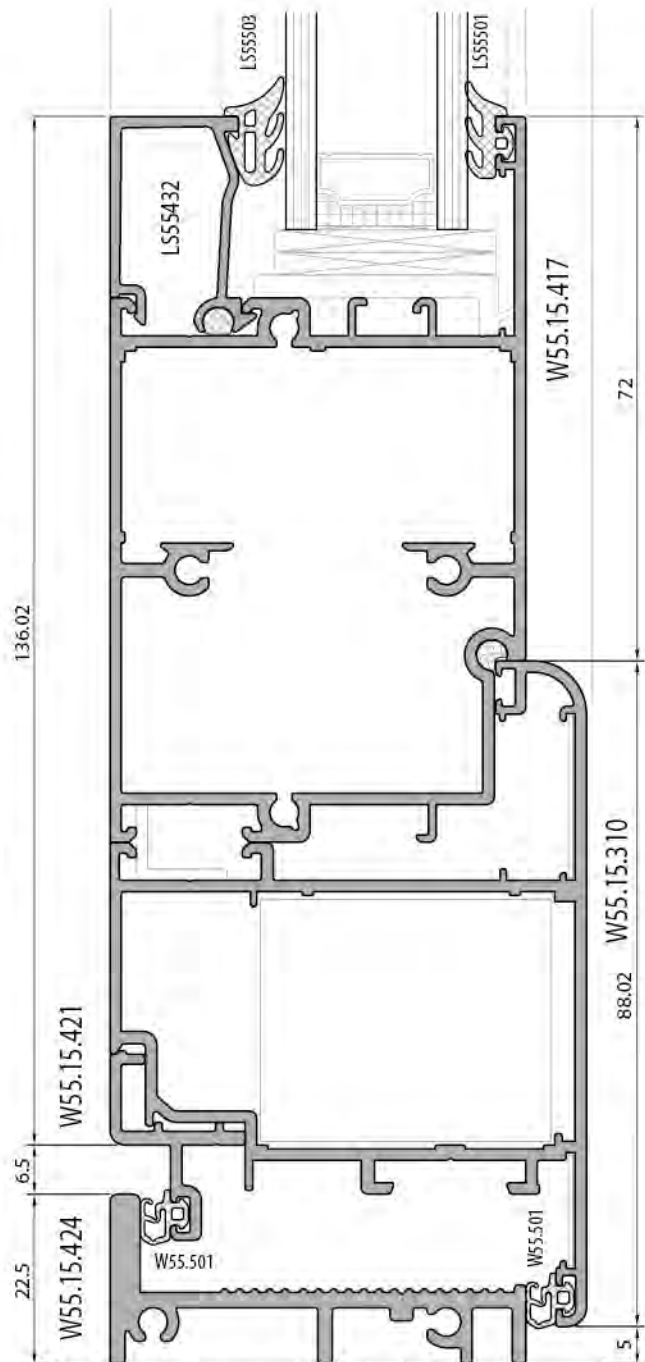
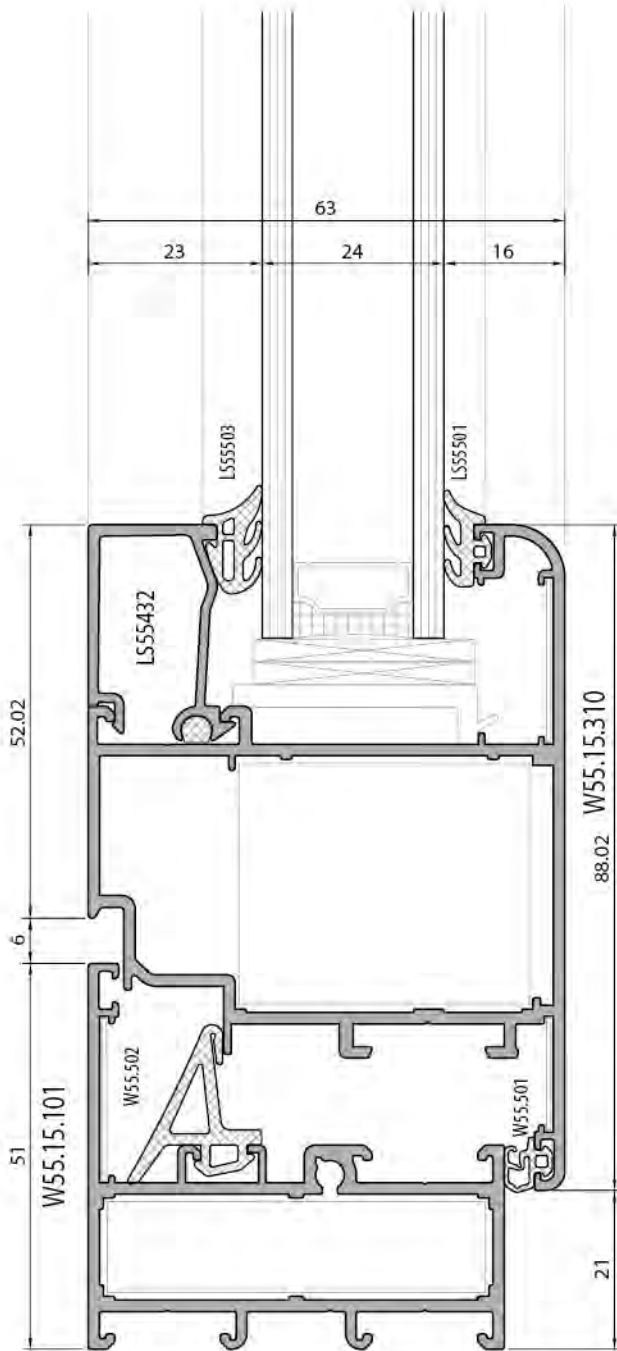


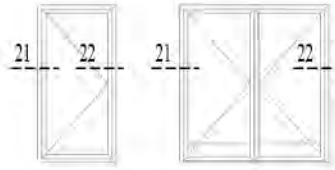




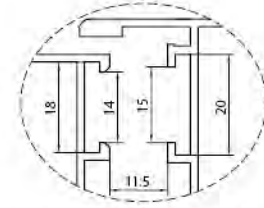
dışa açılır pencere
outward opening window

euro groove section 1

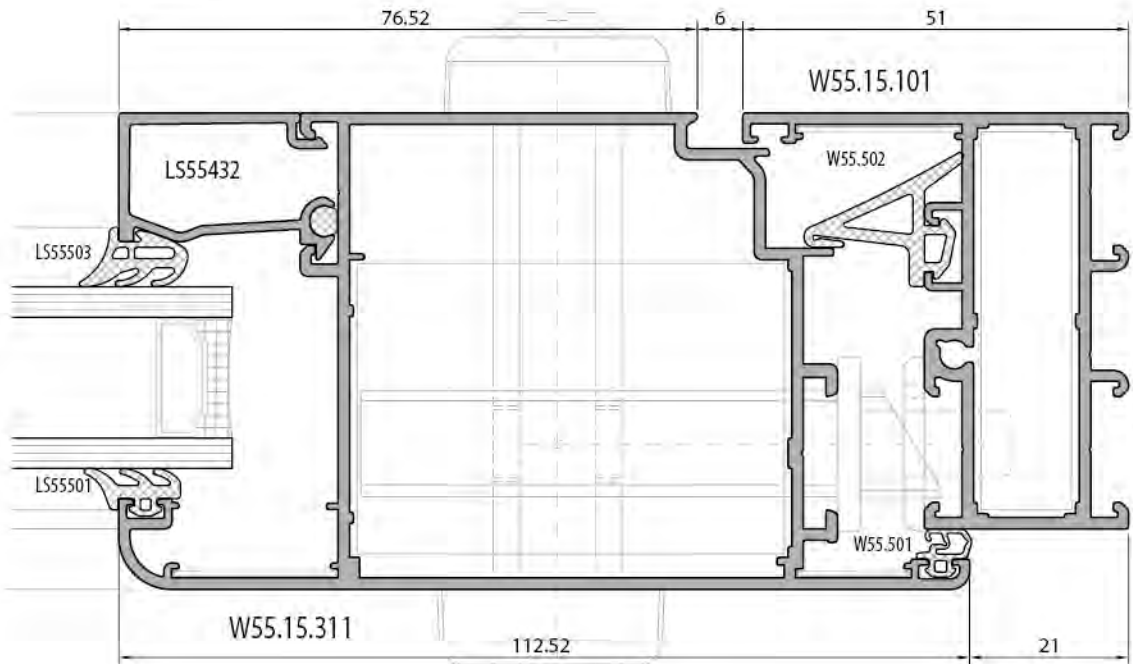
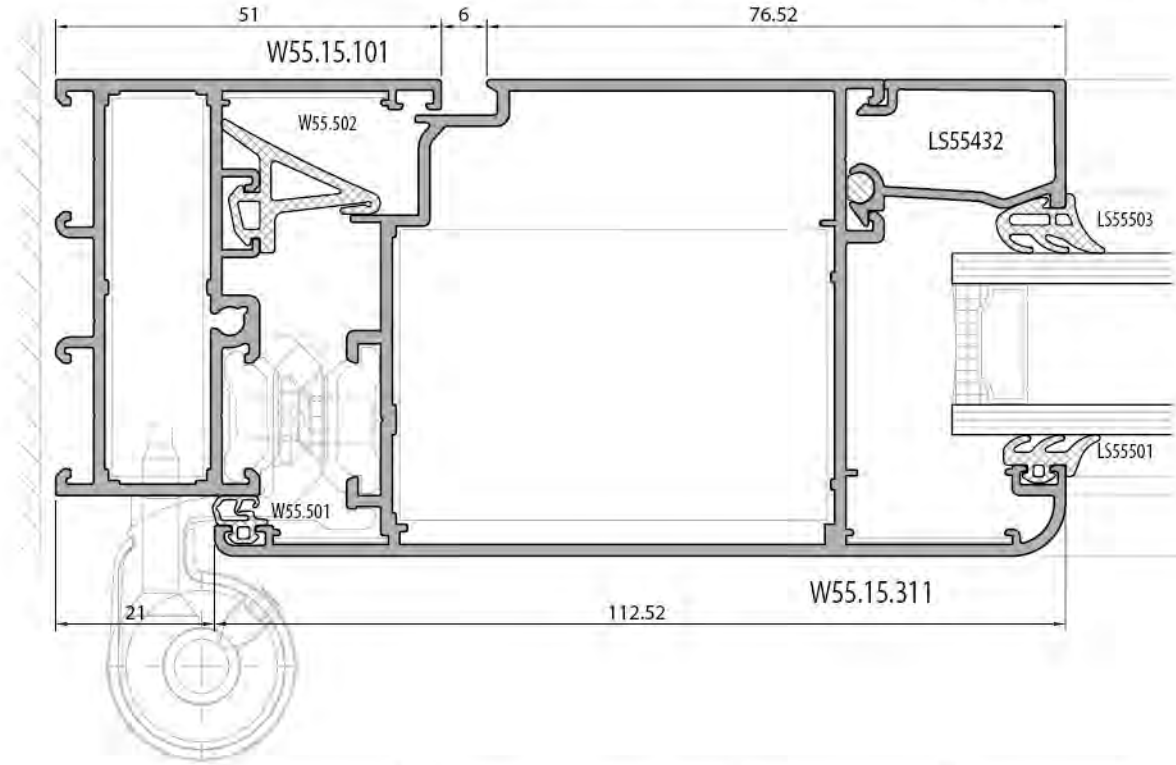




dışa açılır kapı
outward opening door

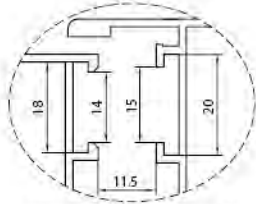


euro groove section 1

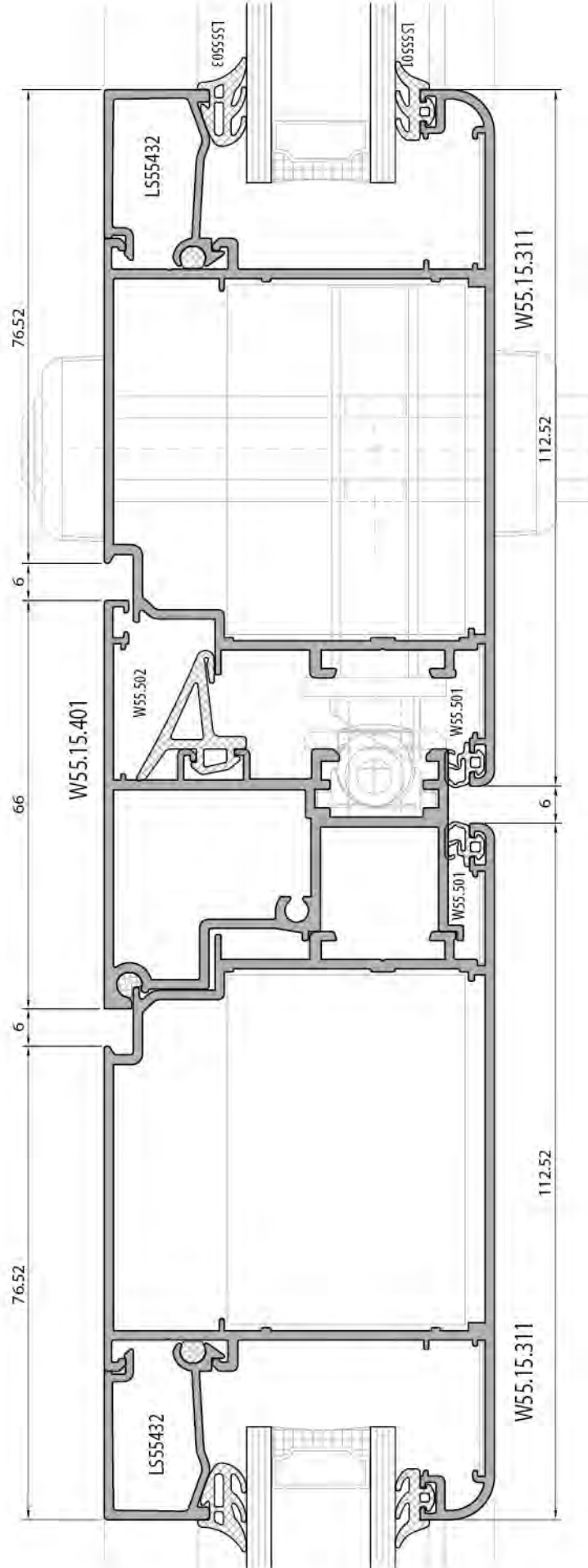




dışa açılır kapı
outward opening door

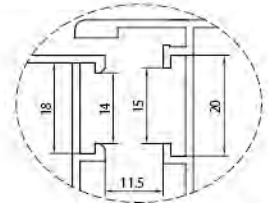
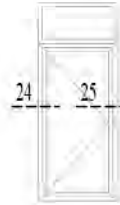


euro groove section 1

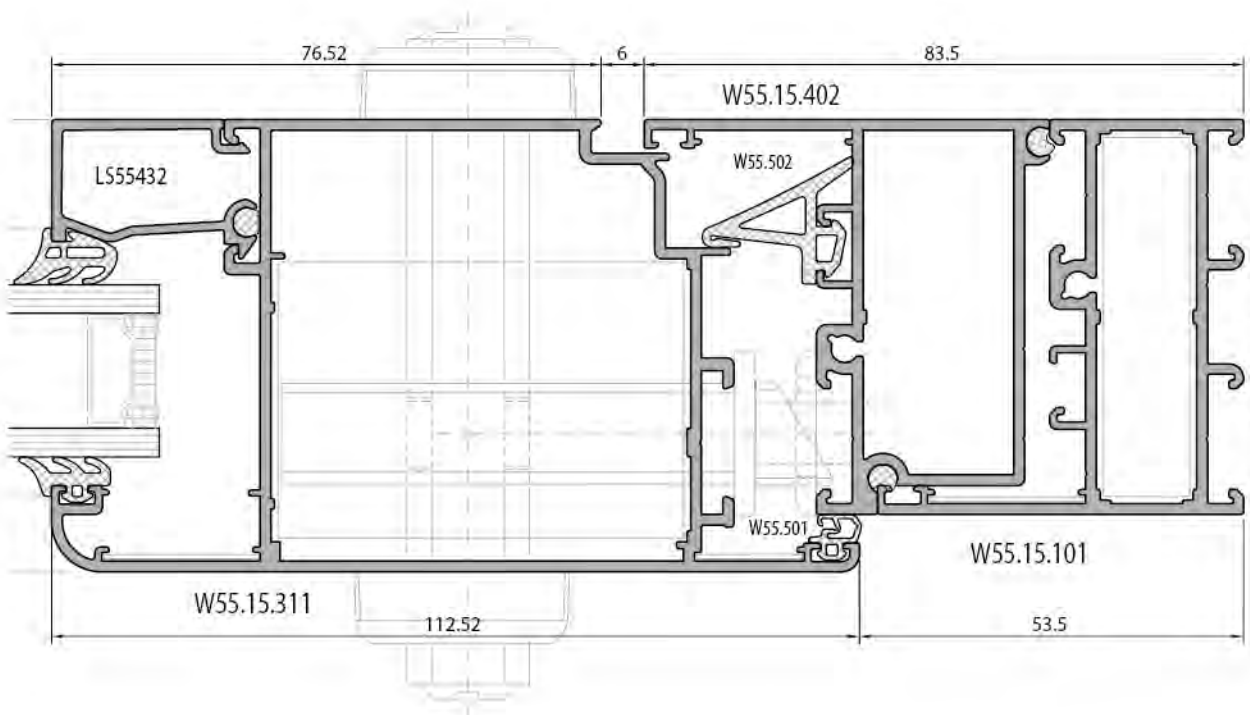
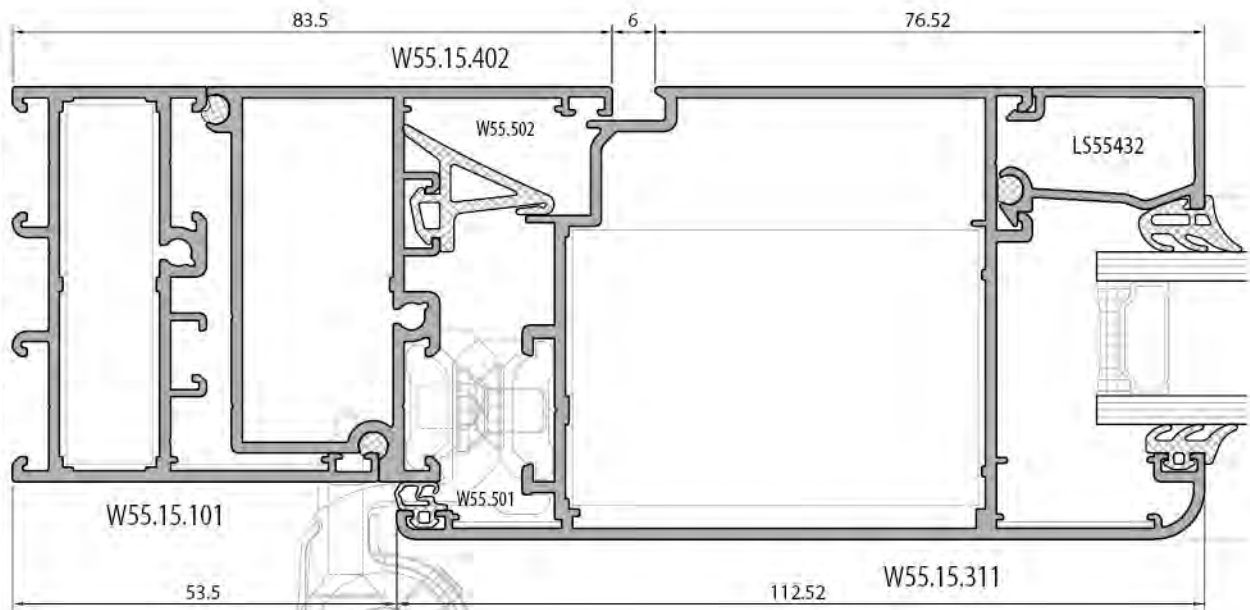


SİSTEM DETAYLARI / SYSTEM DETAILS

dışa açılır kapı
outward opening door

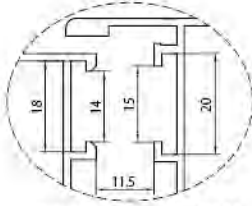


euro grove section 1

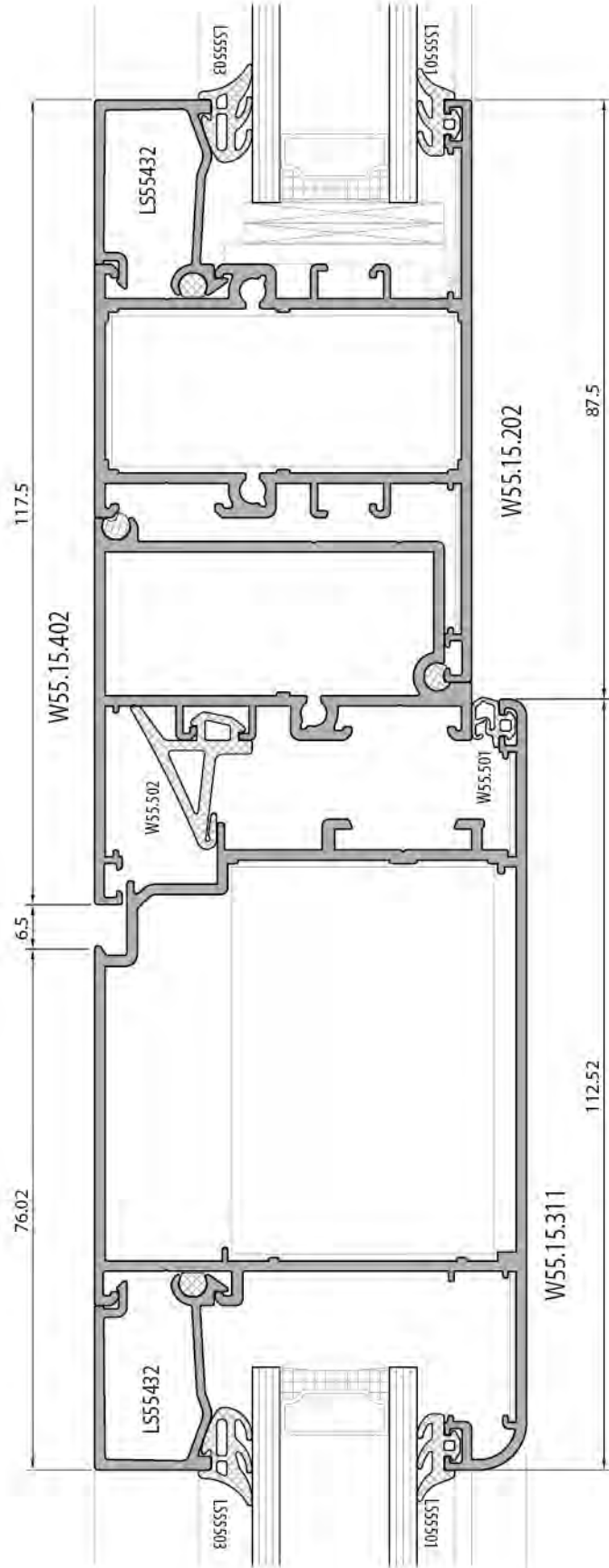


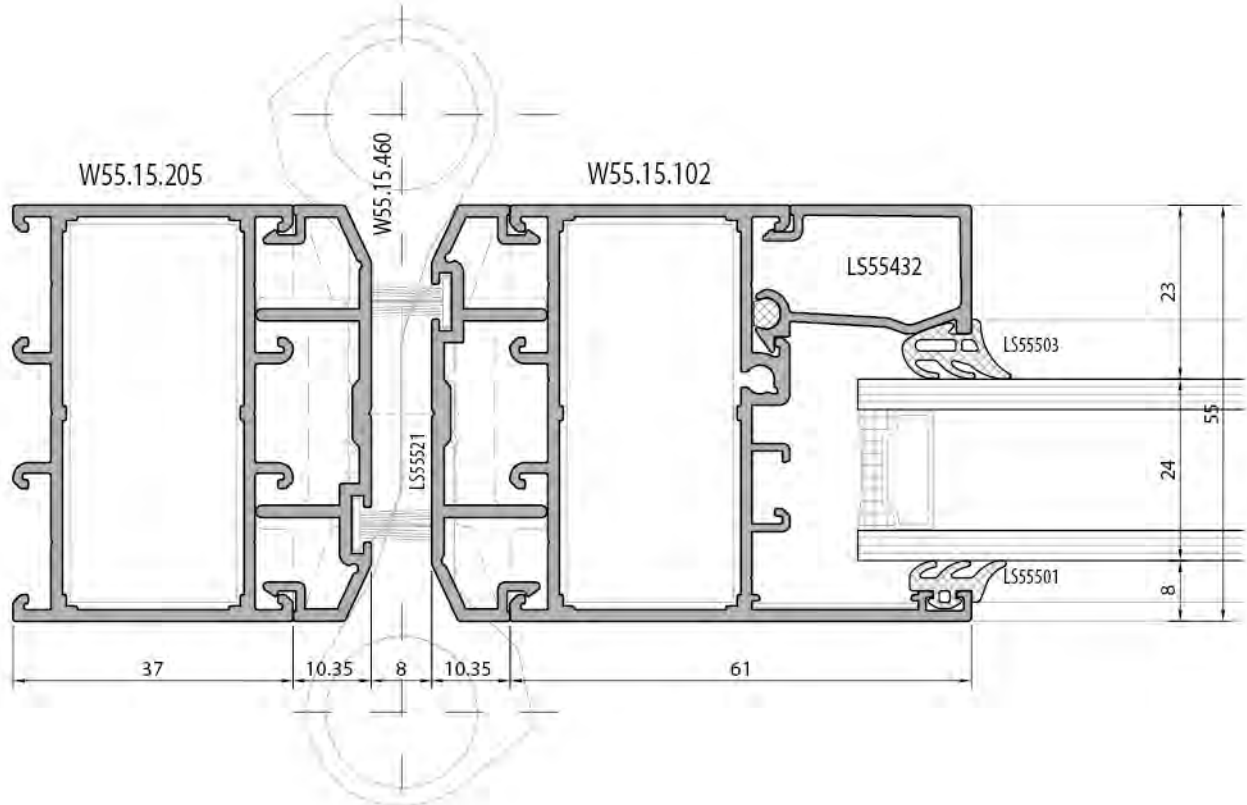
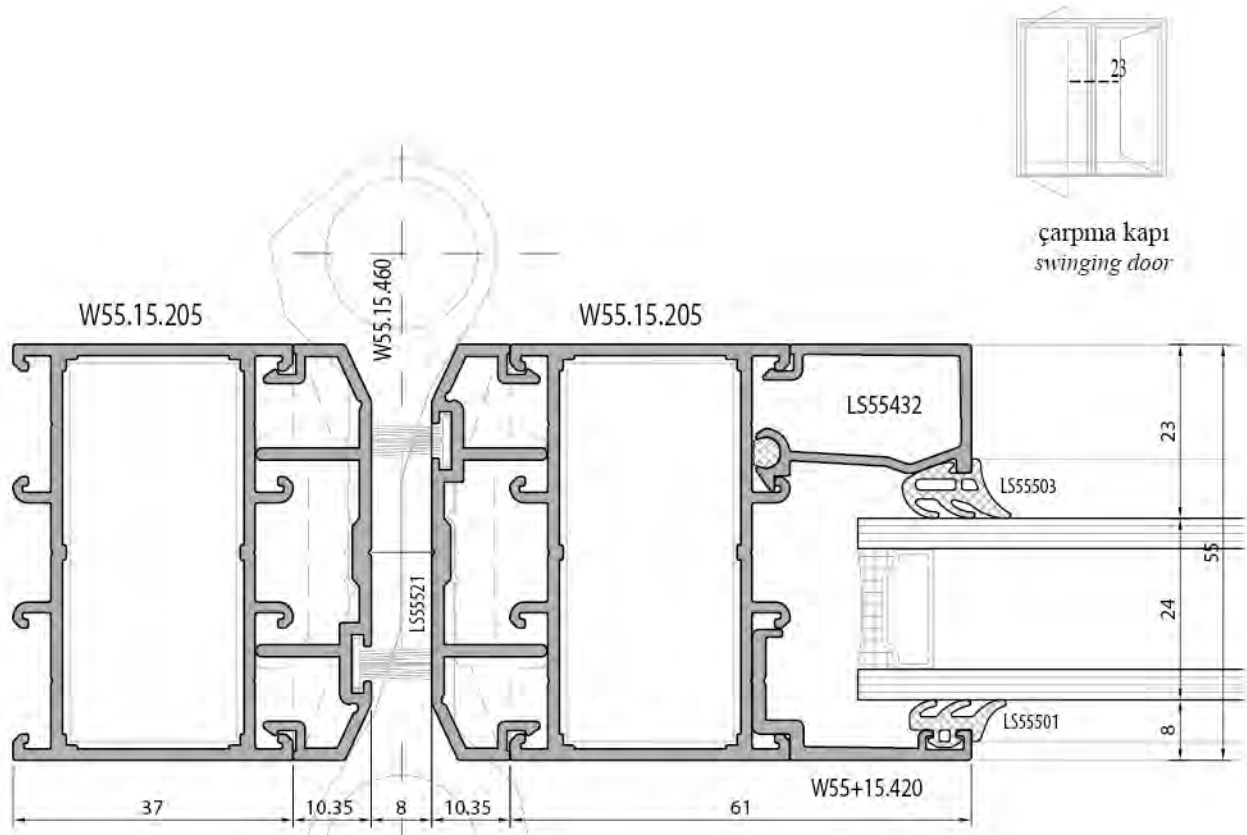


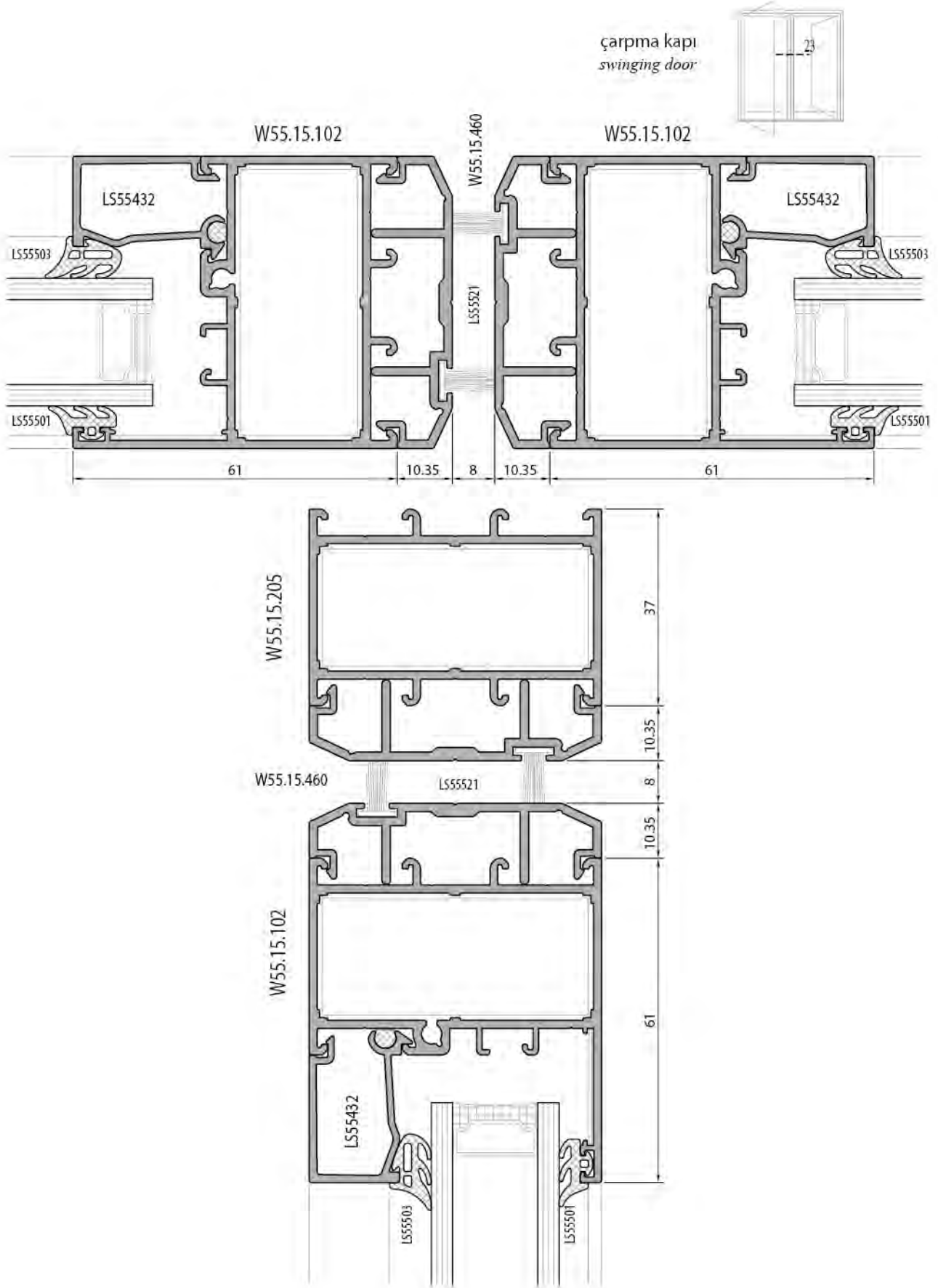
dışa açılır kapı
outward opening door



euro groove section 1

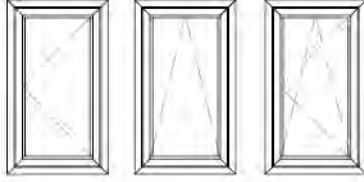




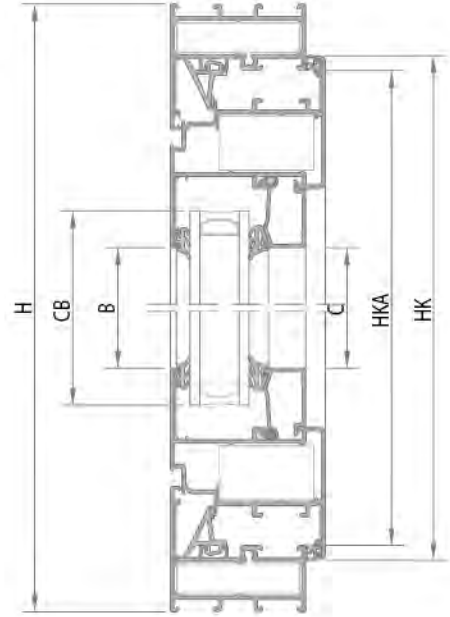
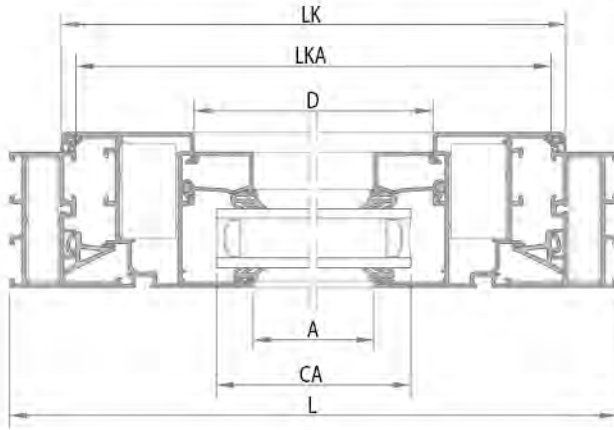


Normal / Vasistas / Çift açılım pencere

Normal / Tilt / Tilt & Turn window

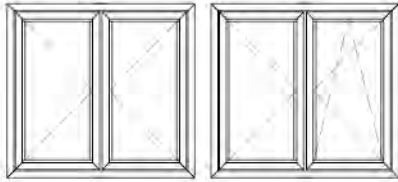


$$\begin{aligned} LK &= LKA + 12 \\ HK &= HKA + 12 \\ D &= A + 48 \\ C &= B \\ CA &= A + 30 \\ CB &= B + 30 \end{aligned}$$



Normal / Çift açılım pencere

Normal / Tilt & Turn window



$$LK = (LKA/2) + 3$$

$$HK = HKA + 12$$

$$D = A + 48$$

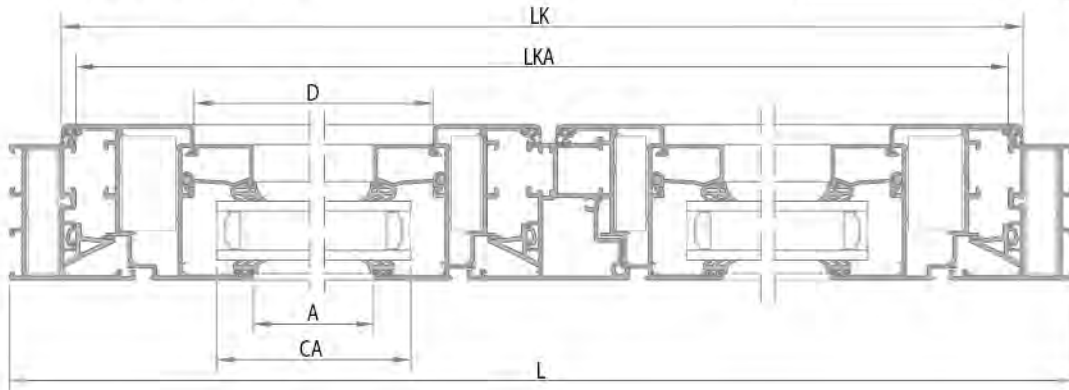
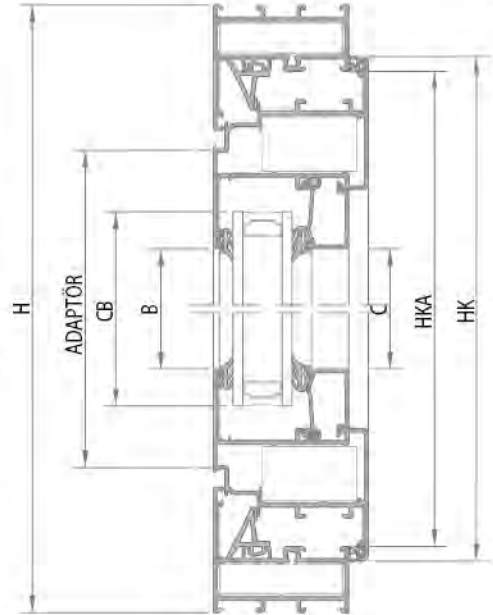
$$C = B$$

$$CA = A + 30$$

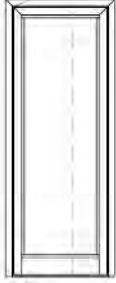
$$CB = B + 30$$

$$ADAPTÖR = HKA - 64$$

- | | |
|-----|----------------------|
| L | doğrama eni |
| H | doğrama boyu |
| LK | kanat yatay ölçüsü |
| HK | kanat dikey ölçüsü |
| LKA | kasa yatay ara ölçü |
| HKA | kasa dikey ara ölçü |
| A | kanat yatay ara ölçü |
| B | kanat dikey ara ölçü |
| D | çita yatay ölçü |
| C | çita dikey ölçü |
| CA | cam yatay ölçüsü |
| CB | cam dikey ölçüsü |



İçe açılır kapı
inward opening door



- L doğrama eni
H doğrama boyu
LK kanat yatay ölçüsü
HK kanat dikey ölçüsü
LKA kasa yatay ara ölçü
HKA kasa dikey ara ölçü
A kanat yatay ara ölçü
B kanat dikey ara ölçü
D çita yatay ölçü
C çita dikey ölçü
CA cam yatay ölçüsü
CB cam dikey ölçüsü

$$LK = LKA + 12$$

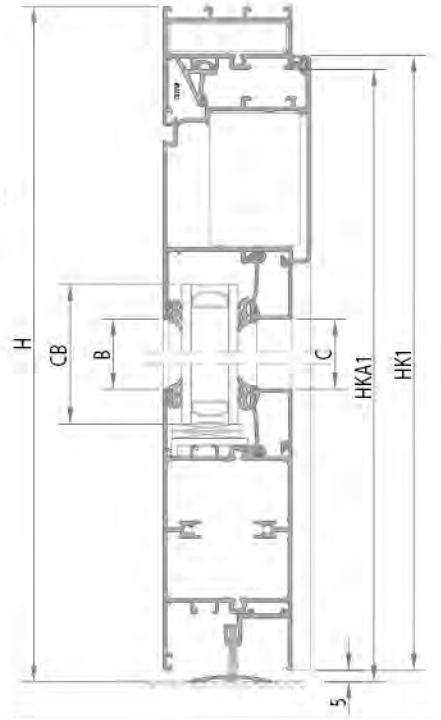
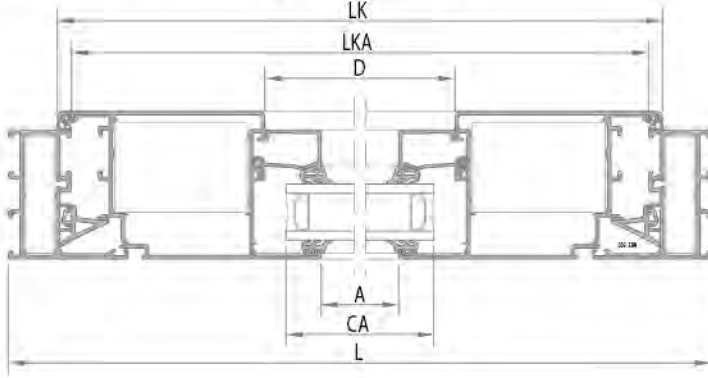
$$HK1 = HKA1 + 1$$

$$D = A + 48$$

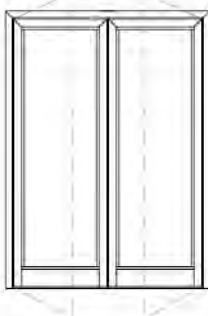
$$C = B$$

$$CA = A + 30$$

$$CB = B + 30$$



Çift kanat içe açılır kapı
Double sash inward opening door



$$LK = (LKA/2) + 3$$

$$HK1 = HKA1 + 1$$

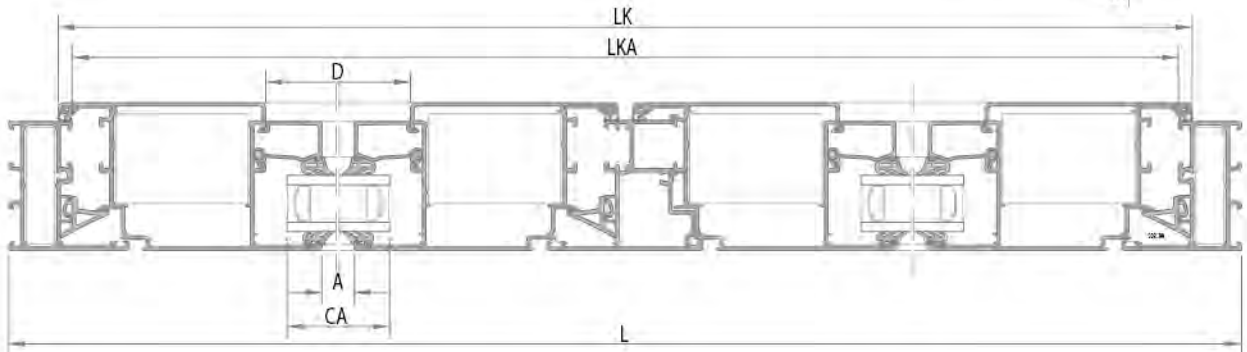
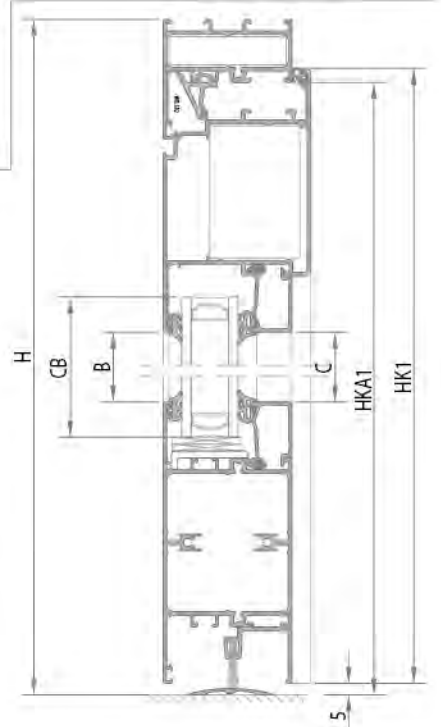
$$D = A + 48$$

$$C = B$$

$$CA = A + 30$$

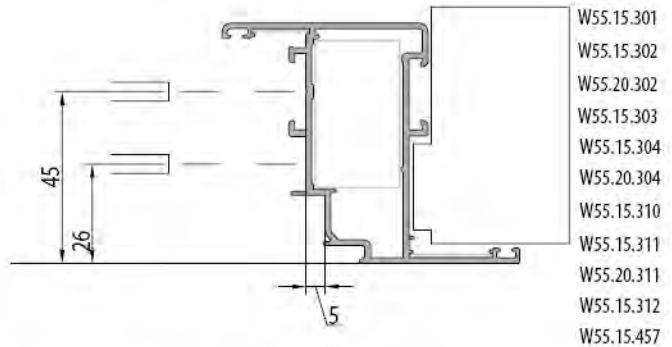
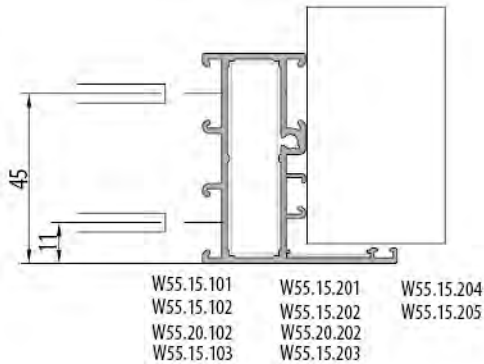
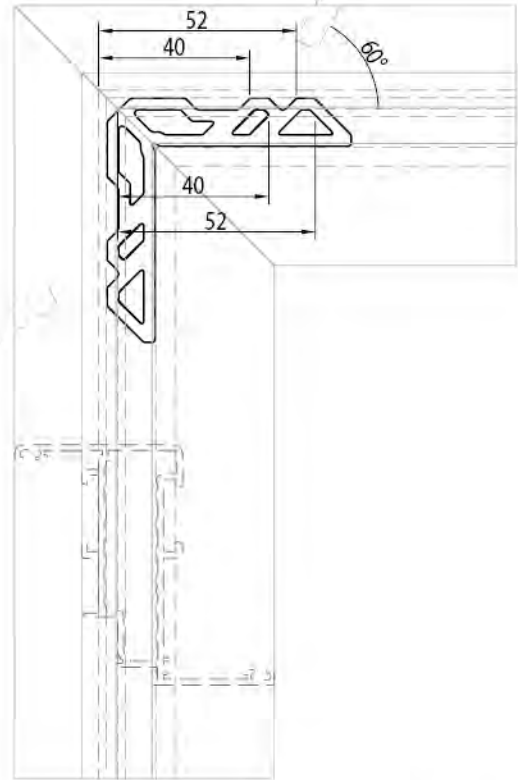
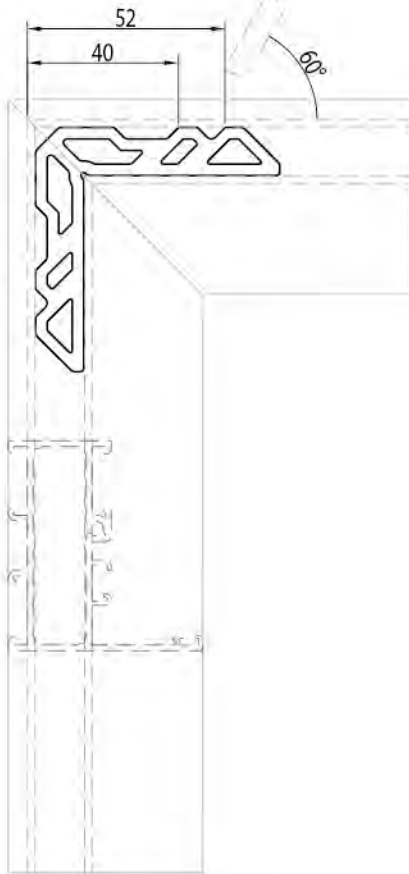
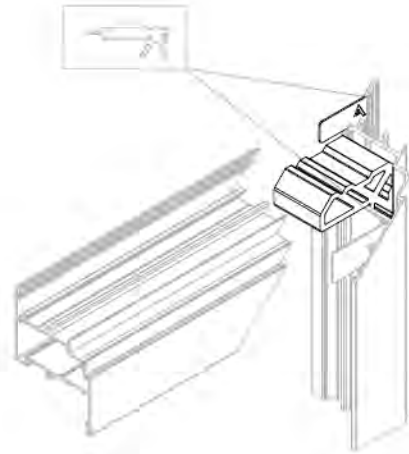
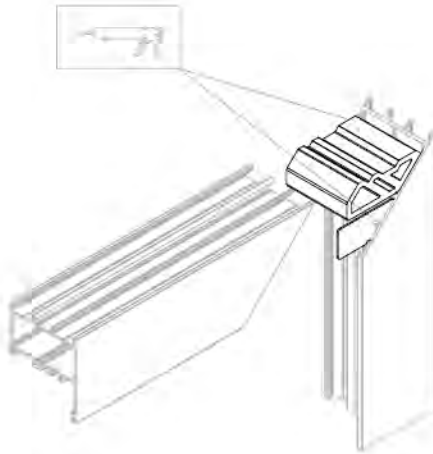
$$CB = B + 30$$

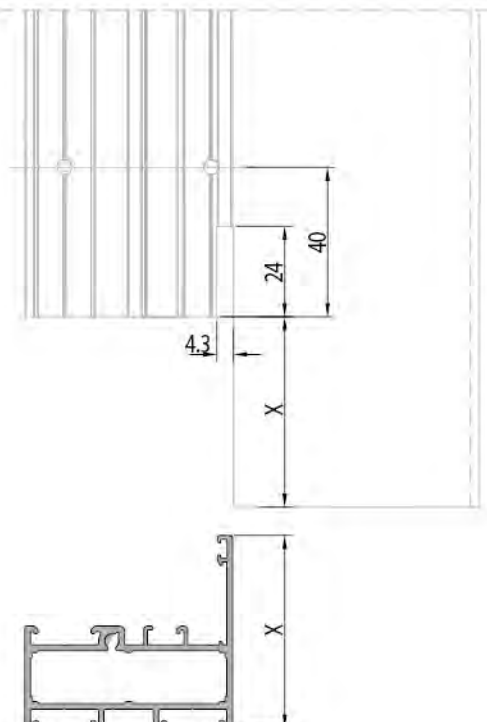
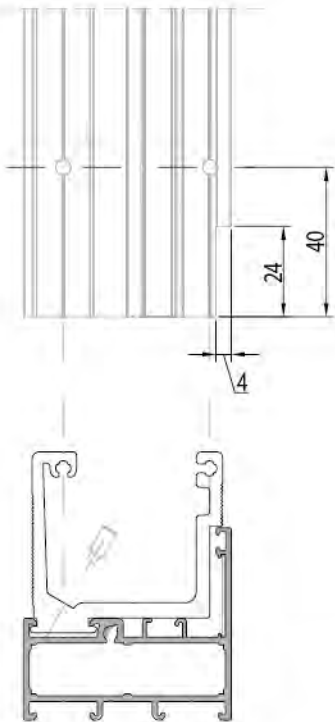
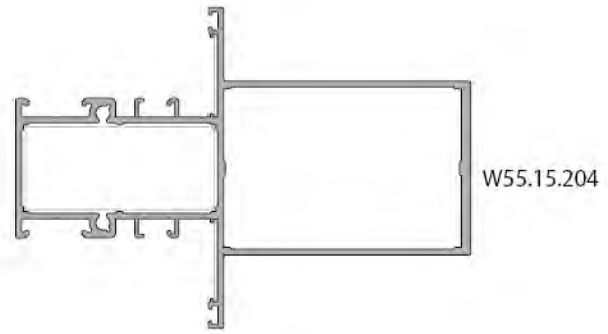
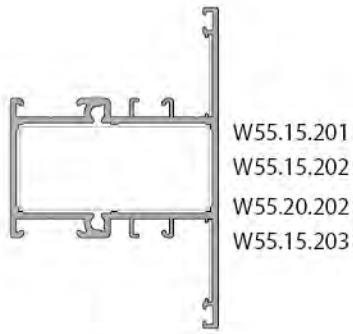
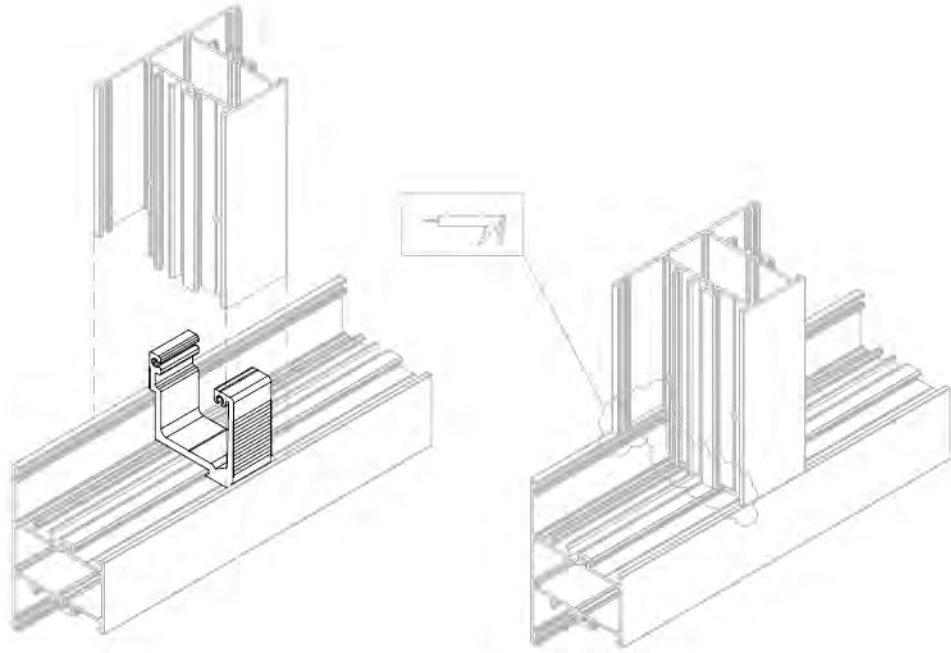
$$ADAPTÖR = HKA2 - 62$$



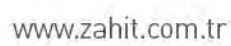
W55 PENCERE VE KAPI SİSTEM / WINDOW AND DOOR SYSTEM

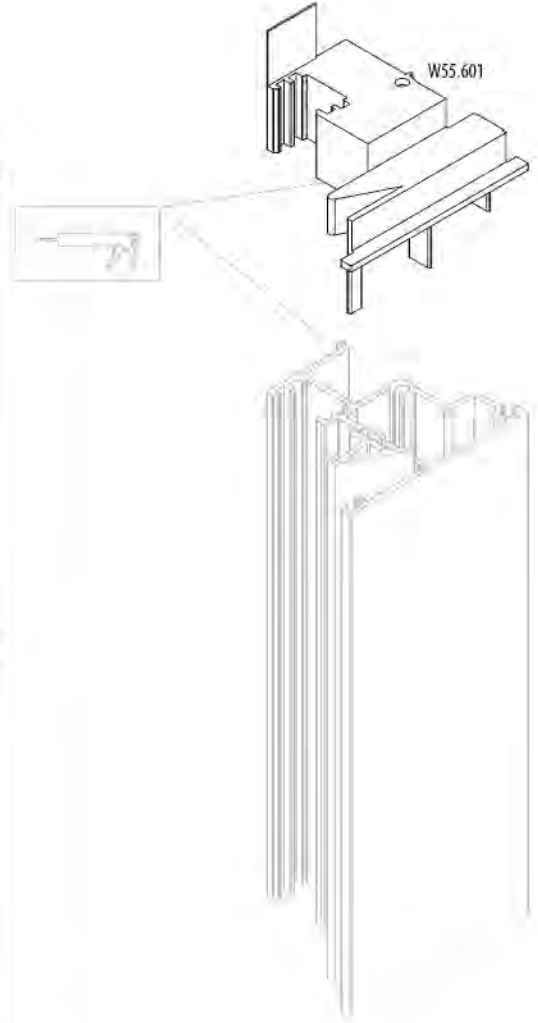
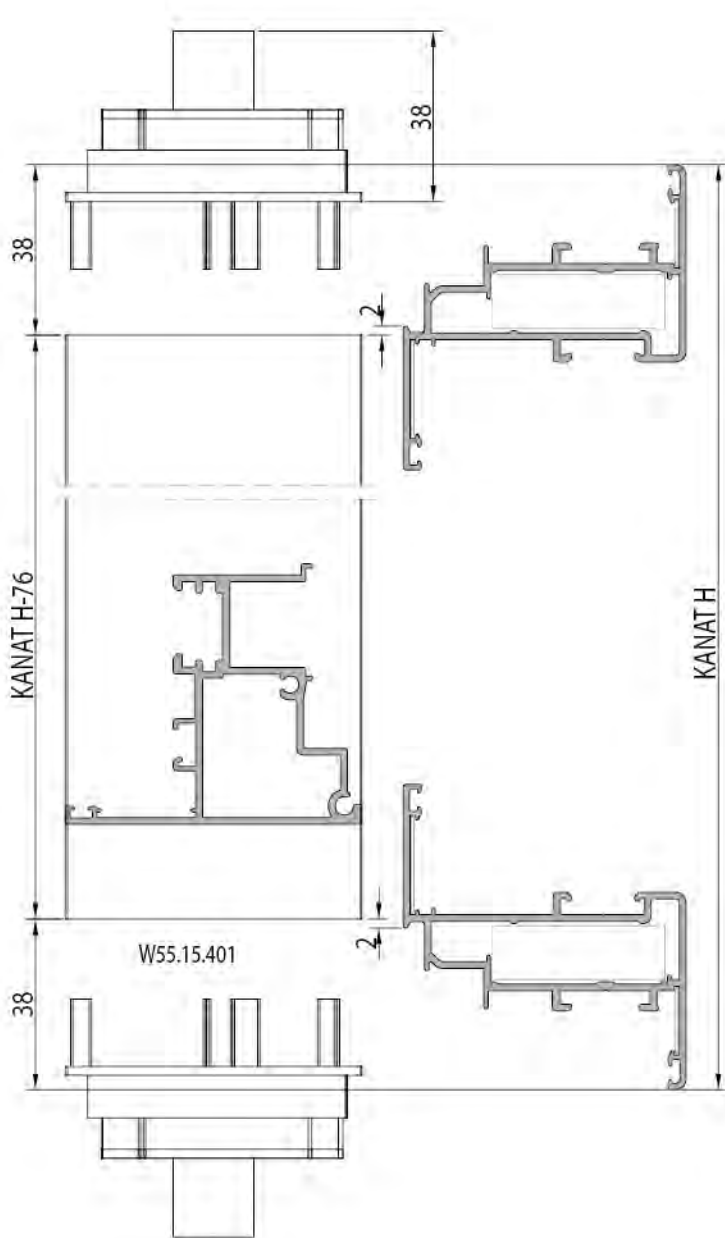
KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



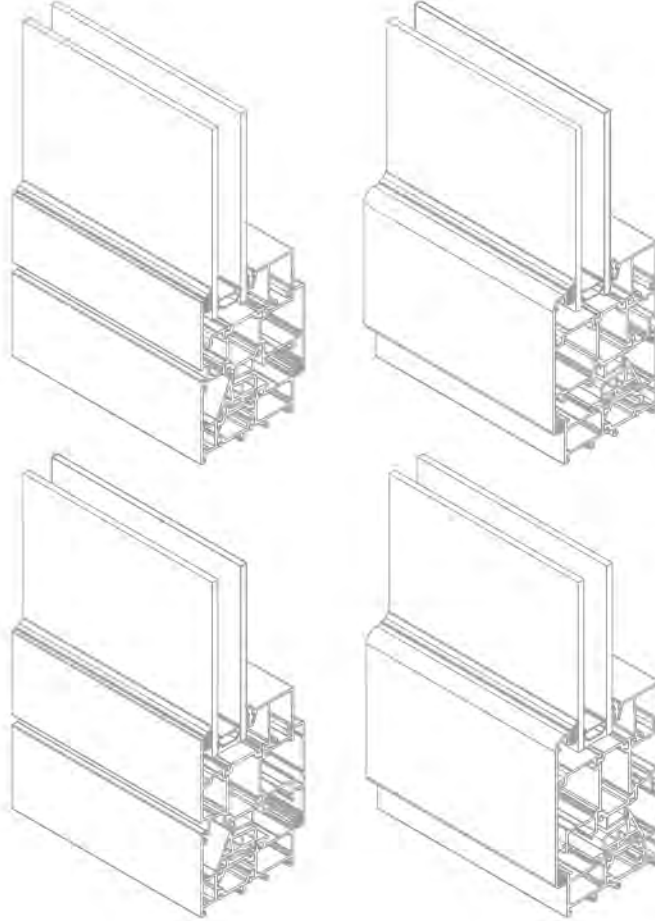


KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS





**W
6
5
+**



YALITIMLI PENCERE VE KAPI SİSTEMİ INSULATED WINDOW AND DOOR SYSTEM	W65+	KASA	FRAME	100	W65+ 15.101 SİSTEM GRUP PR NO
		ORTA KAYIT	MULLION	200	
		KANAT	SASH	300	
		ADAPTÖR, BAĞL. PR	ADAPTER	400	
		EPDM GRUP	EPDM GROUP	500	
		PVC GRUP	PVC GROUP	600	
		AÇILIM GRUP	OPENING GROUP	700	

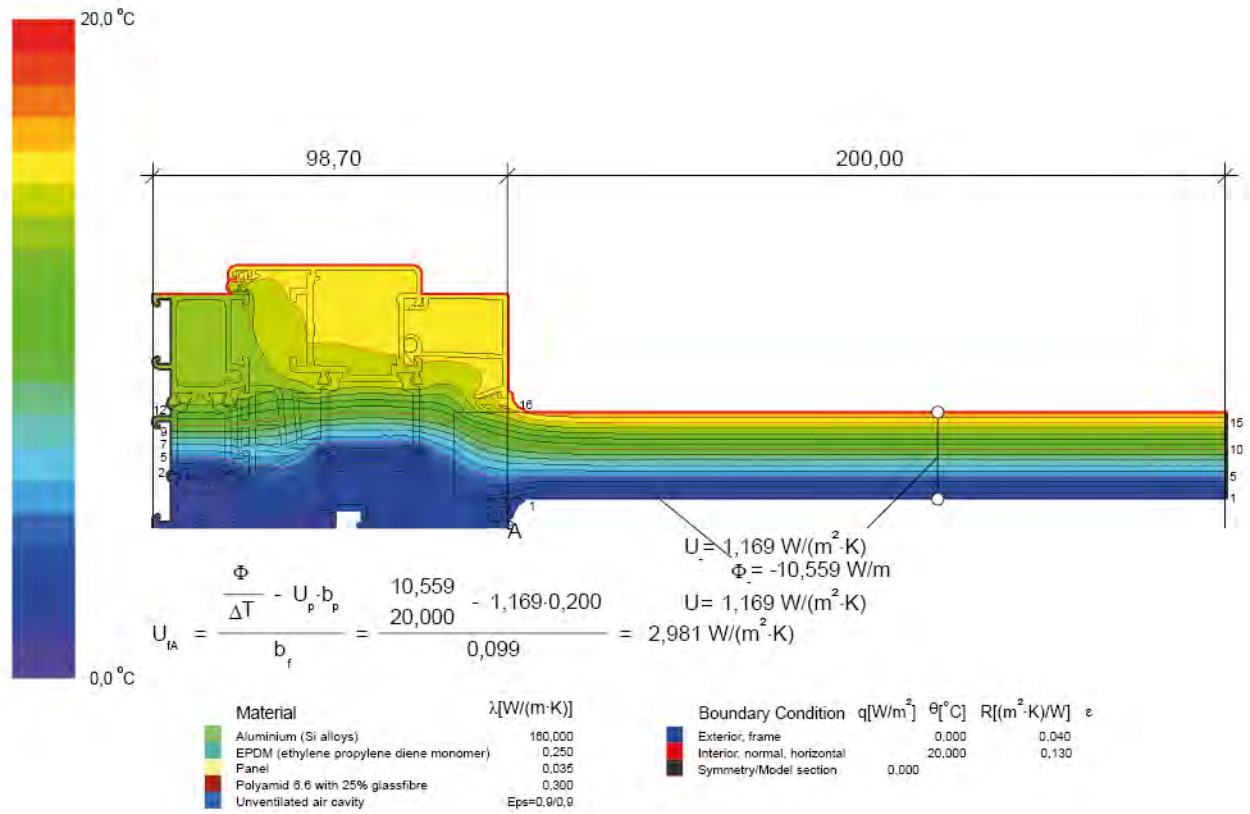
PROFİL ET KALINLIĞI	PROFILE THICKNESS	1,5-2 mm
KASA YÜKSEKLİĞİ	FRAME HEIGHT	65 mm
KANAT YÜKSEKLİĞİ	SASH HEIGHT	73 mm
ISI BARIYERİ	THERMAL ISULATION BAR	26 mm
CAM KALINLIĞI	GLASS THICKNESS	4-48 mm

ALAŞIM ÖZELLİKLERİ
ALLOY PROPERTIES

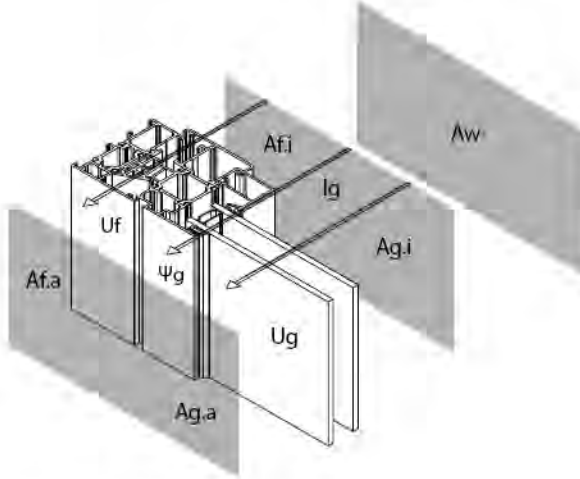
ÜRETİM VE MEKANİK STANDARTLAR
PRODUCTION AND MECHANICAL STANDARDS

EN AW 6060 (AlMgSi0,5 F22)
EN AW 6063 (AlMg0,7Si F22)

EN 12020-2 EN 755-9 EN 755-2



EN ISO 10077-2 ISI DEĞER HESAP METODU
METHOD FOR CALCULATION OF THERMAL TRANSMITTANCE ACCORDING
TO EN ISO 10077-2

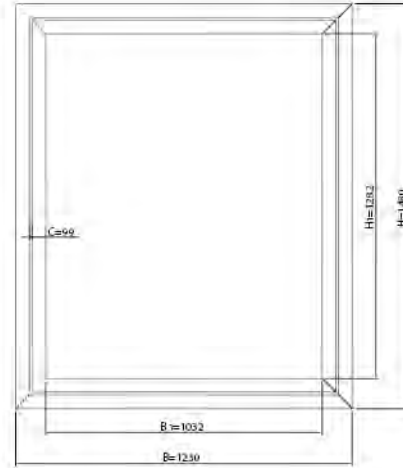


$$U_w = \frac{A_g \cdot U_g + A_f \cdot U_f + I_g \cdot \psi_g}{A_g + A_f}$$

A_w = Window (m2) -- ($A_f + A_g$)
 A_f = Frame (m2) -- Max. ($A_{f,i} : A_{f,e}$)
 I_g = Glazing (m) -- Max. ($I_{g,i} : I_{g,e}$)
 ψ_g = Glazing

Örnek Çözüm
Example

U_w - çerçeve ısı yalıtım katsayısı thermal transmittance coefficient of the whole structure
U_g - camı yalıtım katsayısı glass thermal transmittance coefficient
U_f - kasa kanat kesit ısı katsayısı thermal transmittance coefficient of the aluminum frame (frame and sash)
Ψ_g - cam içi spacer ısı değeri spacer linear thermal transmittance
I_g - spacer toplam uzunluğu total length of the spacer
A_g - cam alanı glass area
A_f - alüminyum kasa, kanat çerçeve alanı aluminum frame area (frame and sash)



$$A_f = (2 \cdot B1 \cdot C) + (2 \cdot H \cdot C)$$

$$A_f = (2 \cdot 1.032 \cdot 0.099) + (2 \cdot 1.480 \cdot 0.099)$$

$$A_f = 0.204336 + 0.29304$$

$$A_f = 0.50 \text{ m}^2$$

$$A_g = B1 \cdot H1 = 1.032 \cdot 1.282 = 1.32 \text{ m}^2$$

$$U_w = \frac{A_g \cdot U_g + A_f \cdot U_f + I_g \cdot \psi_g}{A_g + A_f}$$

$$U_w = \frac{1.32 \cdot 2.0 + 0.50 \cdot 2.84 + 4.75 \cdot 0.11}{1.32 + 0.50}$$

$$U_w = 2.25 \text{ W/m}^2\text{K}$$

$B = 1230 \text{ mm}$
 $H = 1480 \text{ mm}$
 $B1 = 1032 \text{ mm}$
 $H1 = 1282 \text{ mm}$
 $C = 99 \text{ mm}$
 $U_f = 2.84 \text{ W/m}^2\text{K}$
 $U_g = 2.0 \text{ W/m}^2\text{K}$
 $\Psi_g = 0.11 \text{ W/m}^2\text{K}$
 $I_g = 4.748 \text{ mm}$

Ψ_g - EN ISO 10077-1 uyarınca standart spacer değeri
 Ψ_g - values for standart spacers in accordance with EN ISO 10077-1



Köşe takoz profili
Corner cleat profile

W55.450-1	7 mm
W55.450-2	23,2 mm
W55.450-3	25,4 mm
W55.450-4	24,7 mm

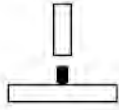
W55.453-1	7 mm
W55.453-2	13,1 mm

W55.454-1	7 mm
W55.454-2	23,2 mm
W55.454-3	18,5 mm

W55.455-1	7 mm
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W55.451-1	7 mm
W55.451-2	23,2 mm
W55.451-3	25,4 mm
W55.451-4	13,1 mm

W55.452-1	7 mm
W55.452-2	23,2 mm
W55.452-3	25,4 mm
W55.452-4	18,5 mm



Orta kayıt bağlantı
Mullion connection

LS55.443-2	12,5 mm
LS55.443-3	22,5 mm
LS55.443-5	32,6 mm
LS55.443-6	25 mm

LS55.444-2	12,5 mm
LS55.444-3	22,5 mm
LS55.444-5	32,6 mm
LS55.444-6	25 mm

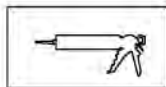


Köşe onbaşı
Corner cleat

LS55617 LS55618



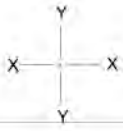
Yatay sayfa
Page horizontal



Silikon
Silicone

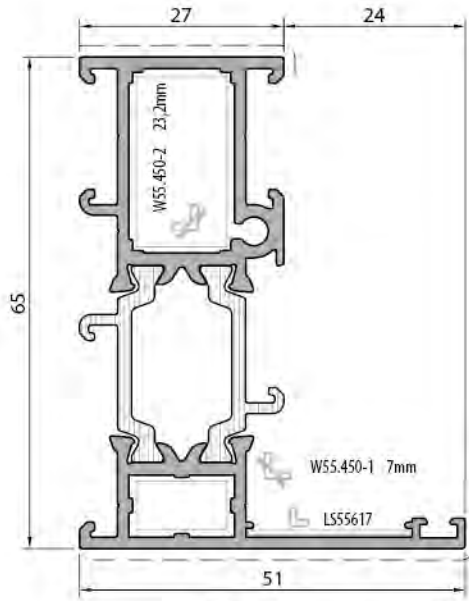


Dikkat
Attention

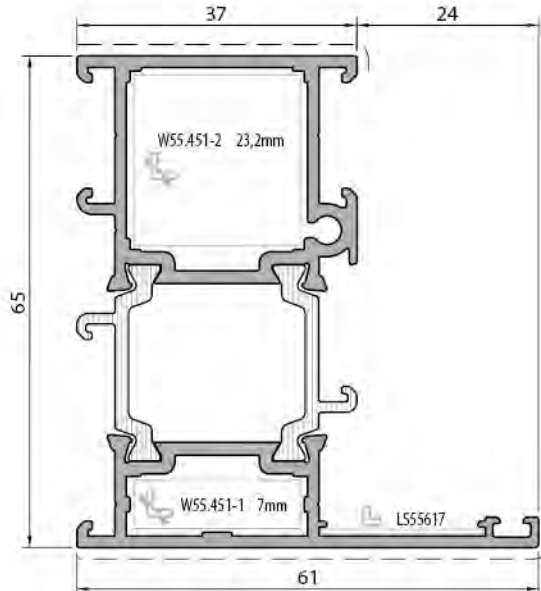


W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

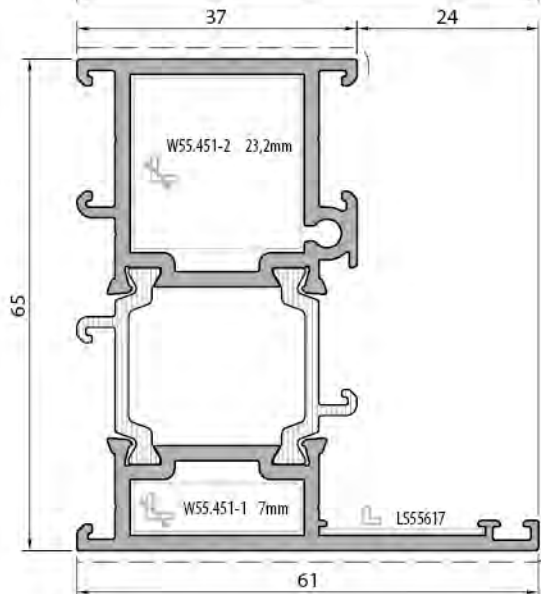
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kasa Profili / Frame profile	
W65+15.101	
Weight : 1,218 kg/m	
lx : 21,03 cm ⁴	Wx : 5,98 cm ³
ly : 4,34 cm ⁴	Wy : 1,27 cm ³

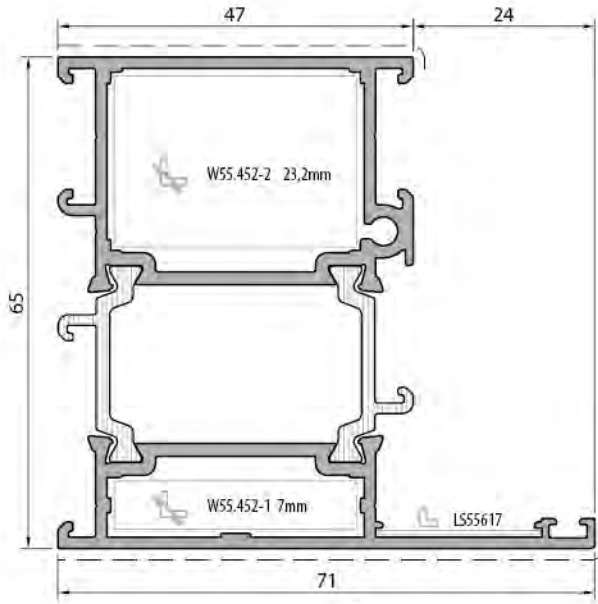


Kasa Profili / Frame profile	
W65+15.102	
Weight : 1,402 kg/m	
lx : 24,59 cm ⁴	Wx : 6,92 cm ³
ly : 8,56 cm ⁴	Wy : 2,20 cm ³

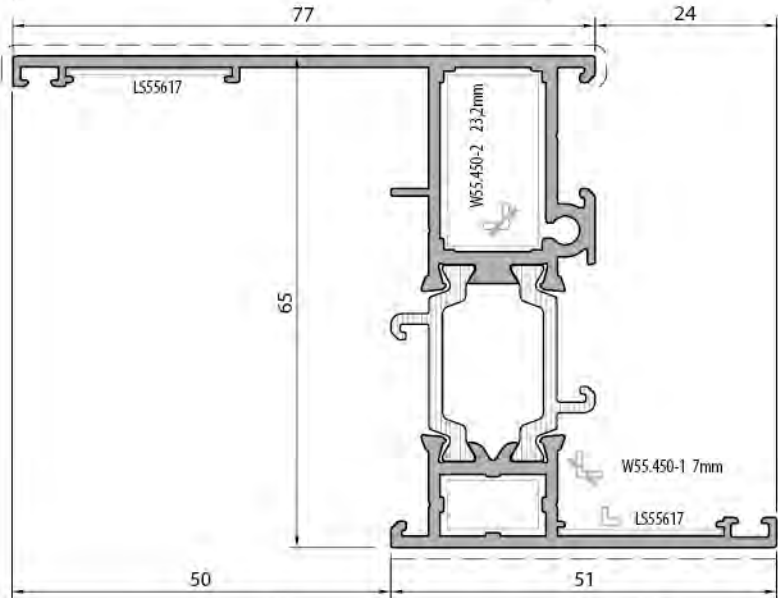


Kasa Profili / Frame profile	
W65+20.102	
Weight : 1,570 kg/m	
lx : 35,16 cm ⁴	Wx : 9,90 cm ³
ly : 9,48 cm ⁴	Wy : 2,43 cm ³

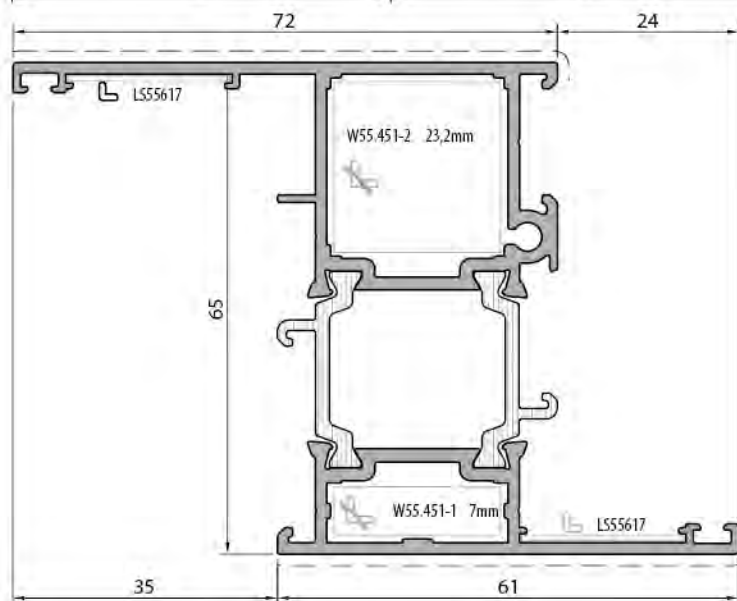
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
 Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



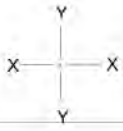
Kasa Profili / Frame profile	
W65+15.103	
Weight : 1,574 kg/m	
$I_x : 28,24 \text{ cm}^4$	$W_x : 7,91 \text{ cm}^3$
$I_y : 14,80 \text{ cm}^4$	$W_y : 3,37 \text{ cm}^3$



Kasa Profili / Frame profile	
W65+15.104	
Weight : 1,380 kg/m	
$I_x : 27,73 \text{ cm}^4$	$W_x : 7,79 \text{ cm}^3$
$I_y : 10,47 \text{ cm}^4$	$W_y : 1,76 \text{ cm}^3$

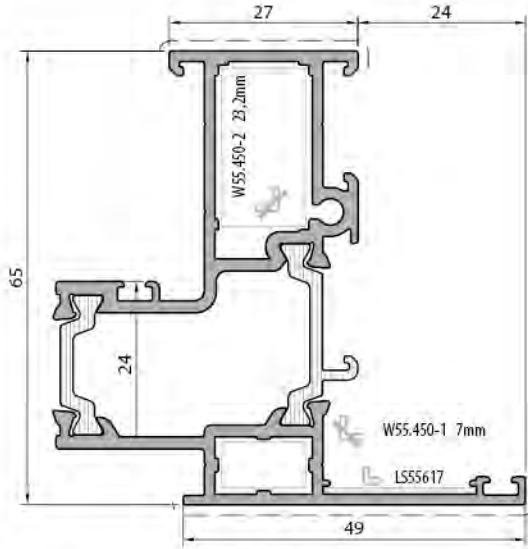


Kasa Profili / Frame profile	
W65+15.106	
Weight : 1,628 kg/m	
$I_x : 29,77 \text{ cm}^4$	$W_x : 8,90 \text{ cm}^3$
$I_y : 12,43 \text{ cm}^4$	$W_y : 2,84 \text{ cm}^3$



W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Cephe İçi Kasa Profili / inner frame curtain profile

W65+15.107

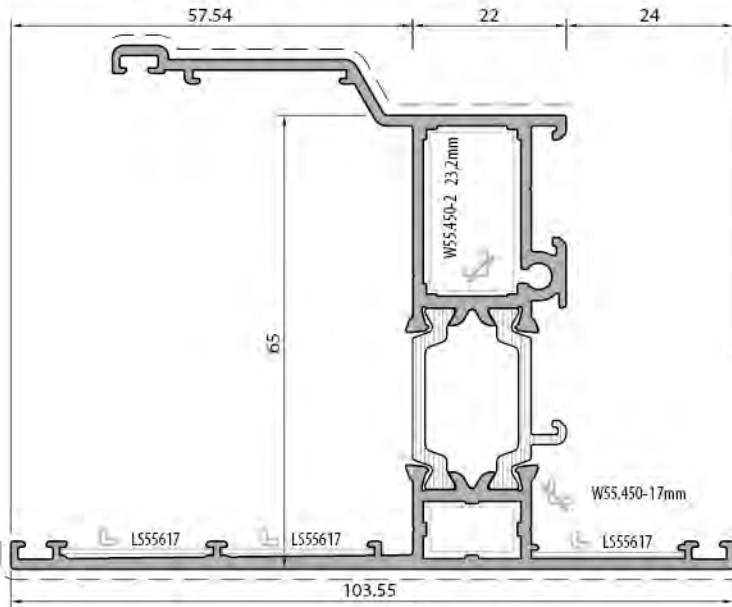
Weight : 1,423 kg/m

$I_x : 23,47 \text{ cm}^4$

$W_x : 6,33 \text{ cm}^3$

$I_y : 9,91 \text{ cm}^4$

$W_y : 2,54 \text{ cm}^3$



Kasa Profili / Frame profile

W65+15.108

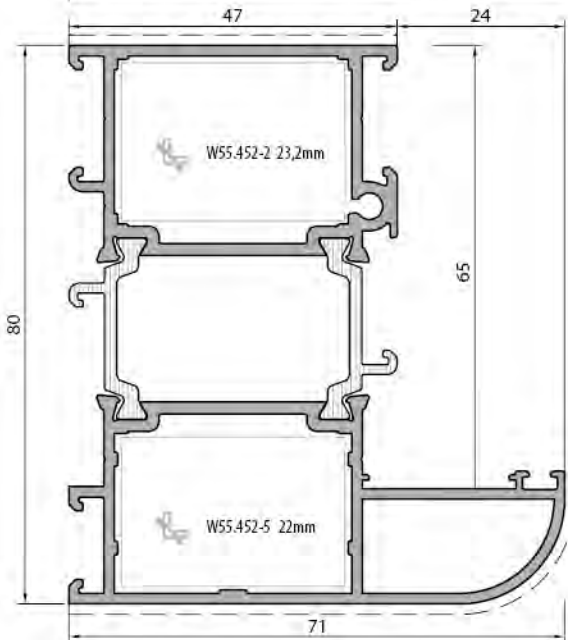
Weight : 1,660 kg/m

$I_x : 39,12 \text{ cm}^4$

$W_x : 6,87 \text{ cm}^3$

$I_y : 27,75 \text{ cm}^4$

$W_y : 6,13 \text{ cm}^3$



Kasa Profili / Frame profile

W65+15.109

Weight : 1,878 kg/m

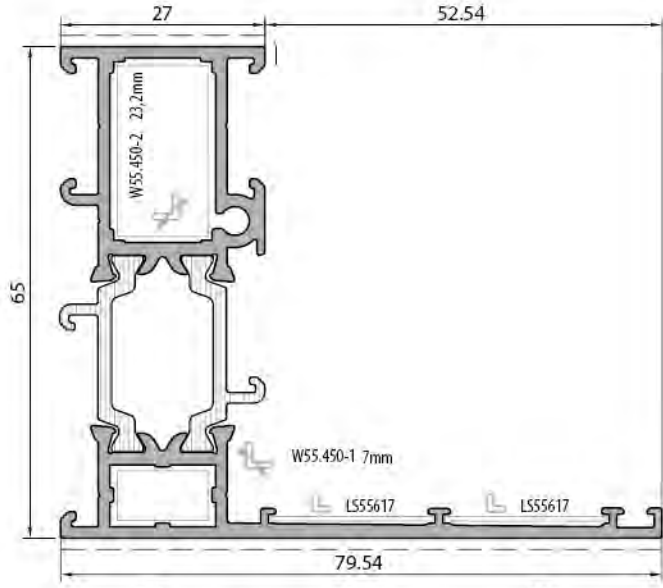
$I_x : 47,07 \text{ cm}^4$

$W_x : 7,44 \text{ cm}^3$

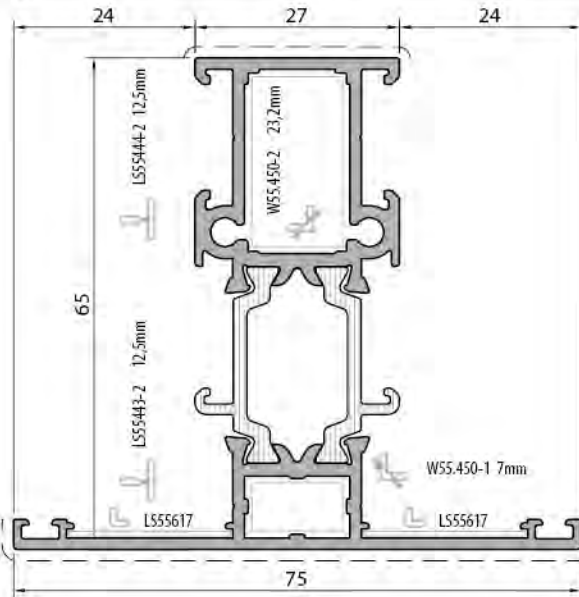
$I_y : 21,95 \text{ cm}^4$

$W_y : 4,98 \text{ cm}^3$

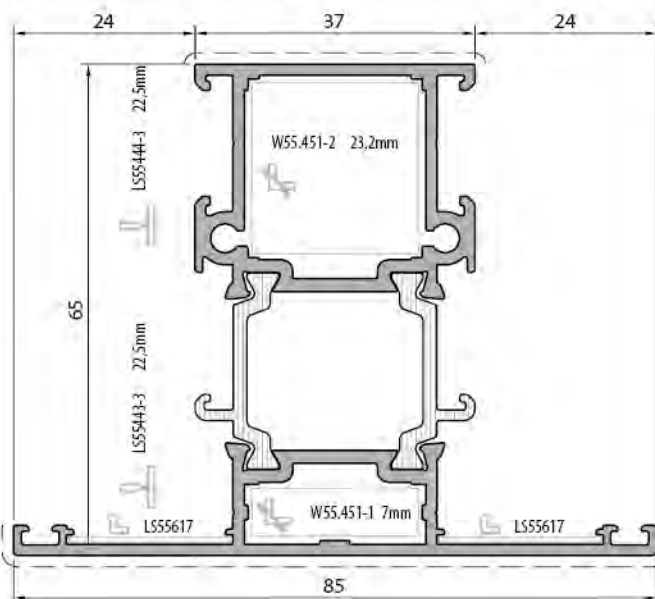
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



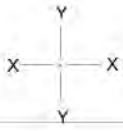
Kasa Profili / Frame profile	
W65+15.110	
Weight : 1,385 kg/m	
lx : 25,40 cm ⁴	Wx : 6,47 cm ³
ly : 10,36 cm ⁴	Wy : 1,83 cm ³



Orta Kayıt Profili / Mullion profile	
W65+15.201	
Weight : 1,368 kg/m	
lx : 24,37 cm ⁴	Wx : 6,50 cm ³
ly : 8,77 cm ⁴	Wy : 2,34 cm ³

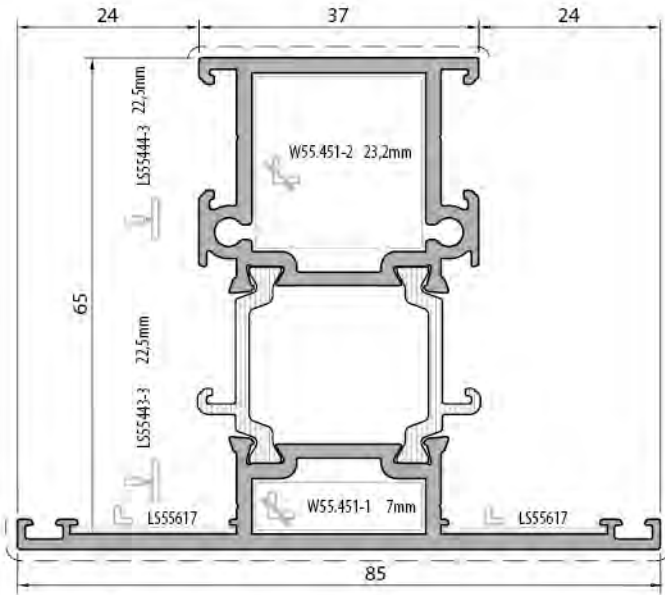


Orta Kayıt Profili / Mullion profile	
W65+15.202	
Weight : 1,551 kg/m	
lx : 28,01 cm ⁴	Wx : 7,47 cm ³
ly : 14,74 cm ⁴	Wy : 3,46 cm ³



W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Orta Kayıt Profili / Mullion profile

W65+20.202

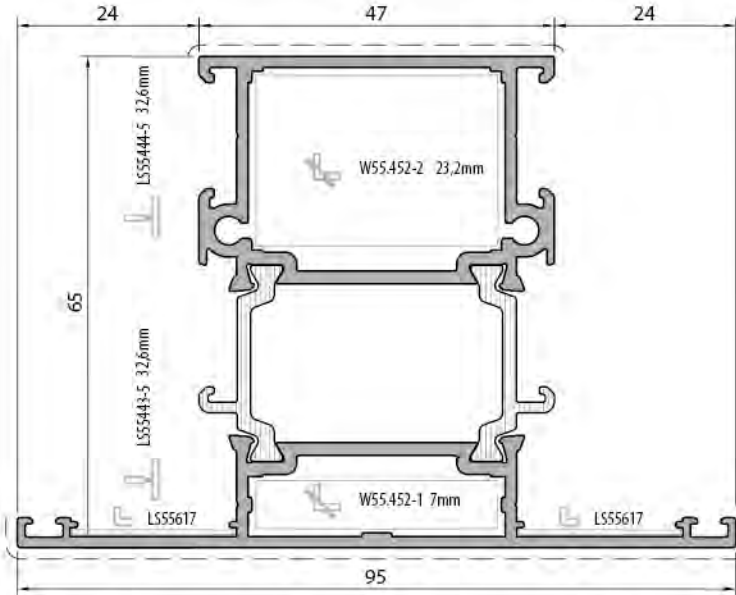
Weight : 1,719 kg/m

Ix : 33,00 cm⁴

Wx : 7,47 cm³

Iy : 16,60 cm⁴

Wy : 3,46 cm³



Orta Kayıt Profili / Mullion profile

W65+15.203

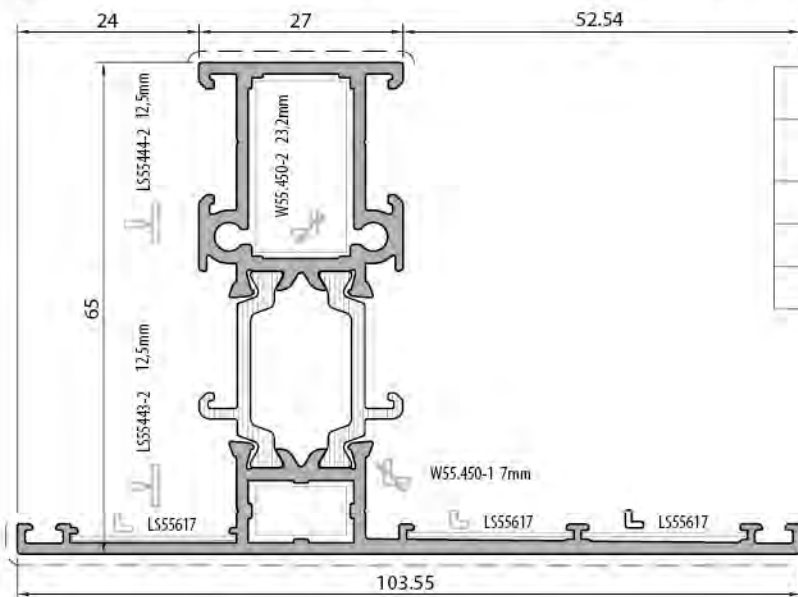
Weight : 1,724 kg/m

Ix : 31,58 cm⁴

Wx : 8,44 cm³

Iy : 23,19 cm⁴

Wy : 4,88 cm³



Orta Kayıt Profili / Mullion profile

W65+15.210

Weight : 1,536 kg/m

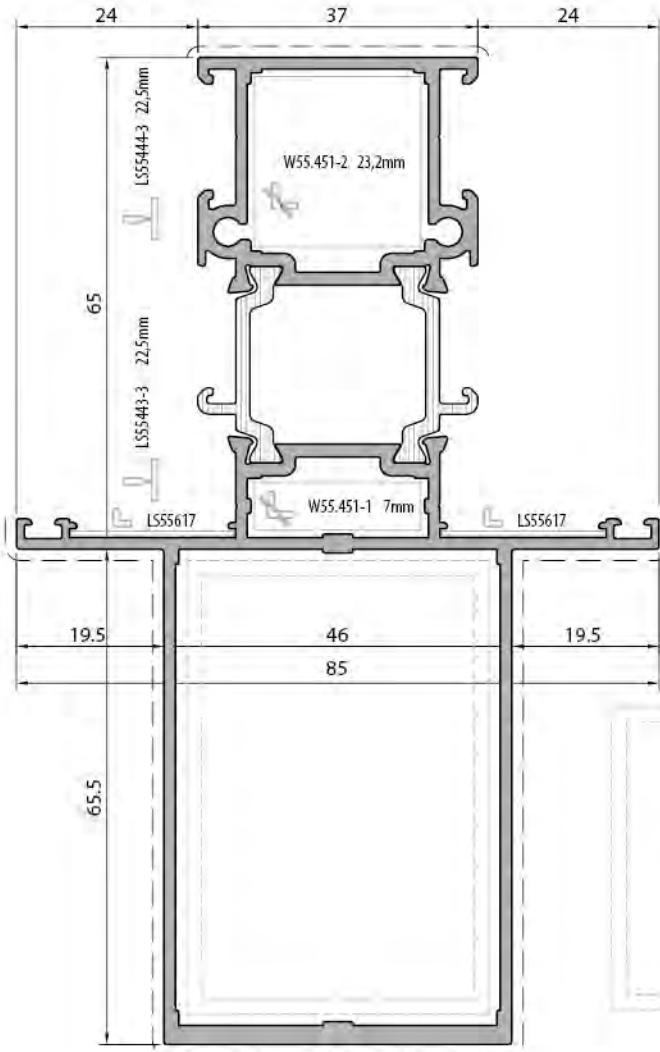
Ix : 28,14 cm⁴

Wx : 6,90 cm³

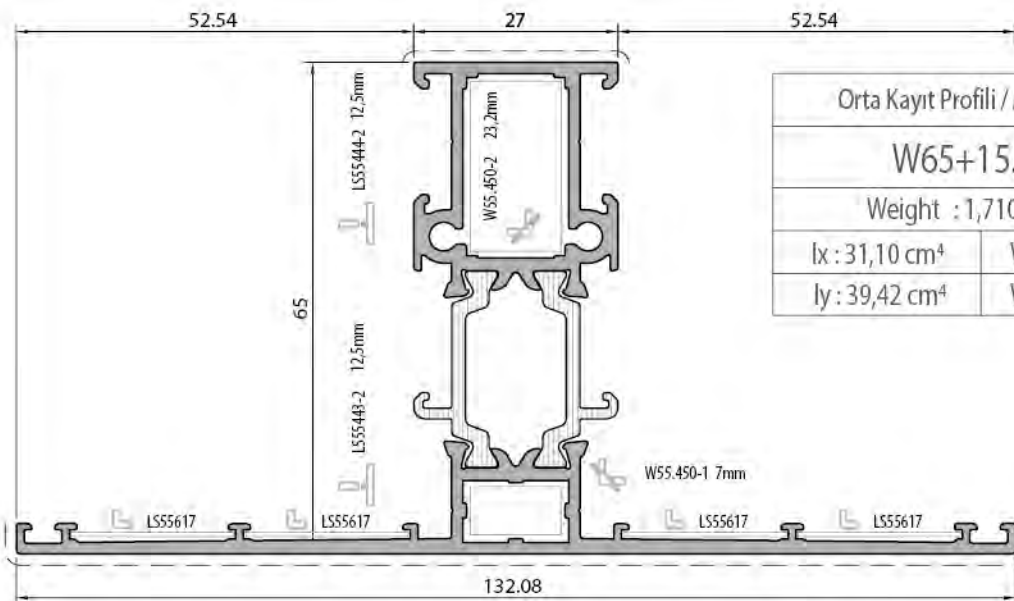
Iy : 17,88 cm⁴

Wy : 2,97 cm³

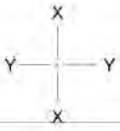
Profil değerleri teoretiktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
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Orta Kayıt Profili / Mullion profile	
W65+15.204	
Weight : 2,471 kg/m	
lx : 139,93 cm ⁴	Wx : 21,28 cm ³
ly : 26,30 cm ⁴	Wy : 6,18 cm ³

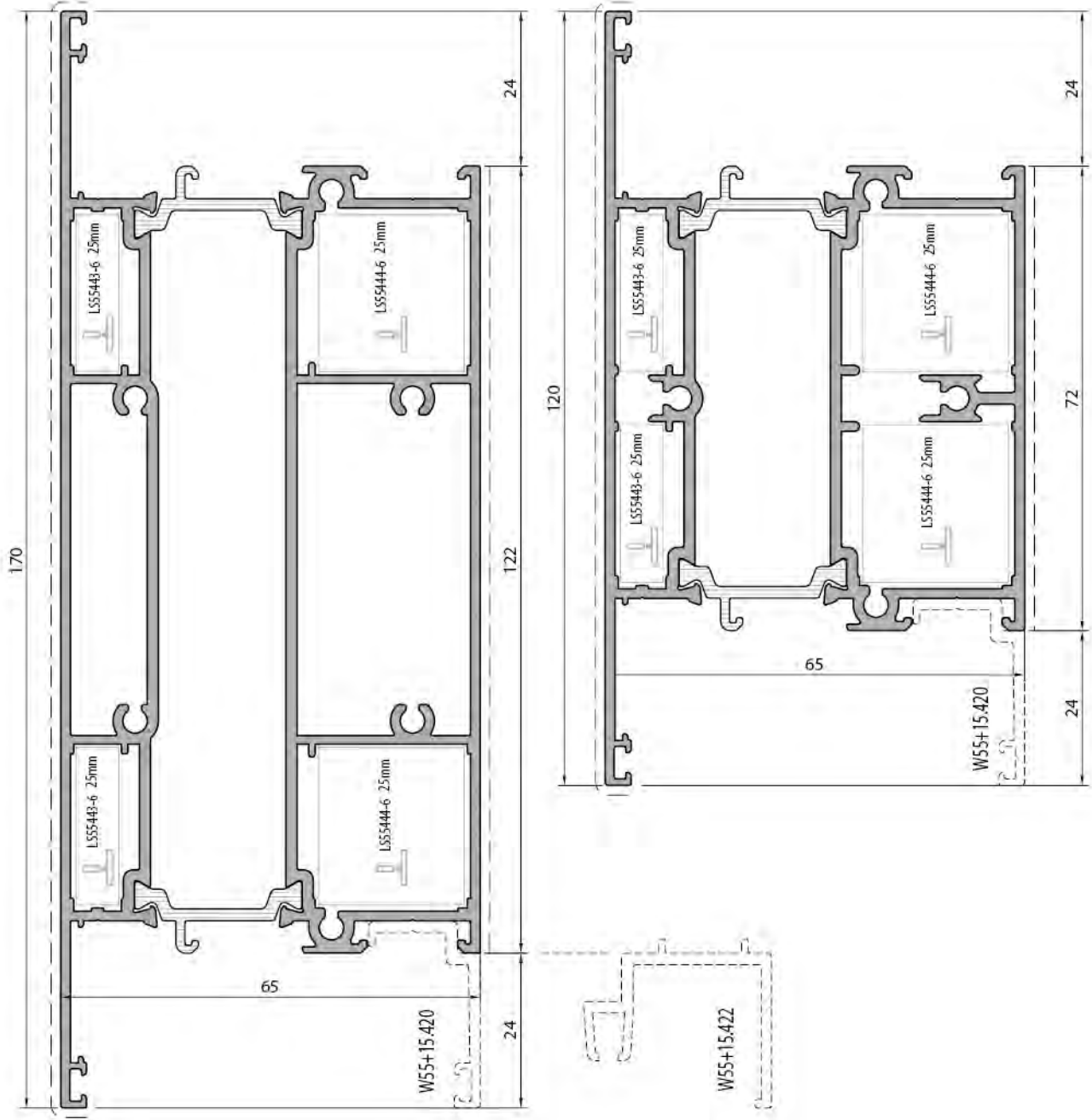


Orta Kayıt Profili / Mullion profile	
W65+15.211	
Weight : 1,710 kg/m	
lx : 31,10 cm ⁴	Wx : 4,70 cm ³
ly : 39,42 cm ⁴	Wy : 9,09 cm ³



W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



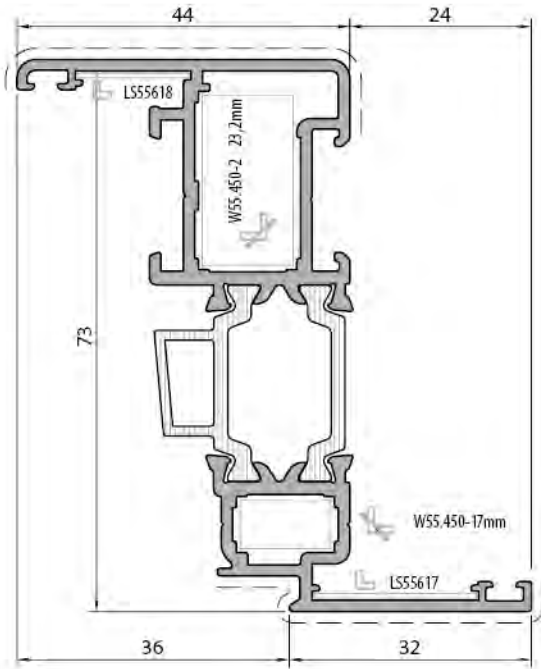
Orta Kayıt+Etek Profili / Mullion +bottom sash profile

W65+15.215	
Weight : 1,710 kg/m	
Ix 31,10 cm ⁴	Wx : 4,70 cm ³
Iy 39,42 cm ⁴	Wy : 9,09 cm ³

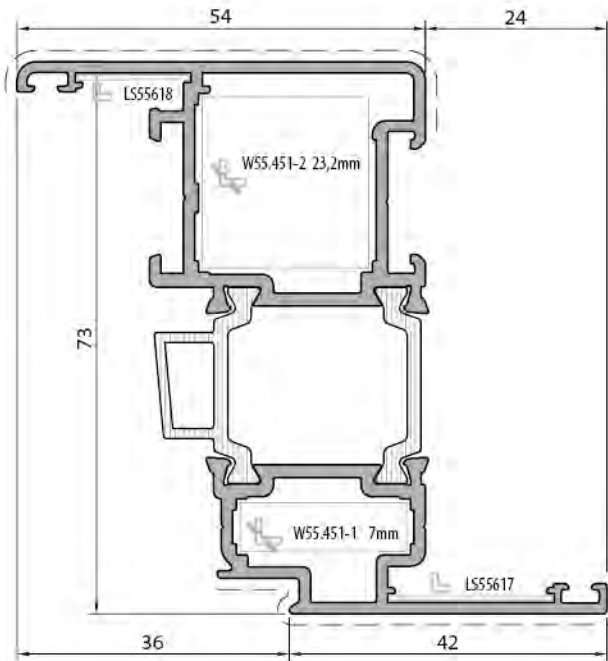
Orta Kayıt+Etek Profili / Mullion +bottom sash profile

W65+15.216	
Weight : 2,354 kg/m	
Ix 45,07 cm ⁴	Wx : 12,50 cm ³
Iy 57,55 cm ⁴	Wy : 9,60 cm ³

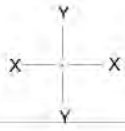
Profil değerleri teoretiktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
 Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+15.301	
Weight : 1,375 kg/m	
$I_x : 30,13 \text{ cm}^4$	$W_x : 7,84 \text{ cm}^3$
$I_y : 4,25 \text{ cm}^4$	$W_y : 1,27 \text{ cm}^3$

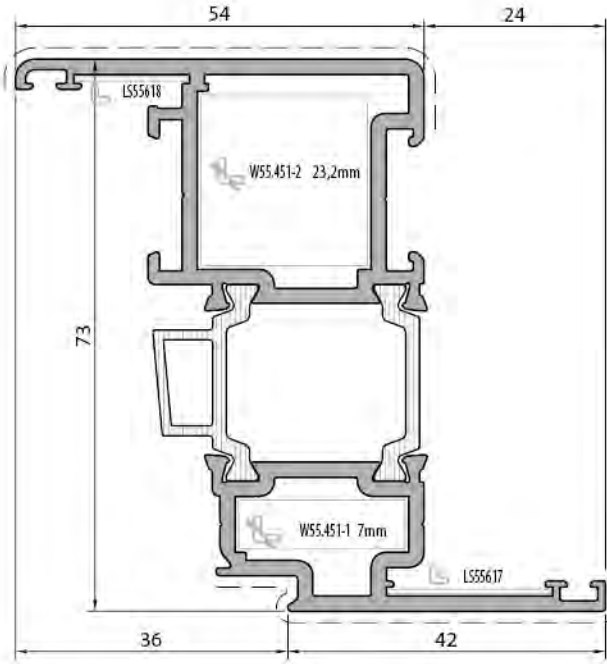


Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+15.302	
Weight : 1,602 kg/m	
$I_x : 37,13 \text{ cm}^4$	$W_x : 9,95 \text{ cm}^3$
$I_y : 8,42 \text{ cm}^4$	$W_y : 2,12 \text{ cm}^3$

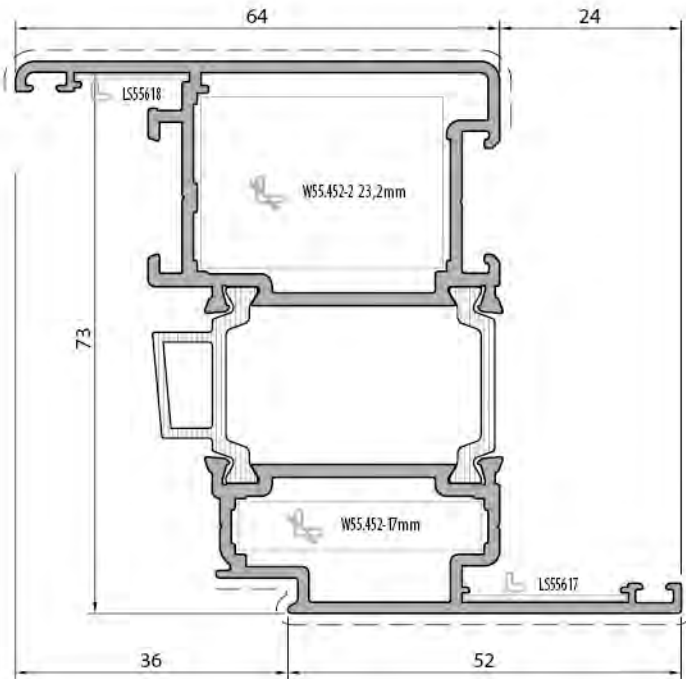


W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

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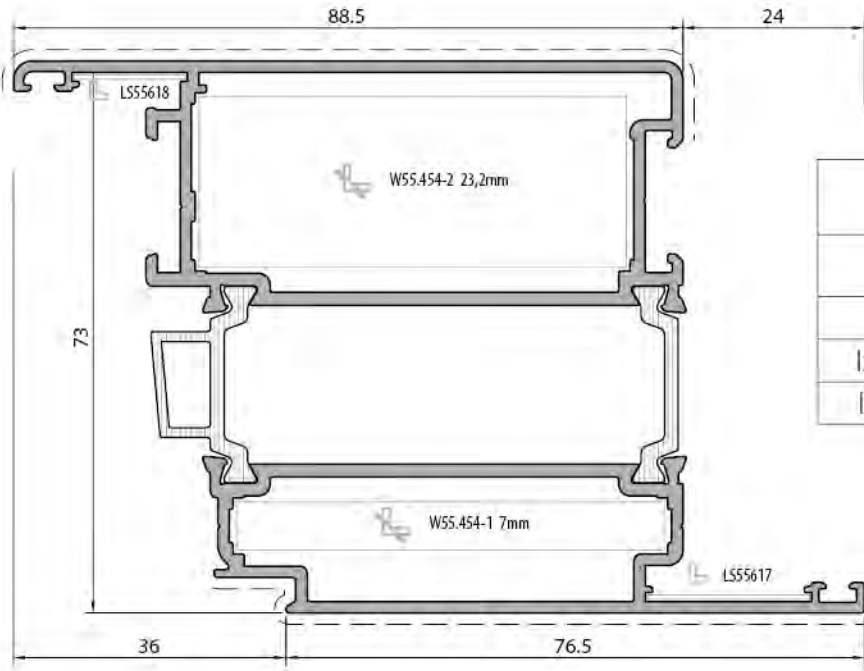


Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+20.302	
Weight : 1,760 kg/m	
$I_x : 40,77 \text{ cm}^4$	$W_x : 10,87 \text{ cm}^3$
$I_y : 9,66 \text{ cm}^4$	$W_y : 2,50 \text{ cm}^3$

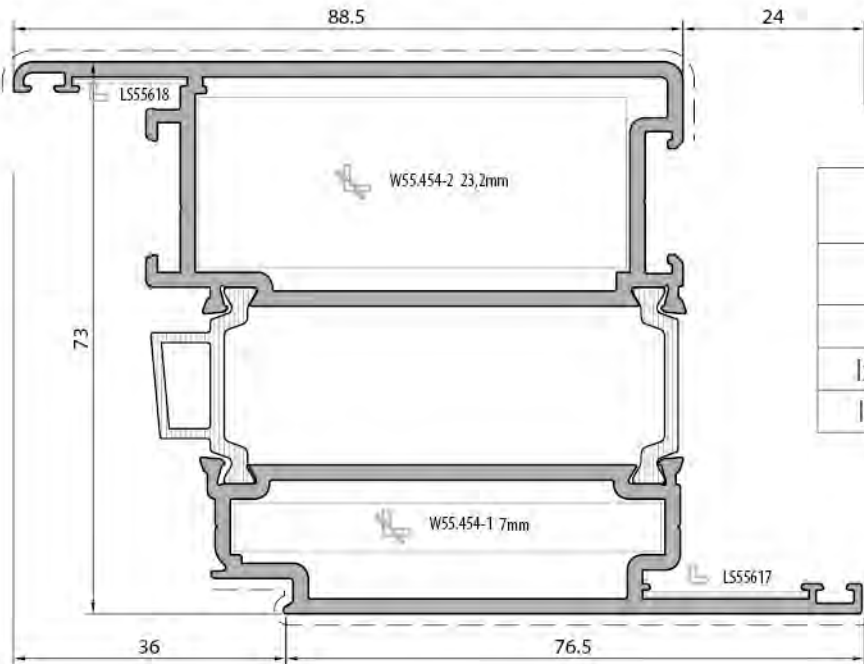


Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+15.303	
Weight : 1,775 kg/m	
$I_x : 38,34 \text{ cm}^4$	$W_x : 10,41 \text{ cm}^3$
$I_y : 14,04 \text{ cm}^4$	$W_y : 3,15 \text{ cm}^3$

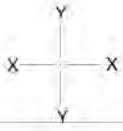
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
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Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+15.304	
Weight : 2,168 kg/m	
Ix : 49,45 cm ⁴	Wx : 13,37 cm ³
Iy : 68,07 cm ⁴	Wy : 11,99 cm ³

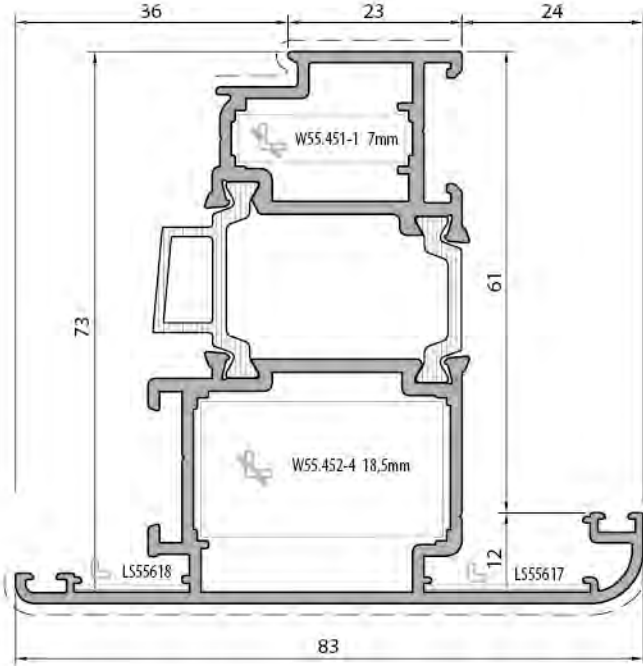


Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+20.304	
Weight : 2,522 kg/m	
Ix : 61,26 cm ⁴	Wx : 16,63 cm ³
Iy : 41,82 cm ⁴	Wy : 7,44 cm ³

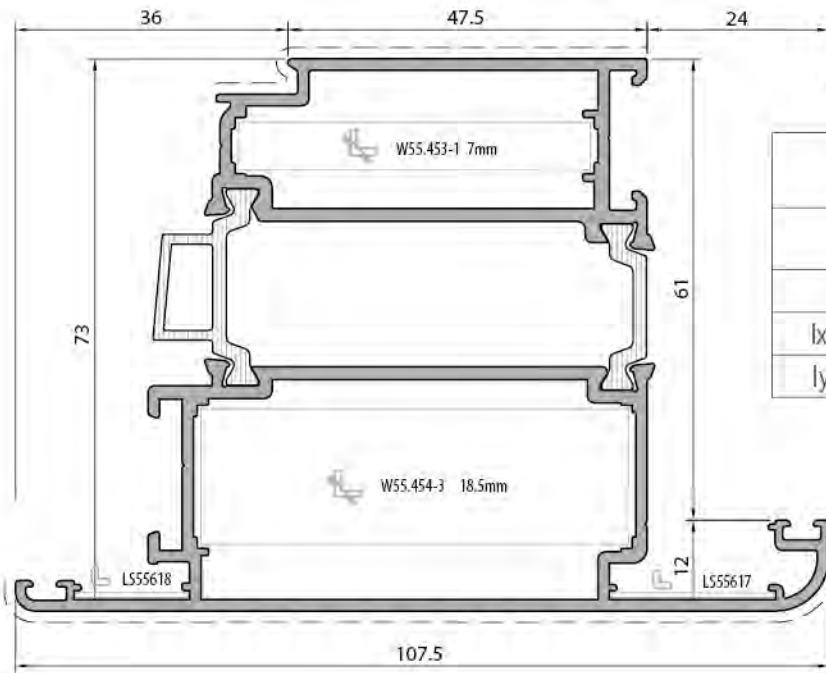


W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

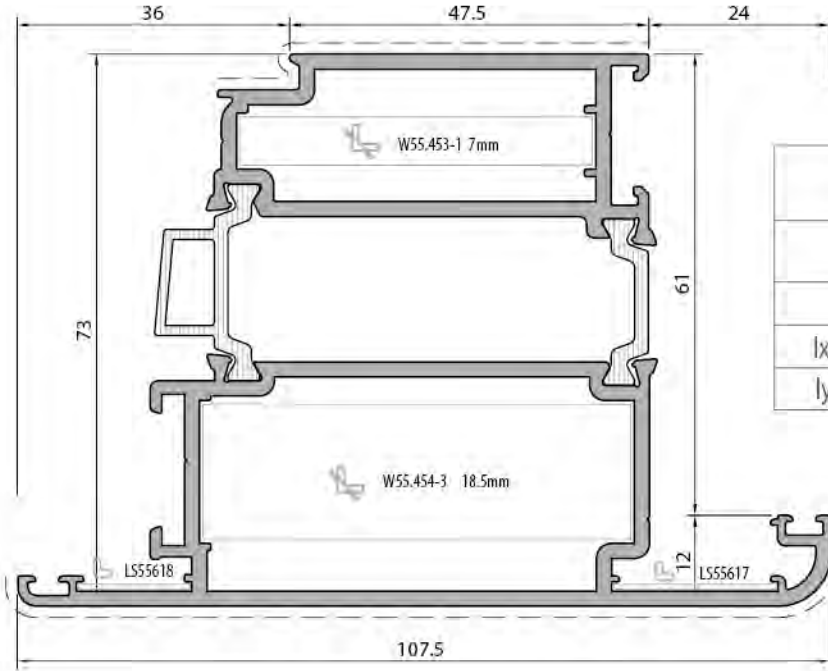


Kanat Profili (dışa açılır) Sash profile (outward opening)	
W65+15.310	
Weight : 1,736 kg/m	
lx : 35,81 cm ⁴	Wx : 11,79 cm ³
ly : 19,14 cm ⁴	Wy : 4,71 cm ³

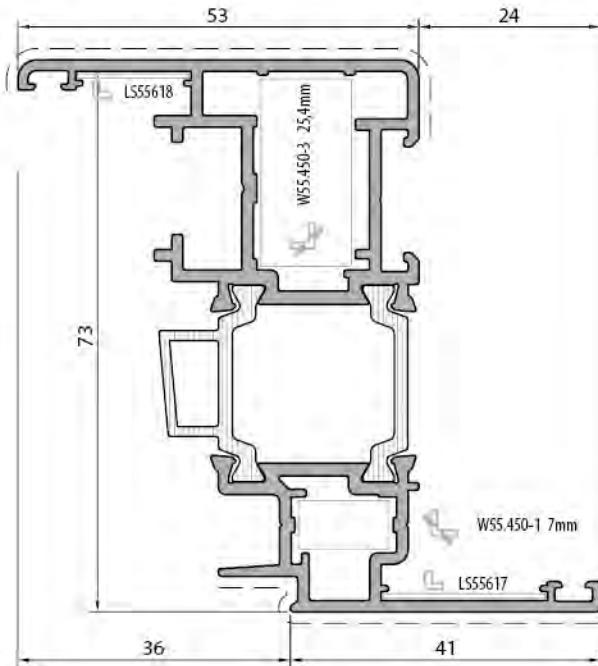


Kanat Profili (dışa açılır) Sash profile (outward opening)	
W65+15.311	
Weight : 2,159 kg/m	
lx : 47,29 cm ⁴	Wx : 11,55 cm ³
ly : 50,18 cm ⁴	Wy : 9,16 cm ³

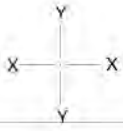
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
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Kanat Profili (dışa açılır) Sash profile (outward opening)	
W65+20.311	
Weight : 2,486 kg/m	
Ix : 57,58 cm ⁴	Wx : 13,89 cm ³
Iy : 57,18 cm ⁴	Wy : 10,42 cm ³

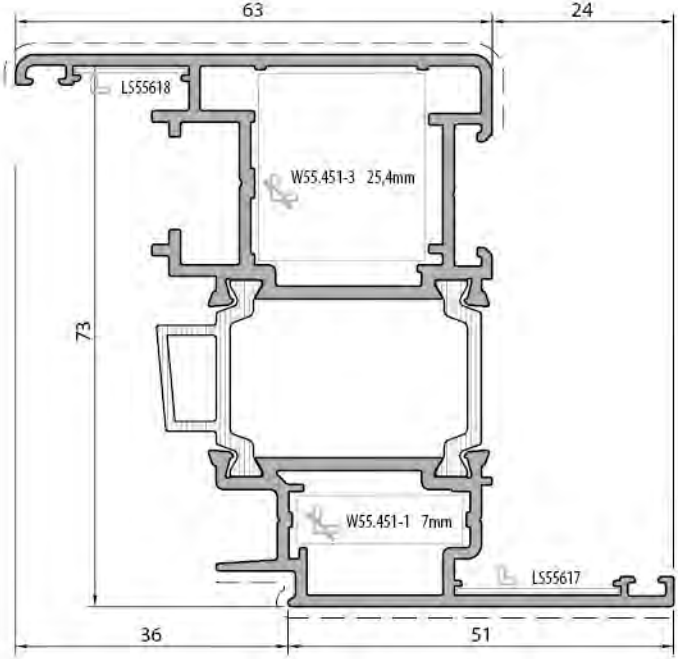


Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+15.316	
Weight : 1,623 kg/m	
Ix : 33,42 cm ⁴	Wx : 8,74 cm ³
Iy : 7,24 cm ⁴	Wy : 1,89 cm ³

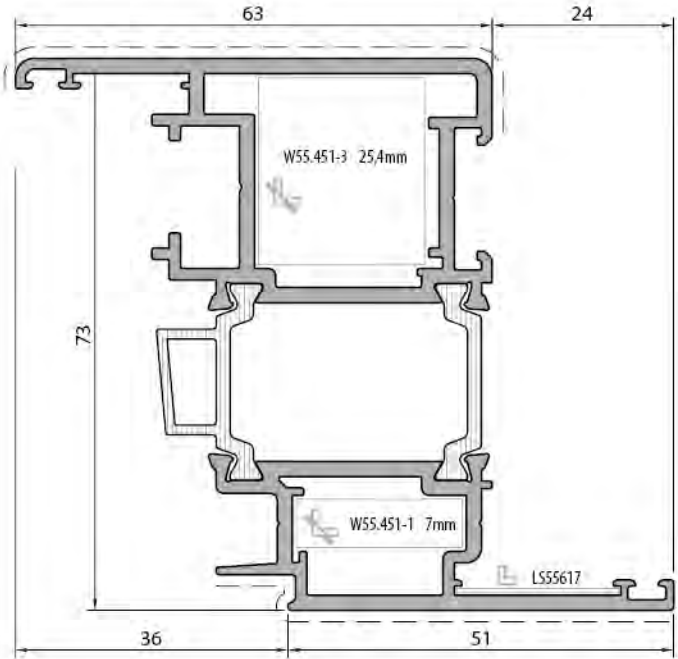


W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

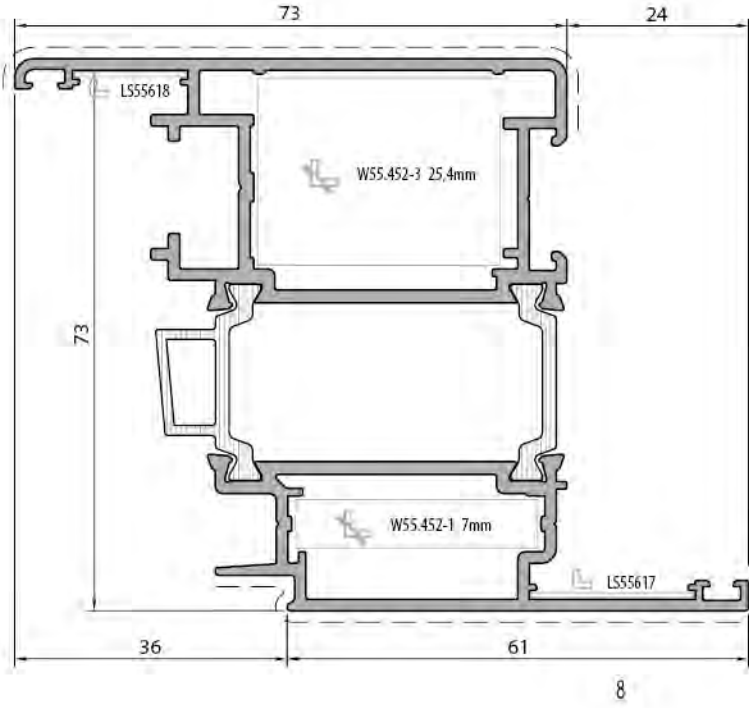


Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+15.317	
Weight : 1,766 kg/m	
lx : 38,39 cm ⁴	Wx : 10,19 cm ³
ly : 12,85 cm ⁴	Wy : 2,94 cm ³

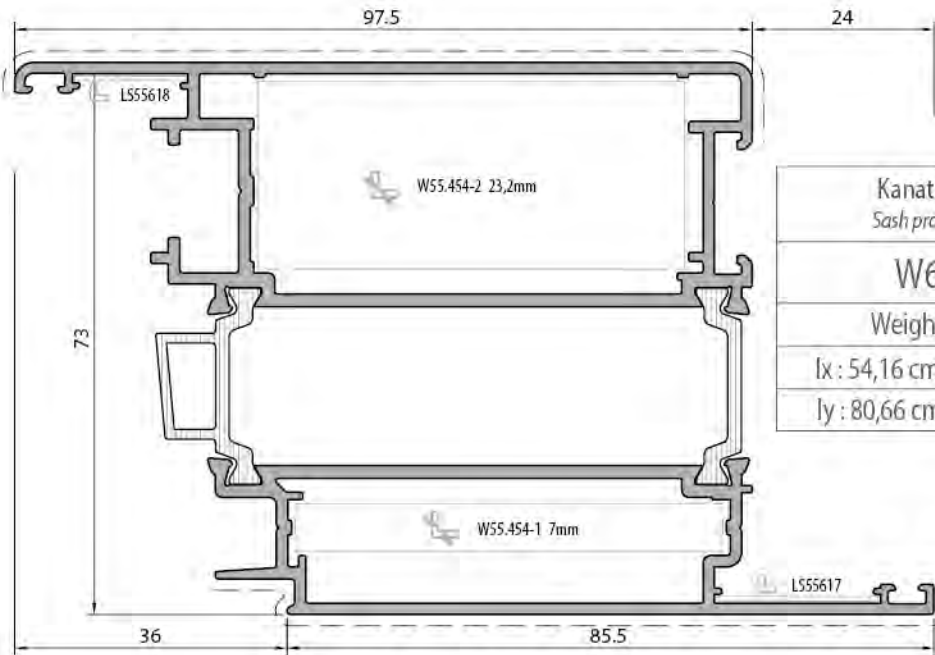


Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+20.317	
Weight : 1,964 kg/m	
lx : 52,54 cm ⁴	Wx : 13,82 cm ³
ly : 14,41 cm ⁴	Wy : 3,30 cm ³

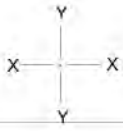
Profil değerleri teoretiktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+15.318	
Weight : 1,939 kg/m	
Ix : 43,09 cm ⁴	Wx : 11,58 cm ³
Iy : 20,29 cm ⁴	Wy : 4,16 cm ³

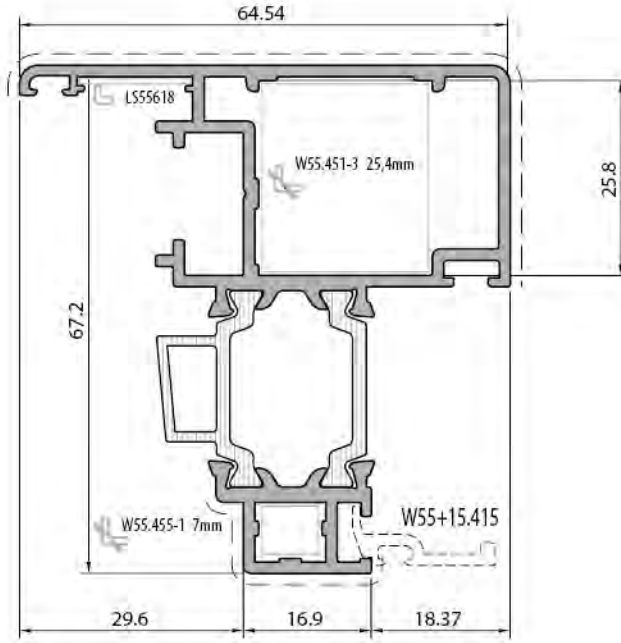


Kanat Profili (içe açılır) Sash profile (inward opening)	
W65+15.319	
Weight : 2,362 kg/m	
Ix : 54,16 cm ⁴	Wx : 14,87 cm ³
Iy : 80,66 cm ⁴	Wy : 13,18 cm ³

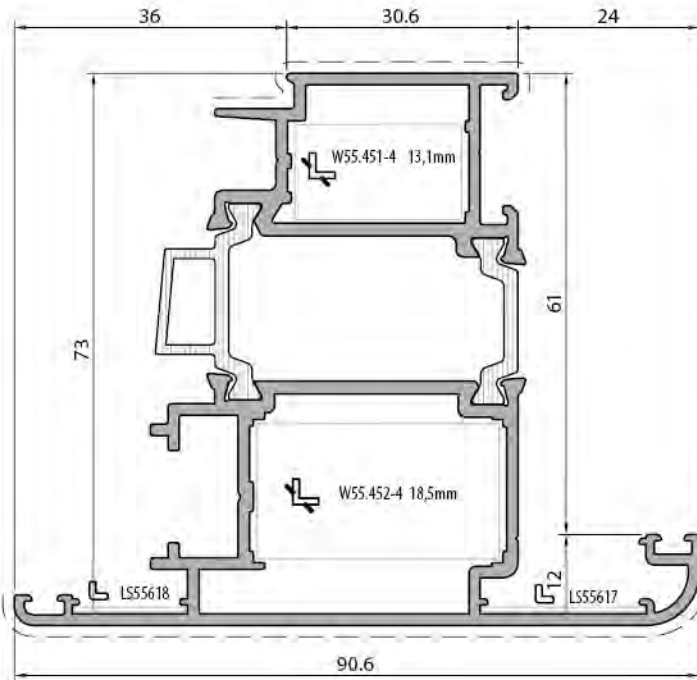


W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

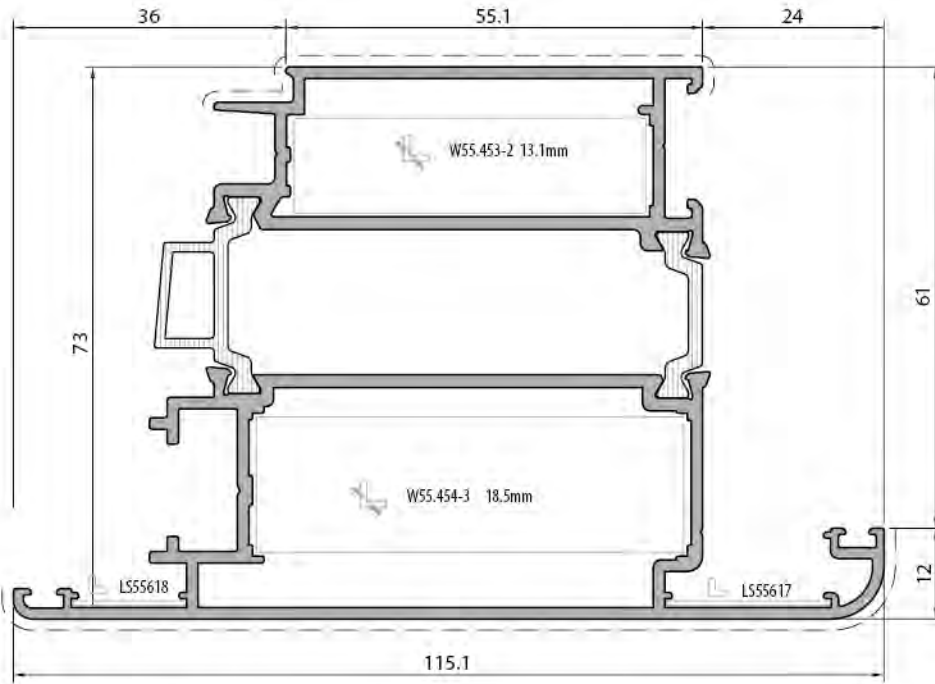


Kanat Profili (gizli kanat) Sash profile (hidden sash)	
W65+15.320	
Weight : 1,437 kg/m	
Ix : 22,62 cm ⁴	Wx : 5,54 cm ³
Iy : 10,48 cm ⁴	Wy : 2,80 cm ³



Kanat Profili (dışa açılır) Sash profile (outward opening)	
W65+15.325	
Weight : 1,882 kg/m	
Ix : 39,16 cm ⁴	Wx : 9,12 cm ³
Iy : 25,26 cm ⁴	Wy : 5,43 cm ³

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Kanat Profili (dışa açılır)
Sash profile (outward opening)

W65+15.326

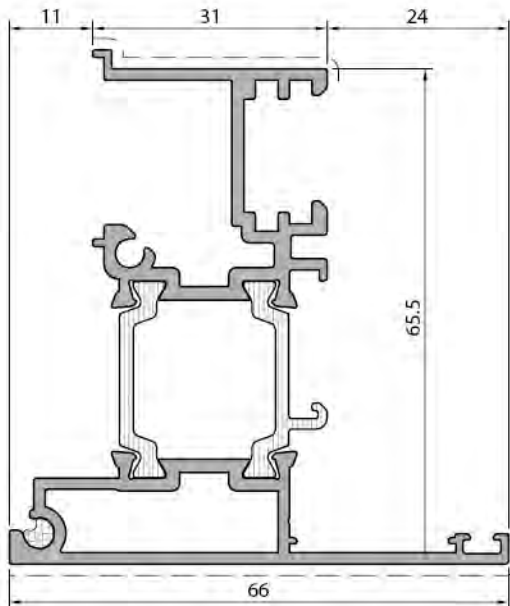
Weight : 2,309 kg/m

Ix : 50,92 cm⁴

Wx : 12,44 cm³

Iy : 62,02 cm⁴

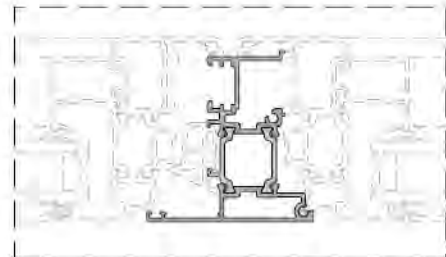
Wy : 10,58 cm³

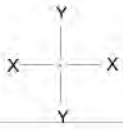


Çift Kanat Adaptör Profili
Double sash adapter profile

W65+15.401

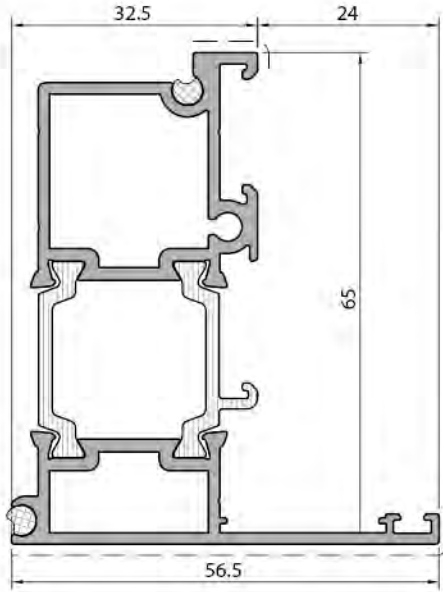
Weight : 1,344 kg/m





W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

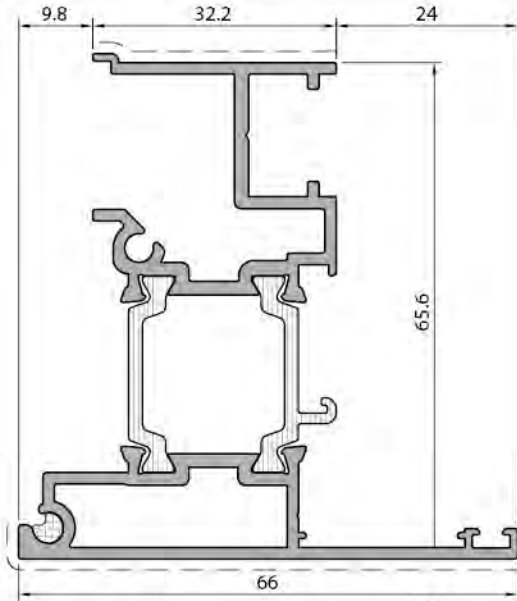
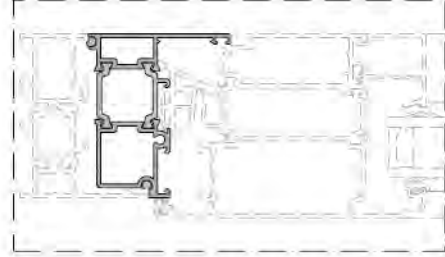
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kasa Adaptör Profili
Frame adapter profile

W65+15.402

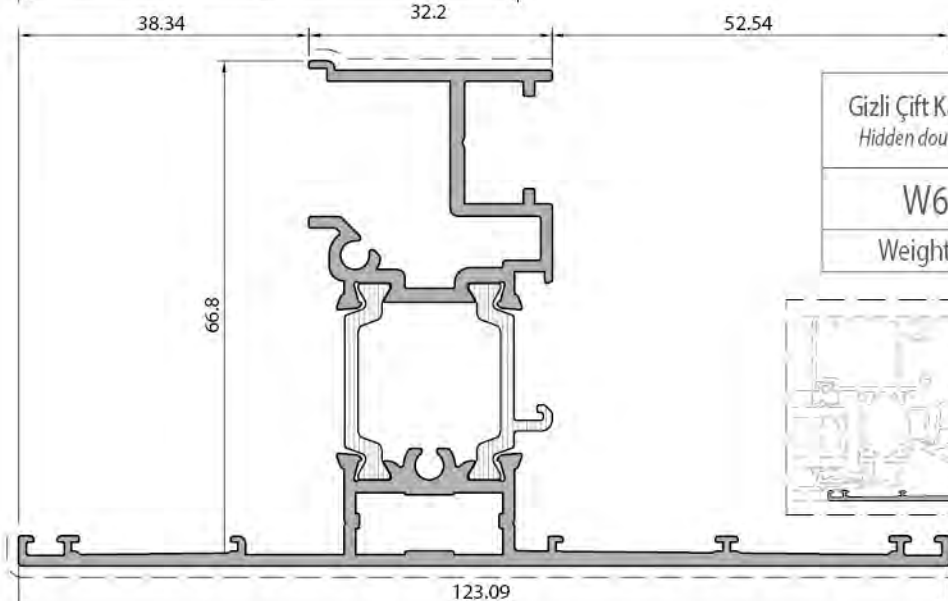
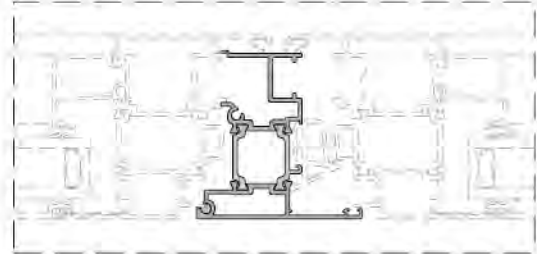
Weight : 1,223 kg/m



Çift Kanat Adaptör Profili
Double sash adapter profile

W65+15.403

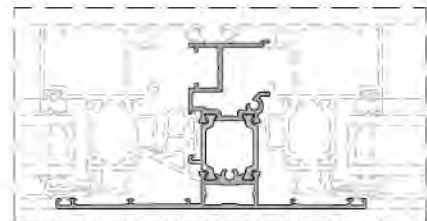
Weight : 1,326 kg/m



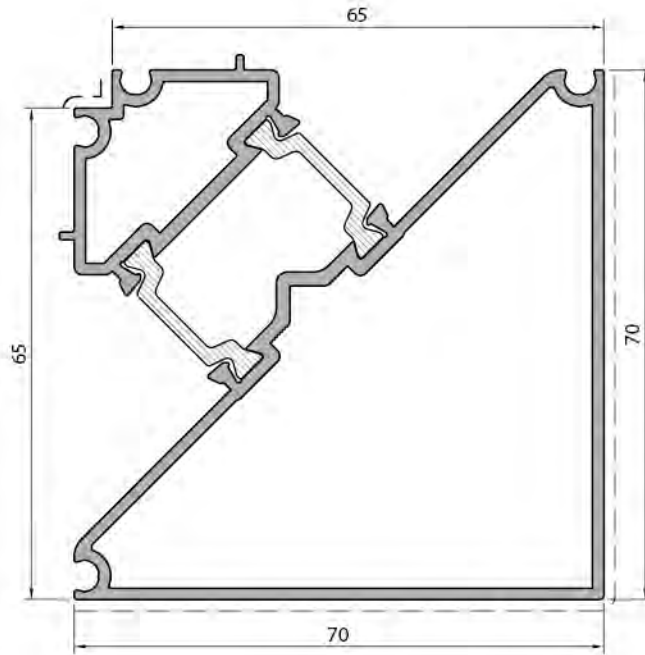
Gizli Çift Kanat Adaptör Profili
Hidden double sash adapter profile

W65+15.410

Weight : 1,577 kg/m



Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Köşe Profili / Corner profile 90°

W65+15.411

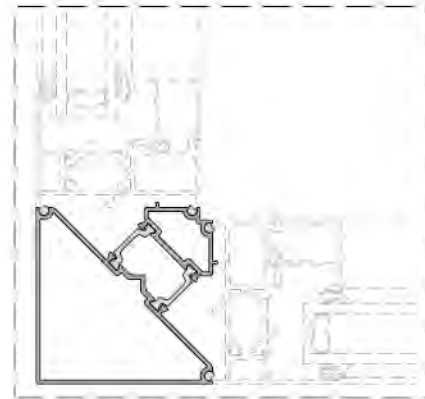
Weight : 1,728 kg/m

Ix : 36,48 cm⁴

Wx : 7,00 cm³

Iy : 35,20 cm⁴

Wy : 7,13 cm³



Köşe Profili / Corner profile 135°

W65+15.412

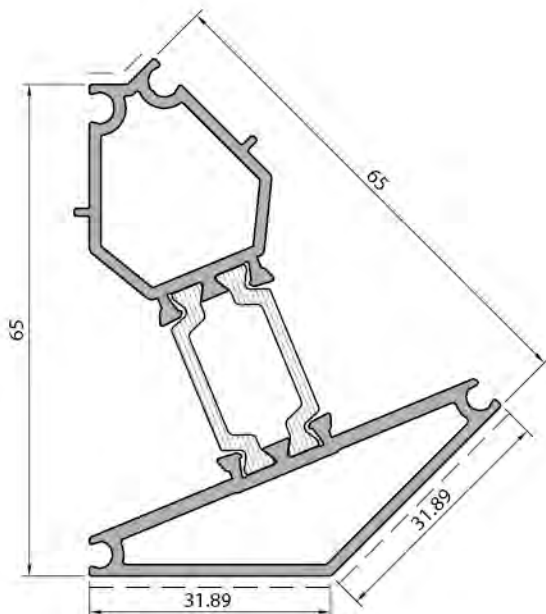
Weight : 1,303 kg/m

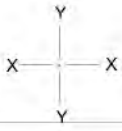
Ix : 18,85 cm⁴

Wx : 4,46 cm³

Iy : 6,56 cm⁴

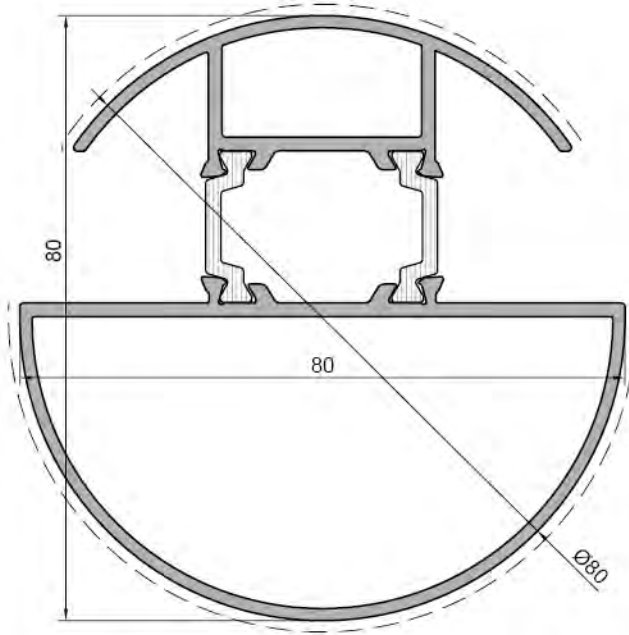
Wy : 2,23 cm³





W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

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Köşe Profili / Corner profile

W75+15.443

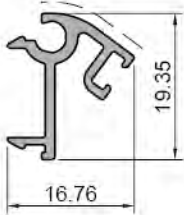
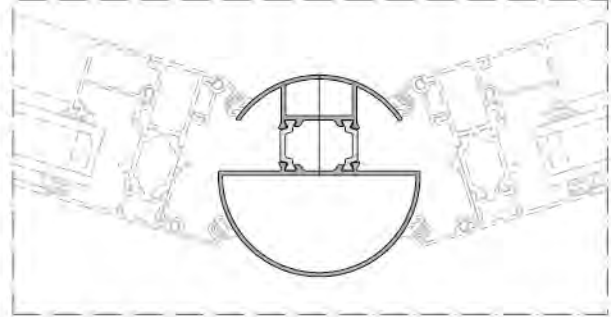
Weight : 1,804 kg/m

Ix : 35,82 cm⁴

Wx : 8,14 cm³

Iy : 29,71 cm⁴

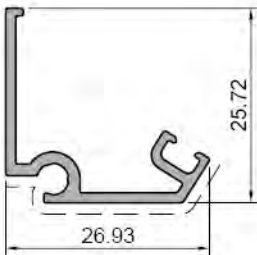
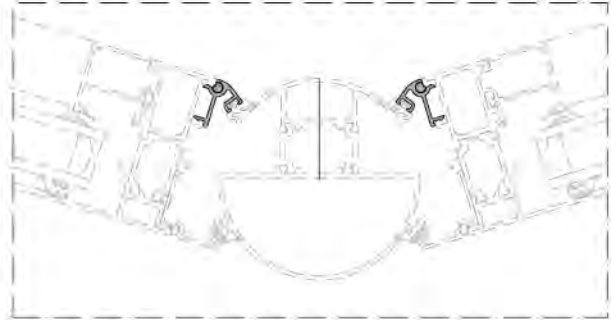
Wy : 7,42 cm³



Köşe Adaptörü
Corner adapter

W75+15.444

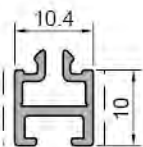
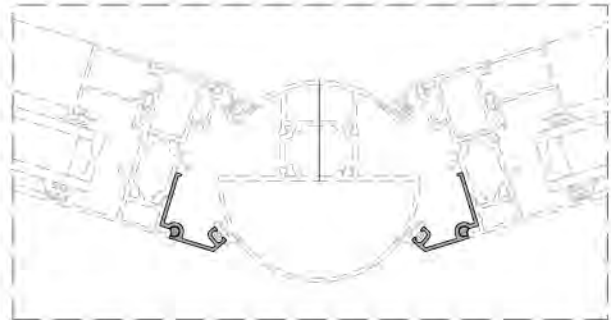
Weight : 0,129 kg/m



Köşe Adaptörü
Corner adapter

W75+15.445

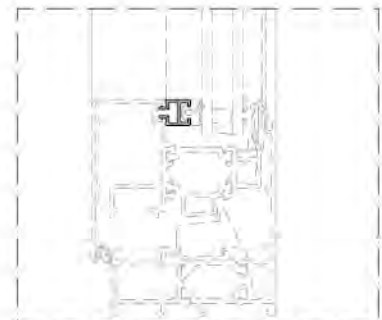
Weight : 0,129 kg/m



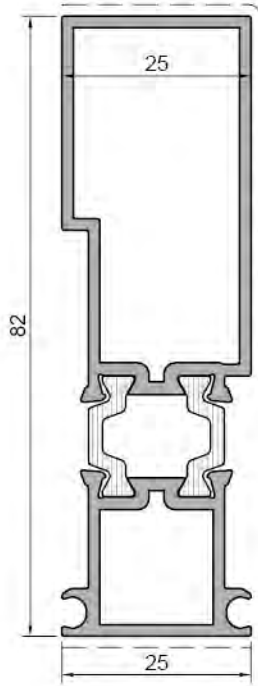
Tek cam adaptör profili
Single glazing adapter profile

FC.50.516

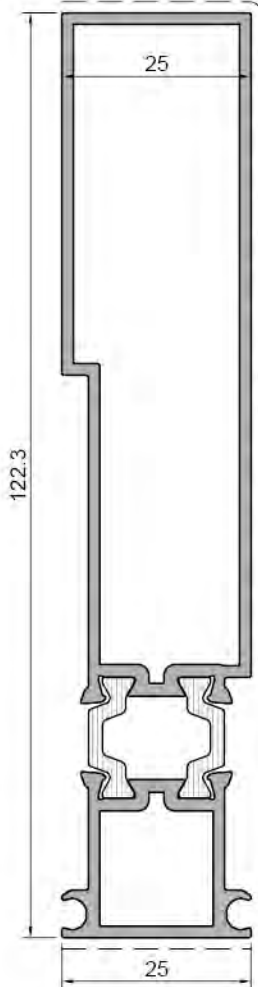
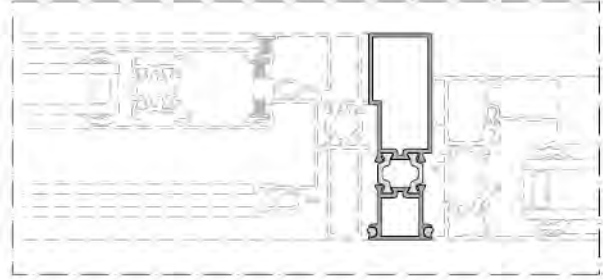
Weight : 0,129 kg/m



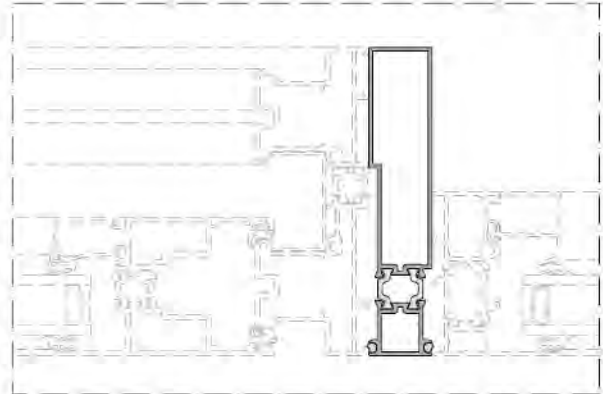
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.

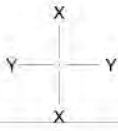


Birleşim Profili / Connection profile	
W55+15.413	
Weight : 1,164 kg/m	
$I_x : 27,07 \text{ cm}^4$	$W_x : 21,20 \text{ cm}^3$
$I_y : 2,94 \text{ cm}^4$	$W_y : 0,67 \text{ cm}^3$



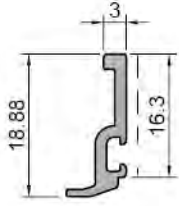
Birleşim Profili / Connection profile	
W55+15.414	
Weight : 1,490 kg/m	
$I_x : 78,86 \text{ cm}^4$	$W_x : 61,03 \text{ cm}^3$
$I_y : 4,38 \text{ cm}^4$	$W_y : 0,66 \text{ cm}^3$





W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

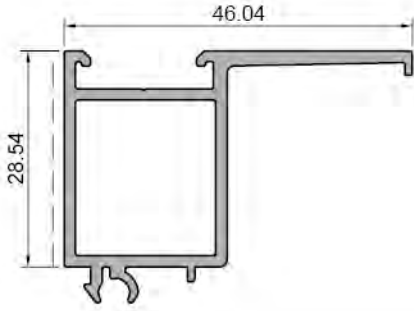
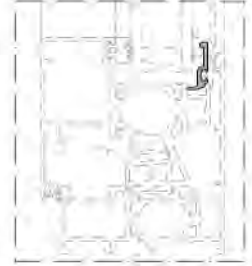
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Cam Çıtası Profili
Glazing bead profile

W55+15.415

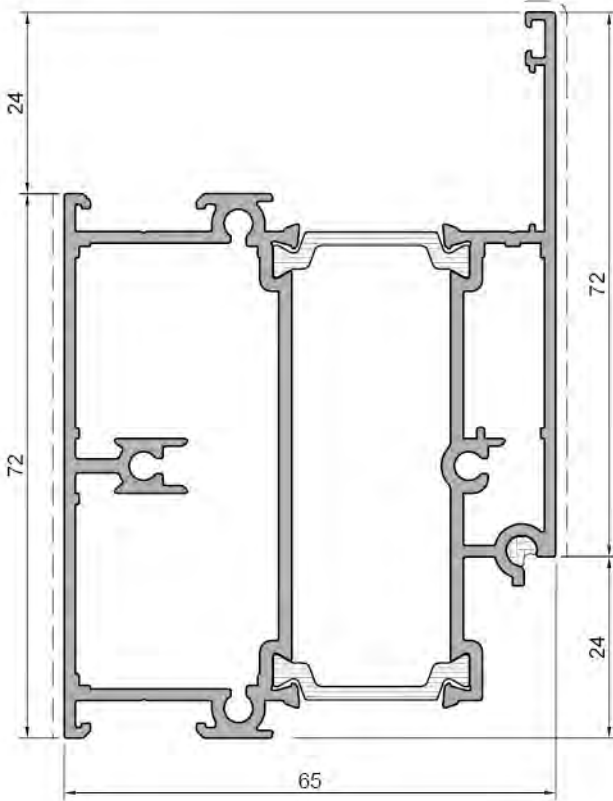
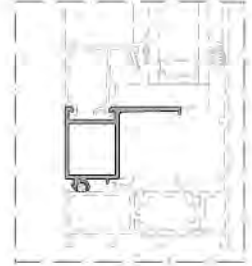
Weight : 0,108 kg/m



Kasa Cam Çıta Adaptör Profili
Frame-glazing bead adapter profile

W55+15.416

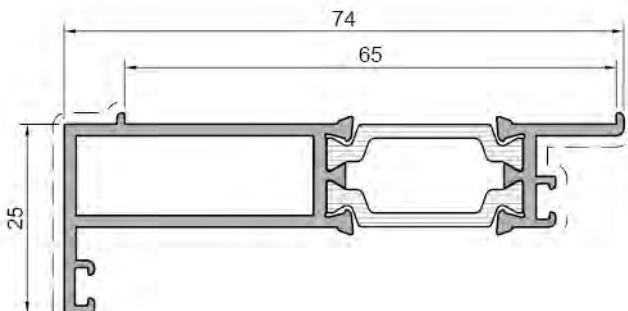
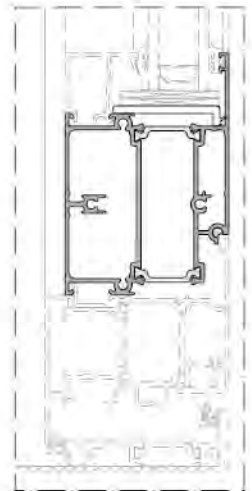
Weight : 0,565 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W65+15.417

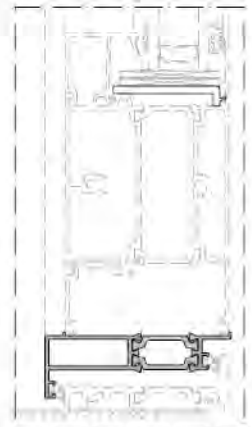
Weight : 2,081 kg/m



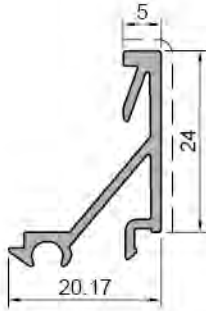
Kapı Altı Adaptör Profili
Bottom door adapter profile

W65+15.418

Weight : 0,801 kg/m



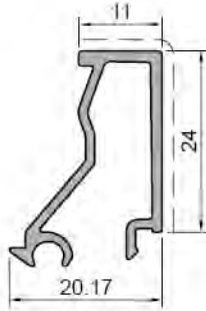
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.



Cam Çıtası Profili
Glazing bead profile

LS55430

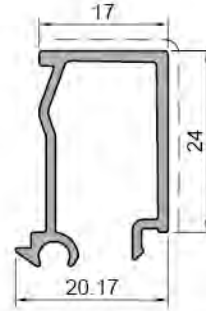
Weight : 0,258 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55431

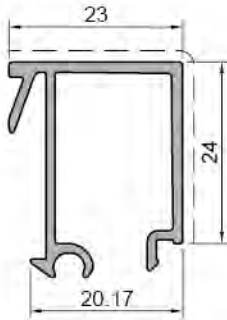
Weight : 0,282 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55432

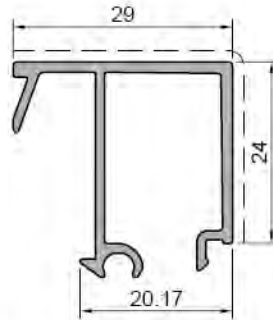
Weight : 0,294 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55433

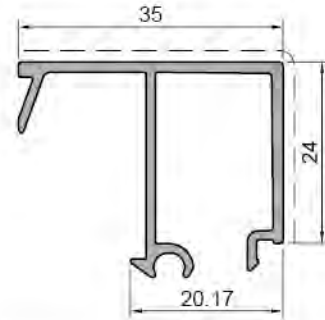
Weight : 0,341 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55434

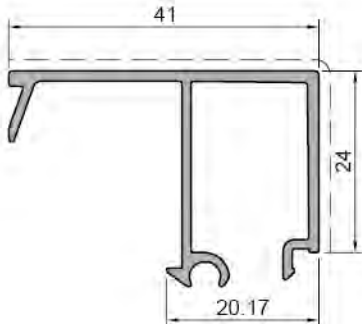
Weight : 0,363 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55435

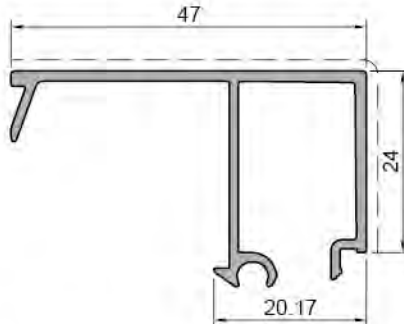
Weight : 0,385 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55436

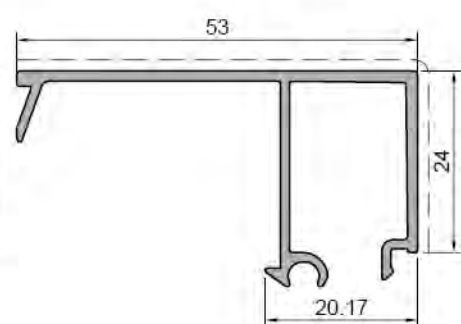
Weight : 0,408 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55437

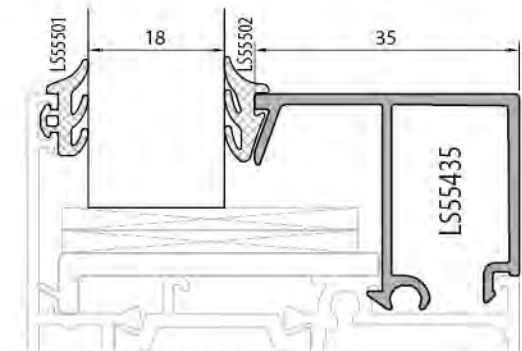
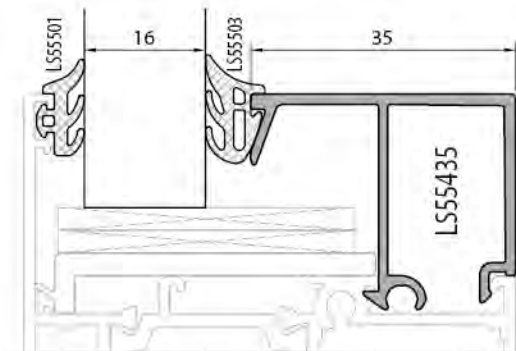
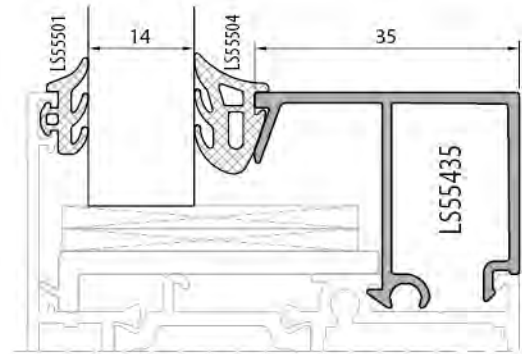
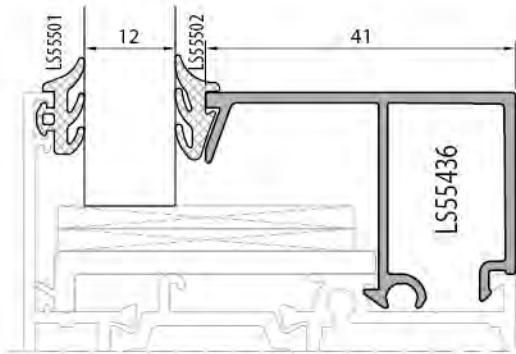
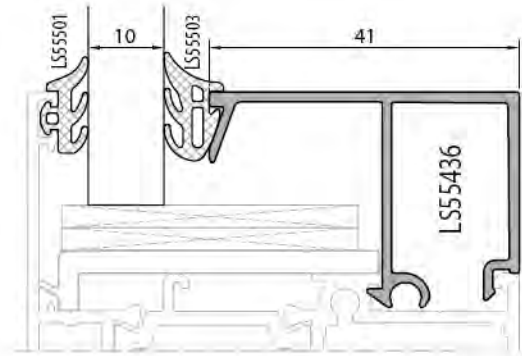
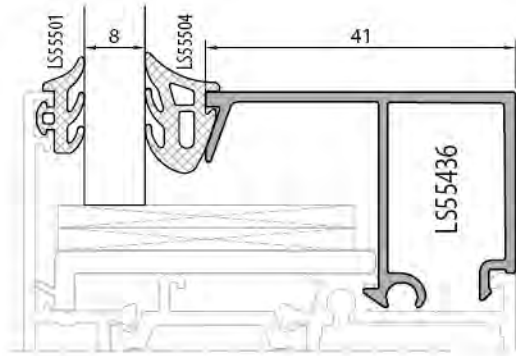
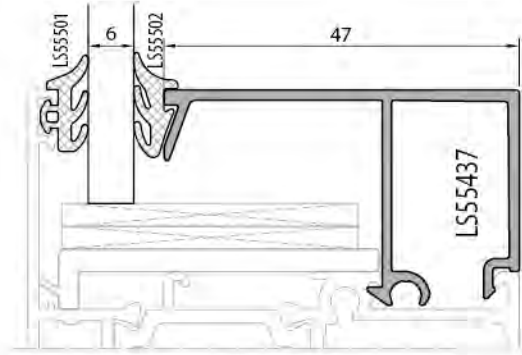
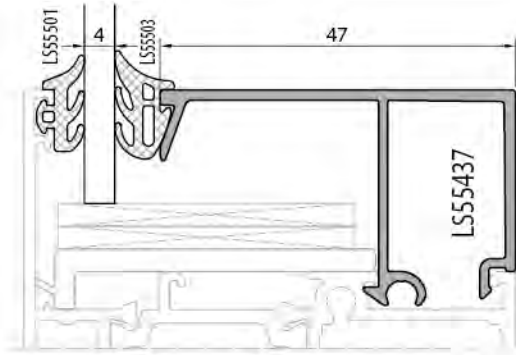
Weight : 0,429 kg/m

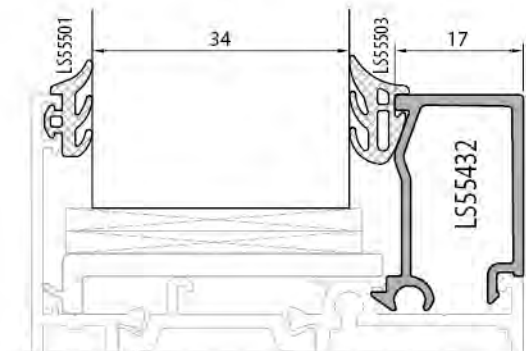
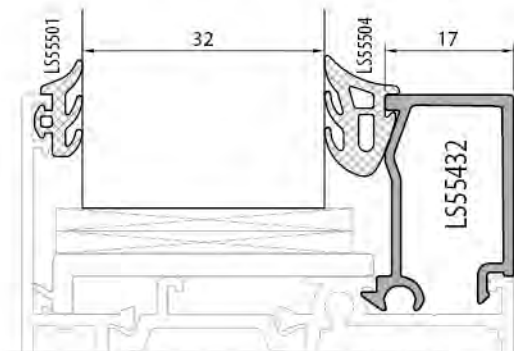
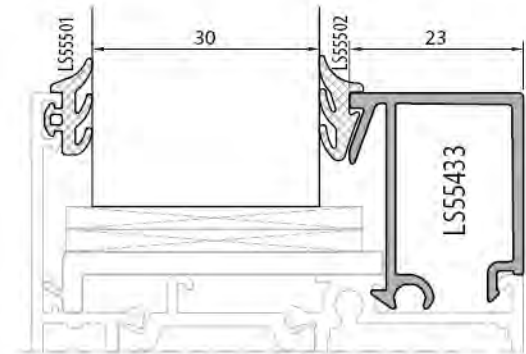
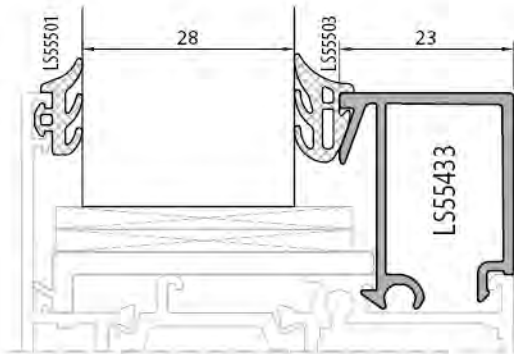
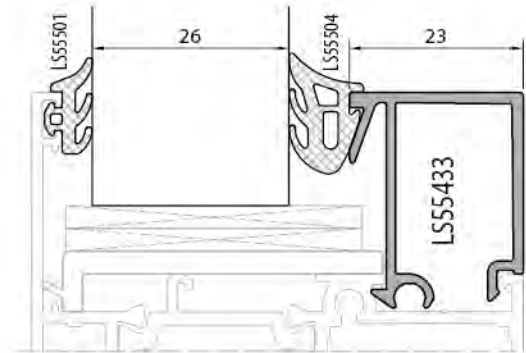
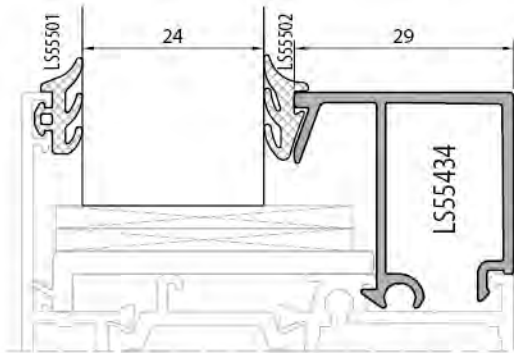
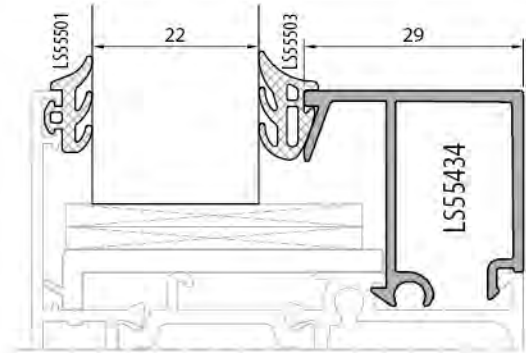
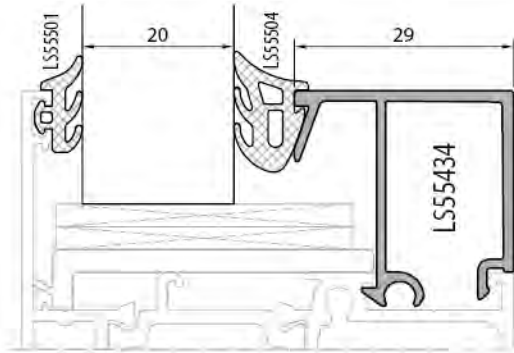


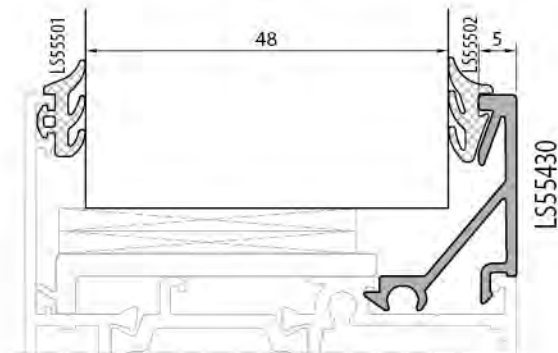
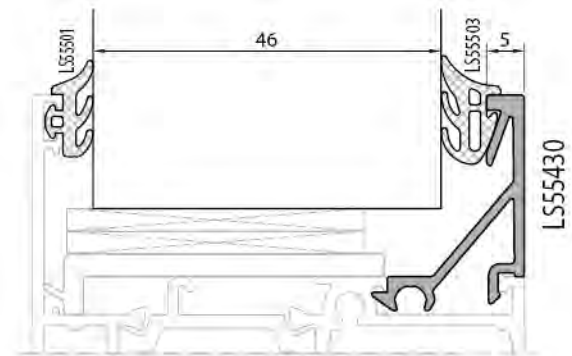
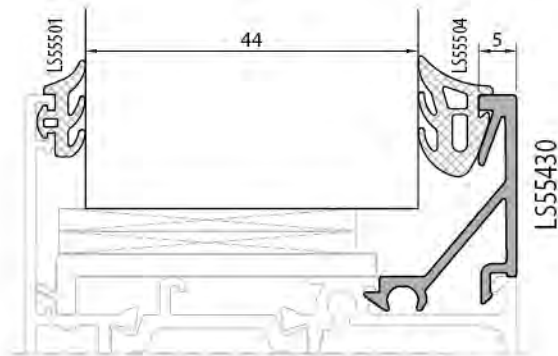
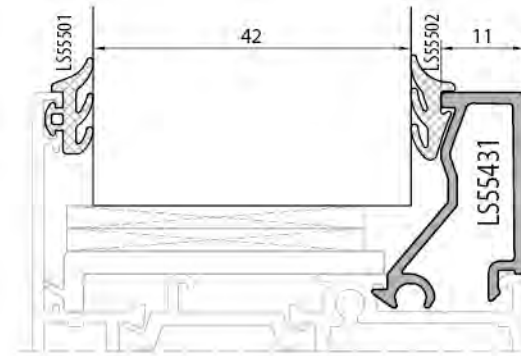
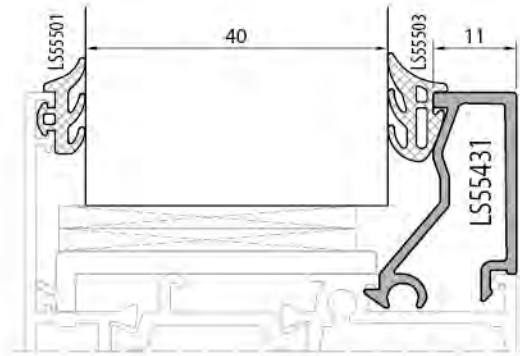
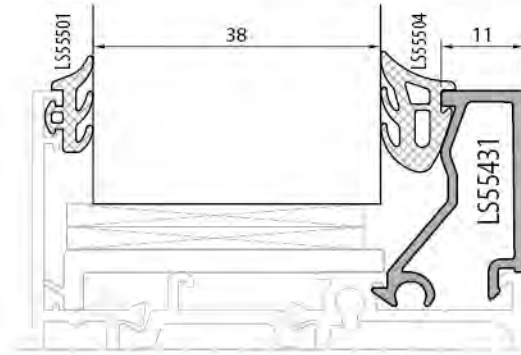
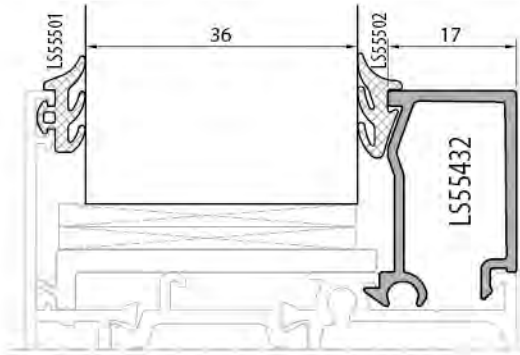
Cam Çıtası Profili
Glazing bead profile

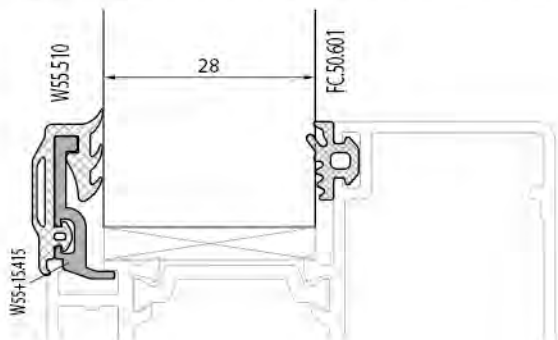
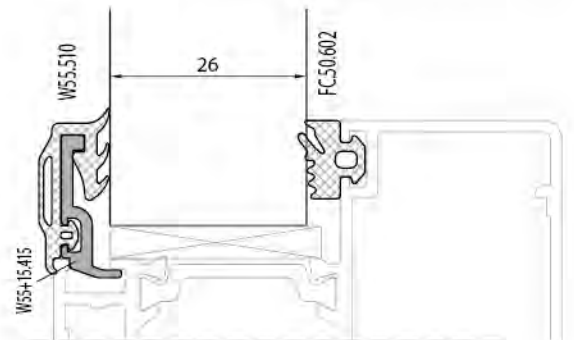
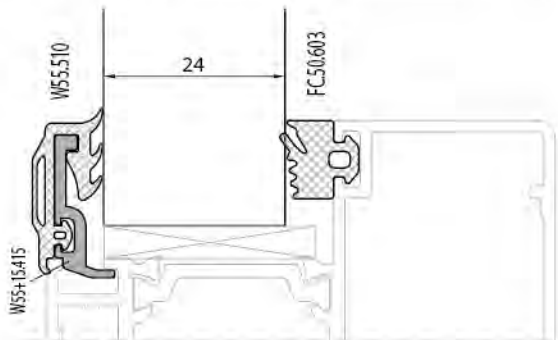
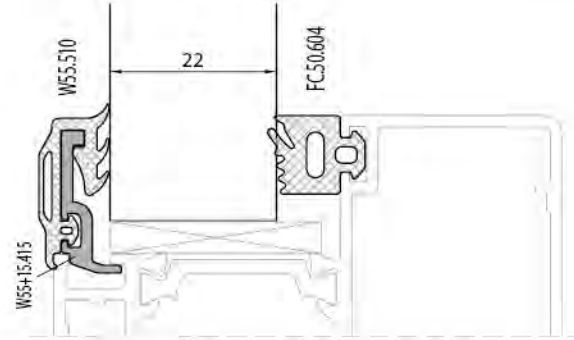
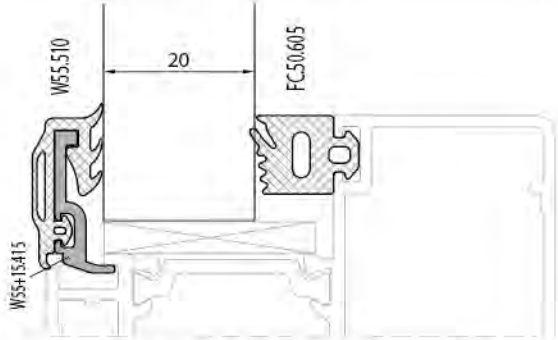
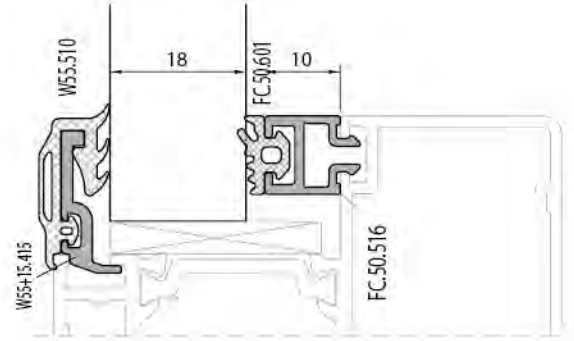
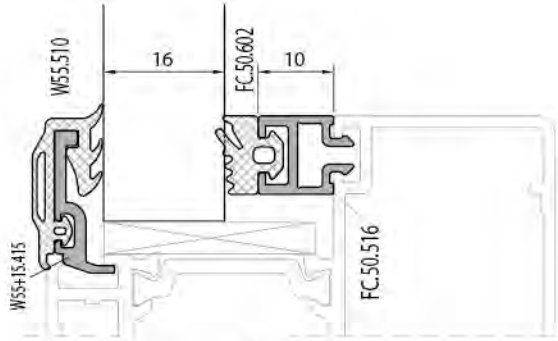
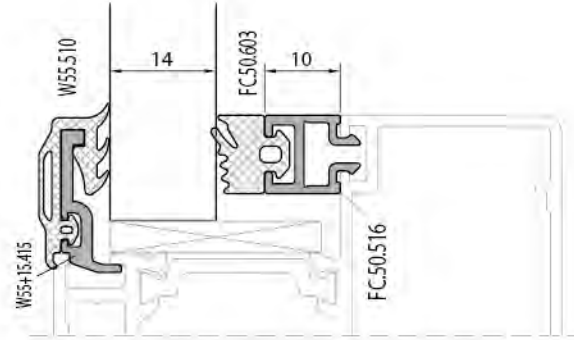
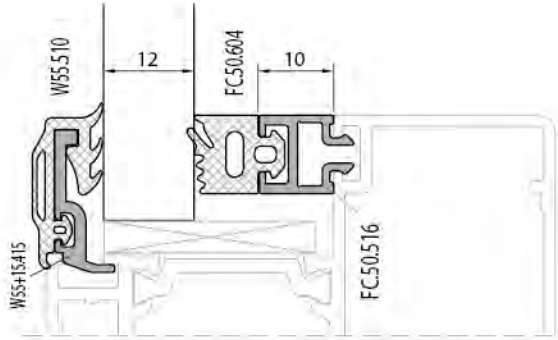
LS55438

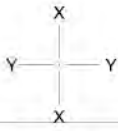
Weight : 0,451 kg/m





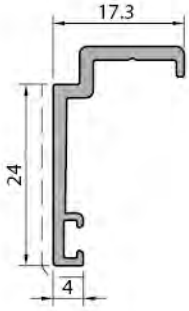






W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

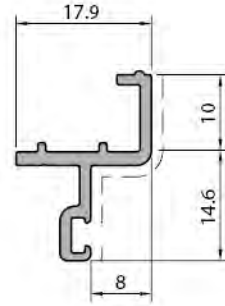
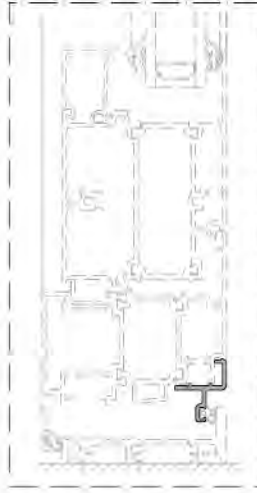
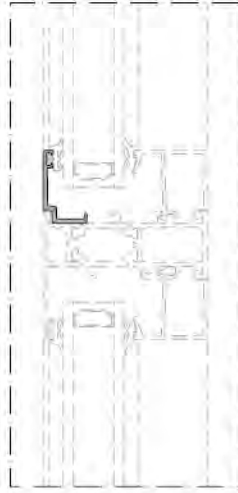
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Cam Dış Çerçeve Profili
Glass outer frame profile

W55+15.420

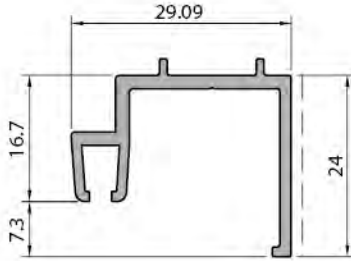
Weight : 0,225 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.421

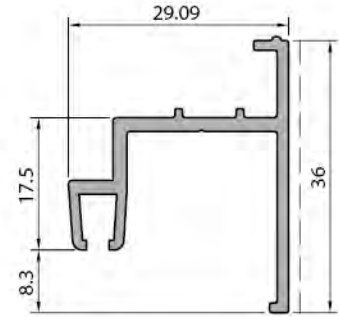
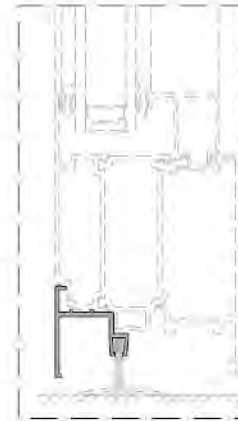
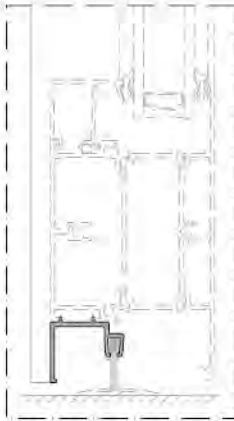
Weight : 0,225 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.422

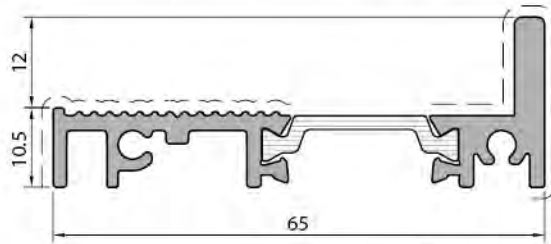
Weight : 0,337 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.423

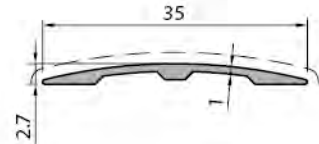
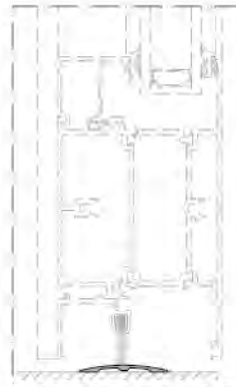
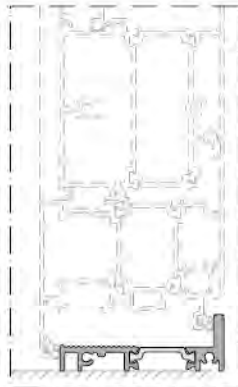
Weight : 0,397 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.424

Weight : 0,791 kg/m

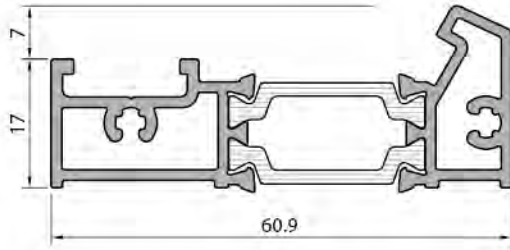


Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.425

Weight : 0,119 kg/m

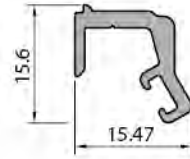
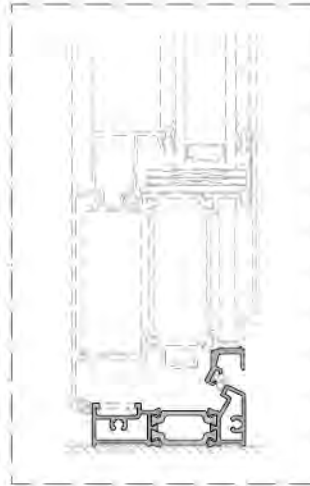
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.



Eşik profili
Threshold profile

W55+15.426

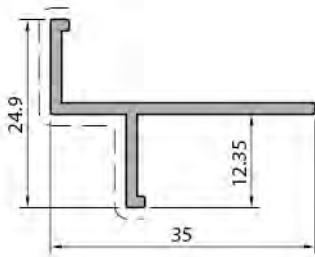
Weight : 0,924 kg/m



Eşik adaptör profili
Threshold adapter profile

W55+15.427

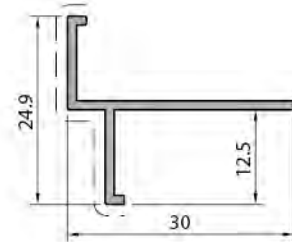
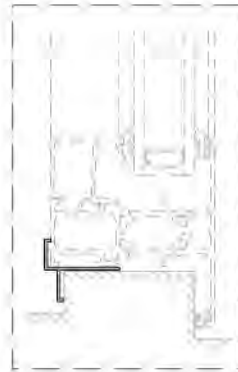
Weight : 0,185 kg/m



Kasa İç Çerçeve Profili
Internal frame profile

W55+15.430

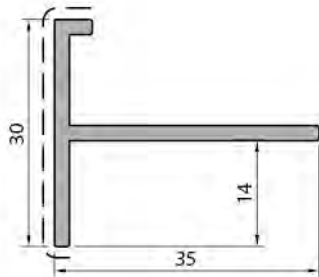
Weight : 0,250 kg/m



Kasa İç Çerçeve Profili
Internal frame profile

W55+15.431

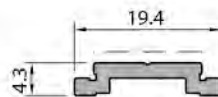
Weight : 0,185 kg/m



Kasa İç Çerçeve Profili
Internal frame profile

W55+15.432

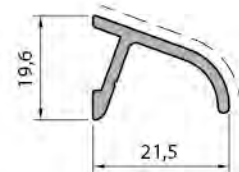
Weight : 0,360 kg/m



Tij Profili
Rod profile

W55+15.434

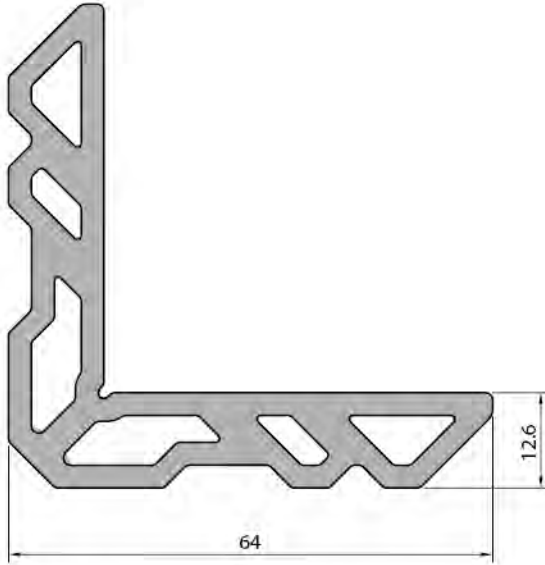
Weight : 0,130 kg/m



Damlalık Profili
Drip profile

W55+15.435

Weight : 0,143 kg/m



Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.450

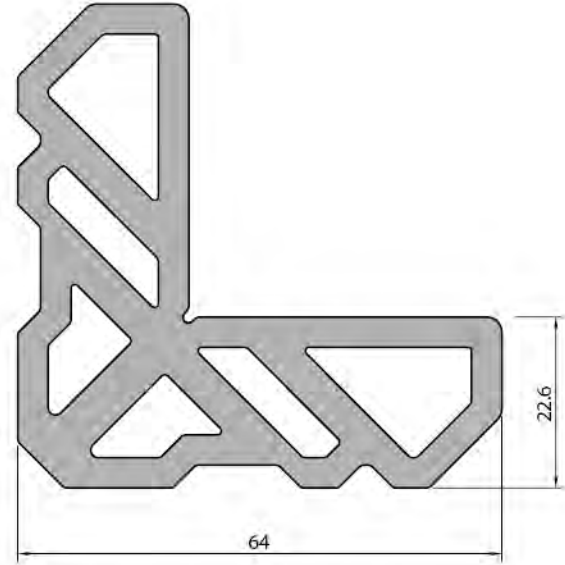
Weight : 0,237 kg/m

W55.450-1 7 mm

W55.450-2 23,2 mm

W55.450-3 25,4 mm

W55.450-4 24,7 mm



Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.451

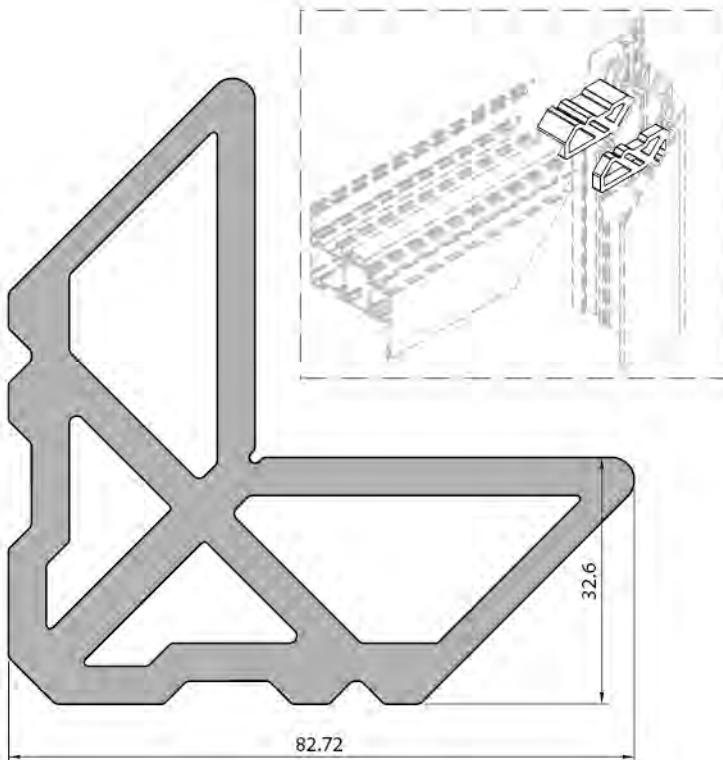
Weight : 3,694 kg/m

W55.451-1 7 mm

W55.451-2 23,2 mm

W55.451-3 25,4 mm

W55.451-4 13,1 mm



Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.452

Weight : 4,909 kg/m

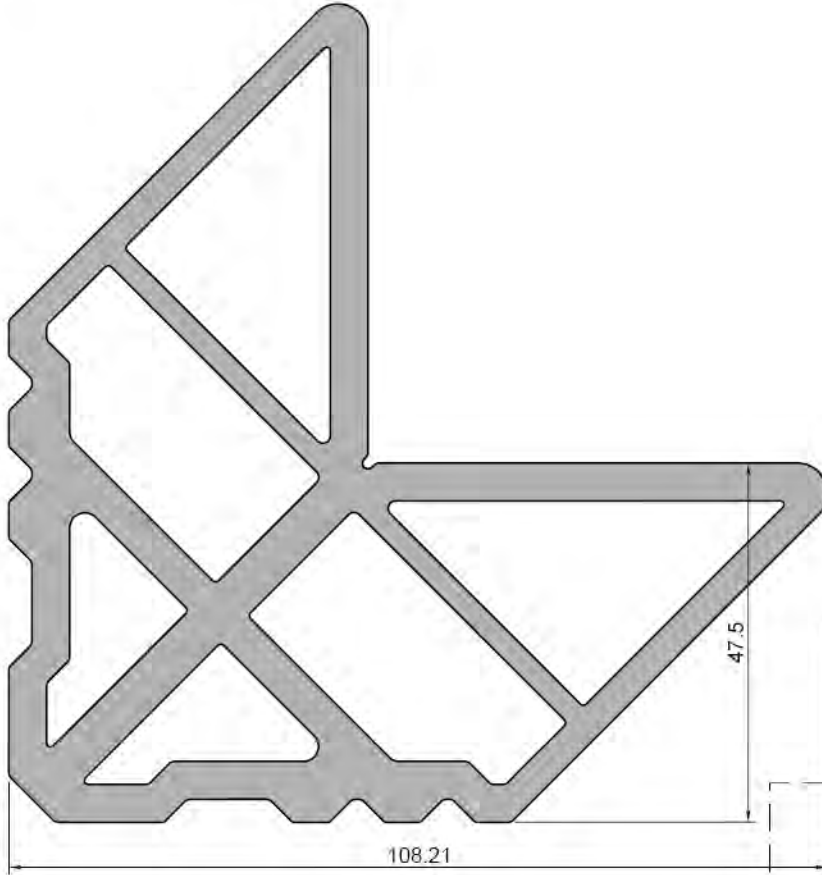
W55.452-1 7 mm

W55.452-2 23,2 mm

W55.452-3 25,4 mm

W55.452-4 18,5 mm

W55.452-5 22 mm



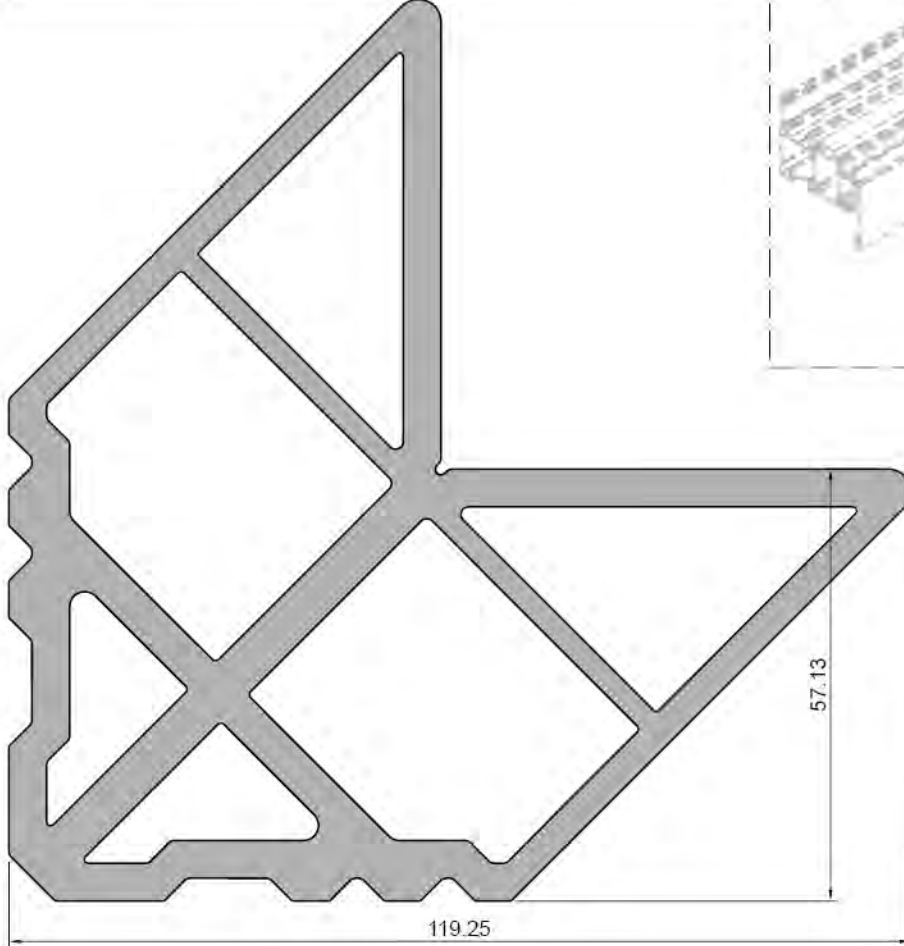
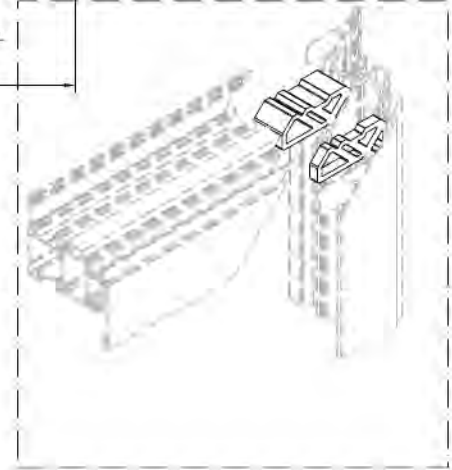
Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.453

Weight : 7,101 kg/m

W55.453-1 7 mm

W55.453-2 13,1 mm



Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

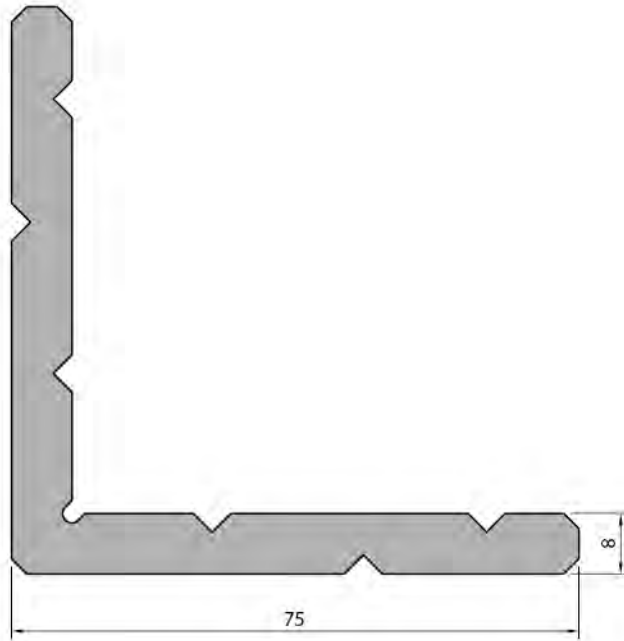
W55.454

Weight : 7,665 kg/m

W55.454-1 7 mm

W55.454-2 23,2 mm

W55.454 -3 18,5 mm

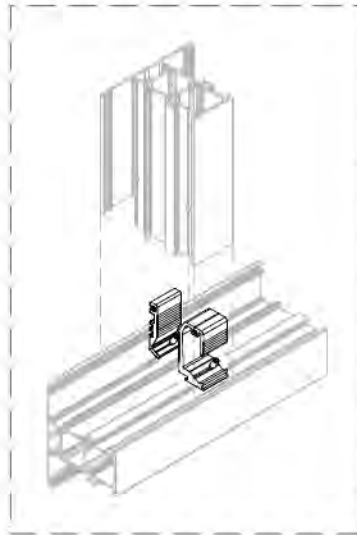
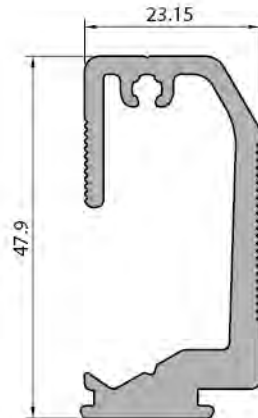
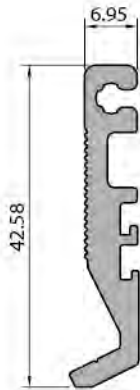


Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.455

Weight : 2,927 kg/m

W55.455-1 7 mm



Orta Kayıt Bağlantı
Mullion connection

LS55443

Weight : 0,516 kg/m

LS55443-2 12,5 mm

LS55443-3 22,5 mm

LS55443-5 32,6 mm

LS55443-6 25 mm

Orta Kayıt Bağlantı
Mullion connection

LS55444

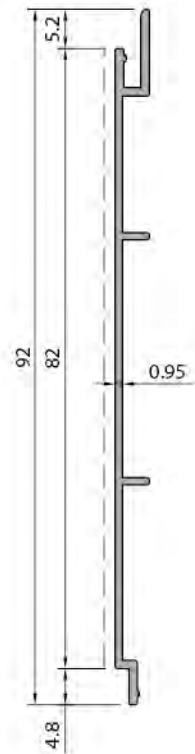
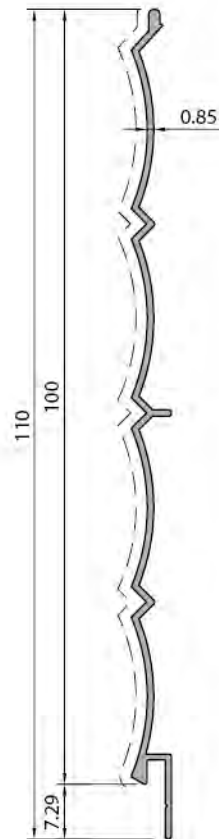
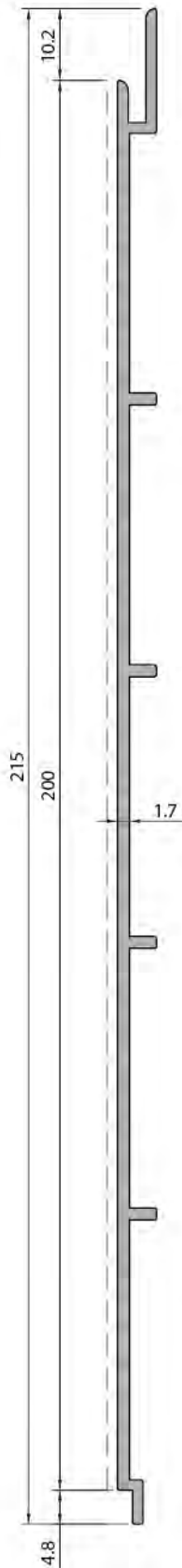
Weight : 0,974 kg/m

LS55444-2 12,5 mm

LS55444-3 22,5 mm

LS55444-5 32,6 mm

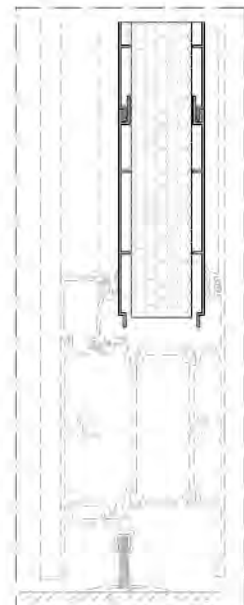
LS55444-6 25 mm



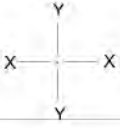
Lambri Profili <i>Wainscot profile</i>
W55+15.437
Weight : 0,305 kg/m

Lambri Profili <i>Wainscot profile</i>
W55+15.438
Weight : 0,295 kg/m

Lambri Profili <i>Wainscot profile</i>
W55+15.436
Weight : 1,095 kg/m

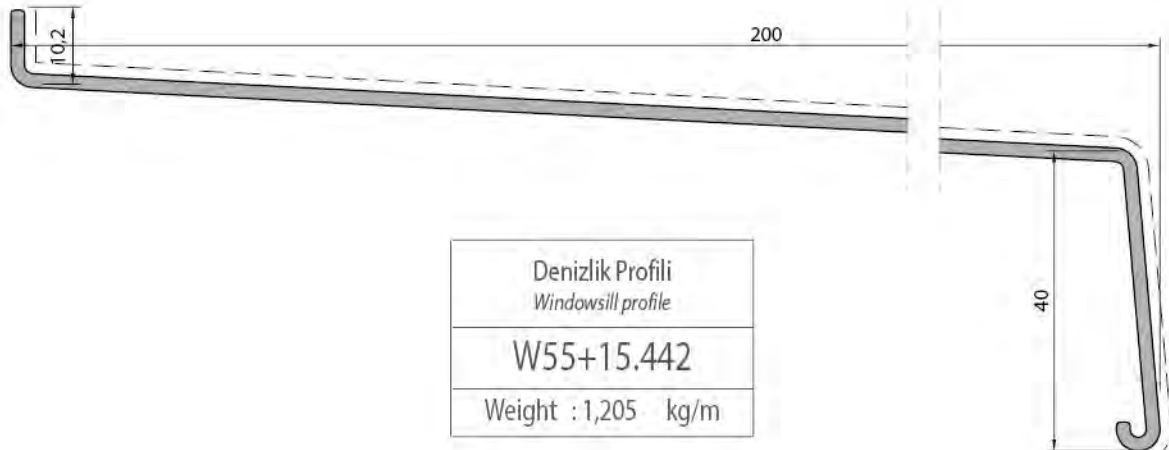
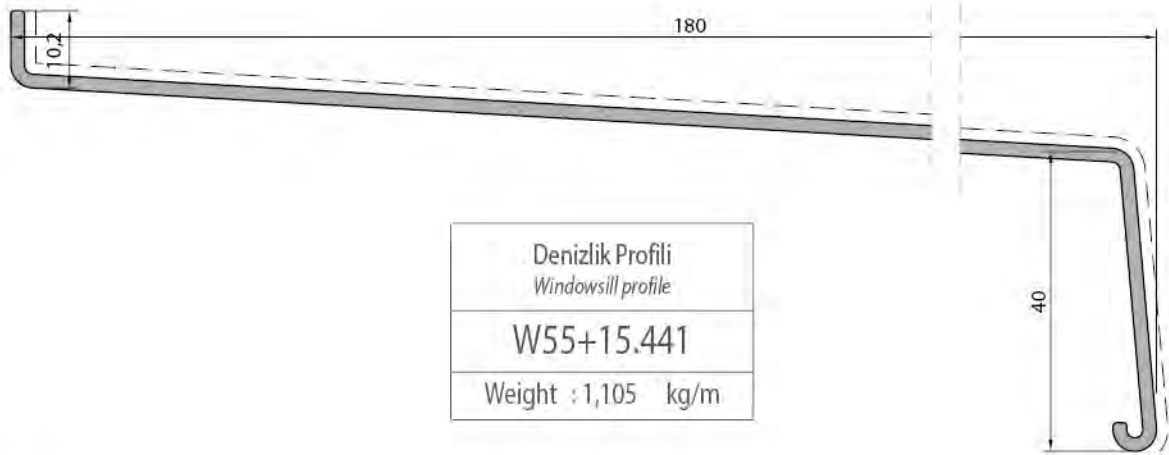
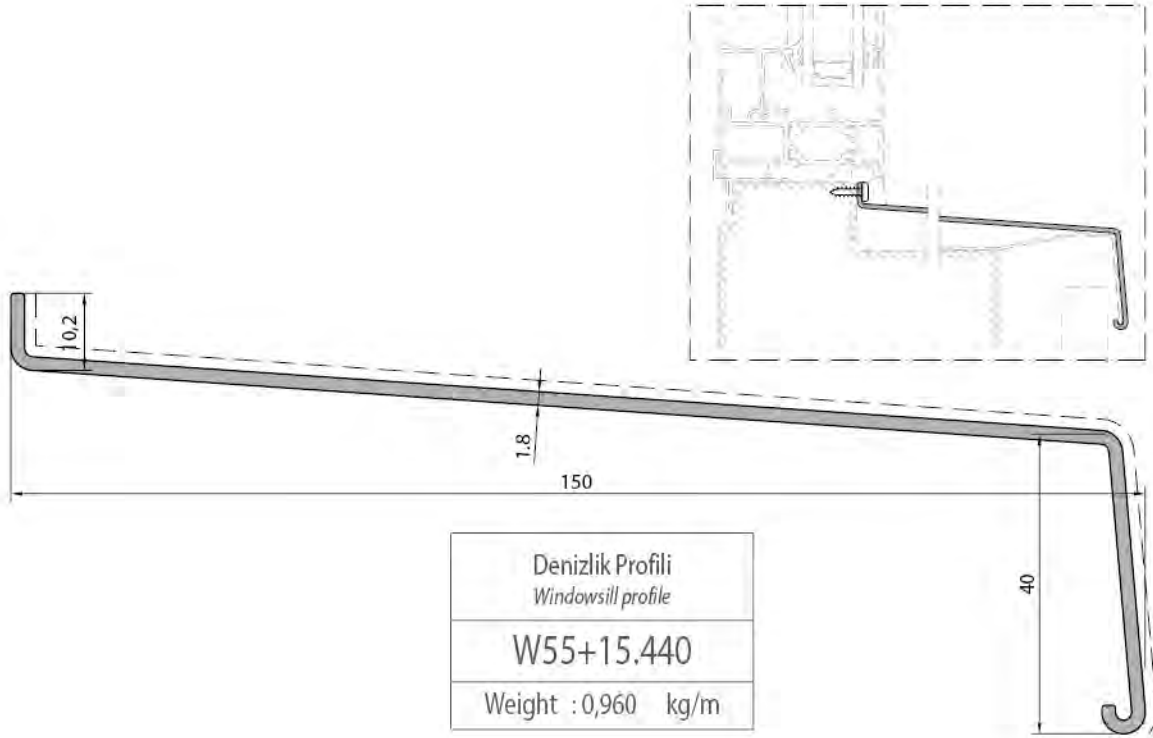


Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

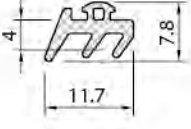
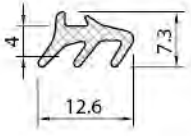
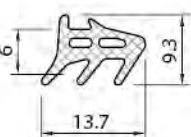
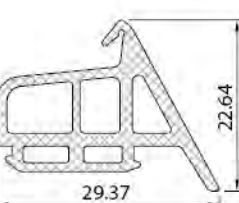


W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

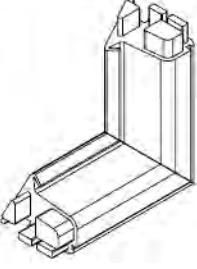
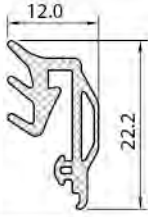
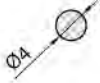
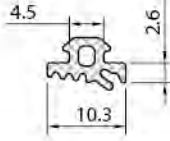
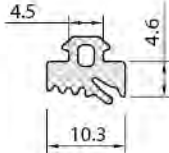
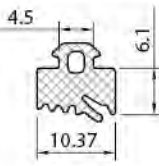
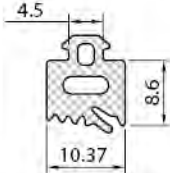
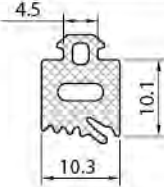
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

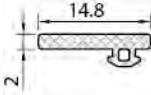
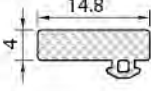
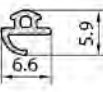
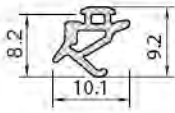
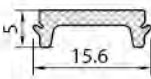


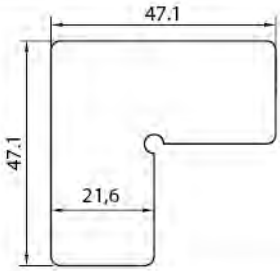
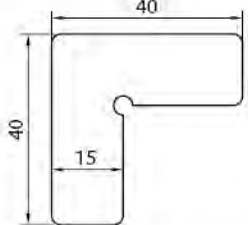
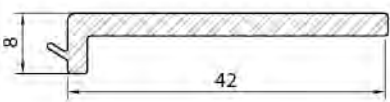
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55501		epdm cam dış fitil glazing gasket outside	55 gr/m	12 kg	220 m	
LS55502		epdm cam iç fitil glazing gasket inside	52 gr/m	12 kg	230 m	
LS55503		epdm cam iç fitil glazing gasket inside	80 gr/m	12 kg	150 m	
LS55504		epdm cam iç fitil glazing gasket inside	92 gr/m	12 kg	130 m	
W55.501		epdm iç bini fitil inside acoustic gasket	25 gr/m	12 kg	460 m	
W65.502		epdm tozluk iç fitil epdm central gasket	256 gr/m	10 kg	39 m	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

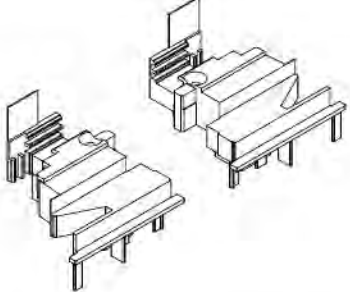
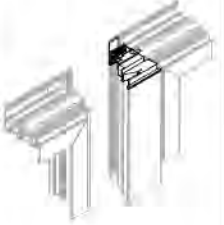
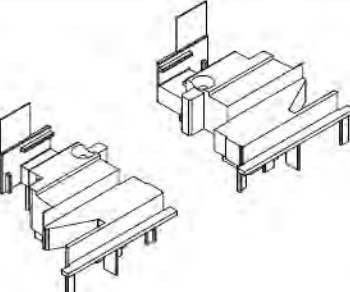
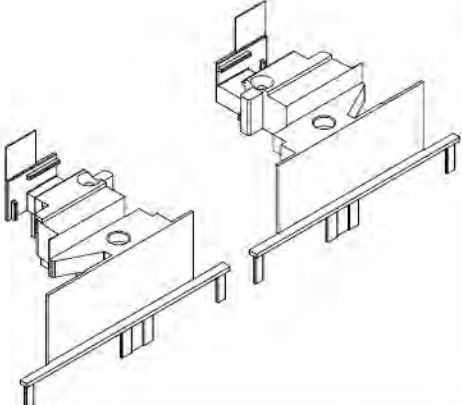
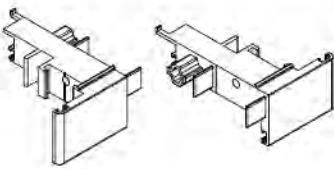
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
W65.503		epdm tozluk iç fitil vulkanize köşe epdm central gasket vulcanised corner	--	--	50 ad./pk 50 pcs/pk	
W55.510		epdm cam iç fitil glazing gasket inside	117 gr/m	10 kg	85 m	
W55.511		epdm fitil epdm gasket	18 gr/m	10 kg	555 m	
FC.50.601		epdm cam iç fitil glazing gasket inside	45 gr/m	12 kg	265 m	
FC.50.602		epdm cam iç fitil glazing gasket inside	60 gr/m	12 kg	200 m	
FC.50.603		epdm iç bini fitil inside acoustic gasket	88 gr/m	12 kg	135 m	
FC.50.604		epdm cam iç fitil glazing gasket inside	104 gr/m	12 kg	115 m	
FC.50.605		epdm tozluk iç fitil epdm central gasket	114 gr/m	12 kg	105 m	

Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
W55.512		epdm cam iç fitil glazing gasket inside	49 gr/m	12 kg	245 m	
W55.513		epdm cam iç fitil glazing gasket inside	89 gr/m	12 kg	135 m	
W55.514		epdm dış bini fitil outside acoustic gasket	19 gr/m	10 kg	526 m	
W55.515		epdm iç bini fitil inside acoustic gasket	26 gr/m	12 kg	460 m	
W55.516		epdm kapama fitil detent gasket	52 gr/m	5.2 kg	100 m	

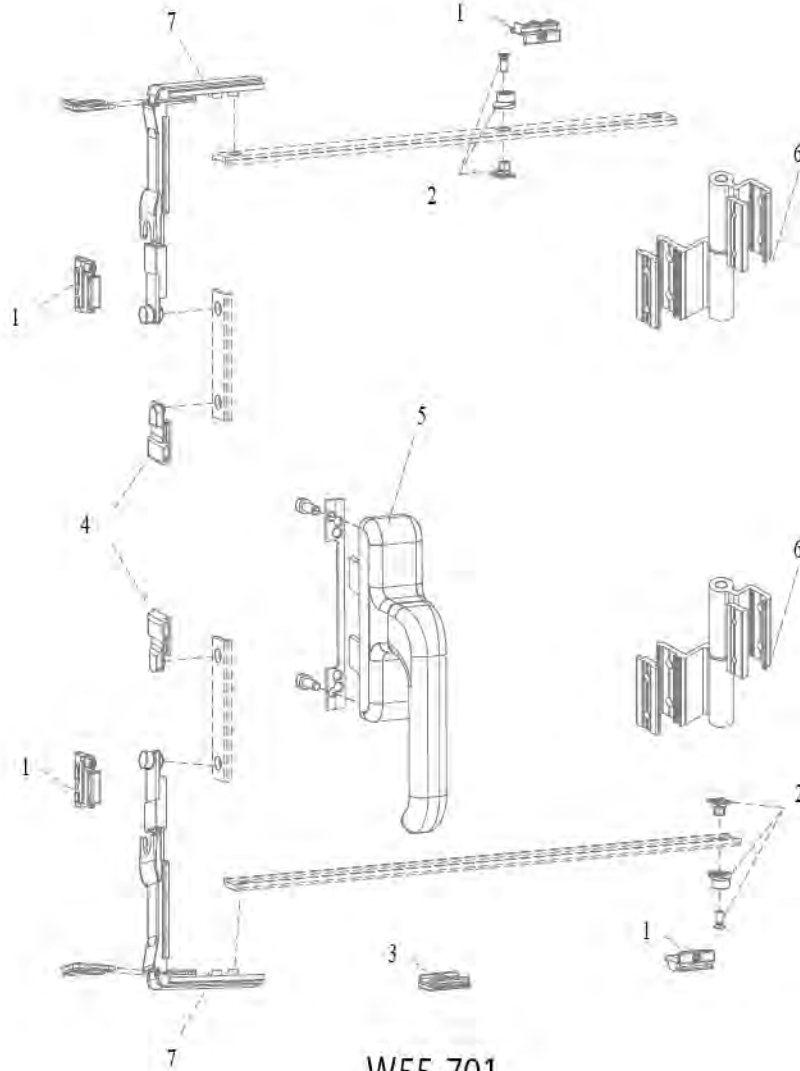
Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
LS55617		köşe onbaşı corner cleat	200 pcs/pk	
LS55618		köşe onbaşı corner cleat	200 pcs/pk	
W65610		pvc cam destek takoz pvc glazing support cleat	3,0 m 20 pcs/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

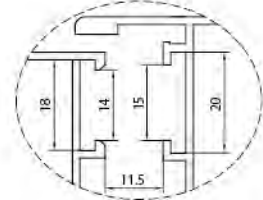
W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM**ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES**

Kod Code	Şekil Drawing	Tanım Description	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
W65.601		çift kanat adaptör kapak <i>adapter cover for double sash euro groove (set)</i>	20 pcs/pk	
W65.602		çift kanat adaptör kapak <i>adapter cover for double sash pvc groove (set)</i>	20 pcs/pk	
W65.603		gizli çift kanat adaptör kapak <i>adapter cover for hidden double sash pvc groove (set)</i>	20 pcs/pk	
W65.604		Kapı altı adaptör kapağı <i>Bottom door adapter cover</i>	20 pcs/pk	
W65.605		Kapı altı adaptör kapağı <i>Bottom door adapter cover</i>	20 pcs/pk	
LS55614		su tahliye kapağı <i>water drainage plug</i>	200 pcs/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



W55-701



euro groove section 1



içe açılır pencere
inward opening window

Normal açılım mekanizması (takım)

Opening window mechanism (set)

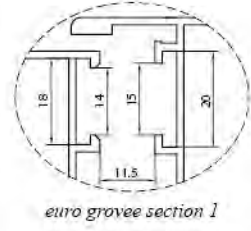
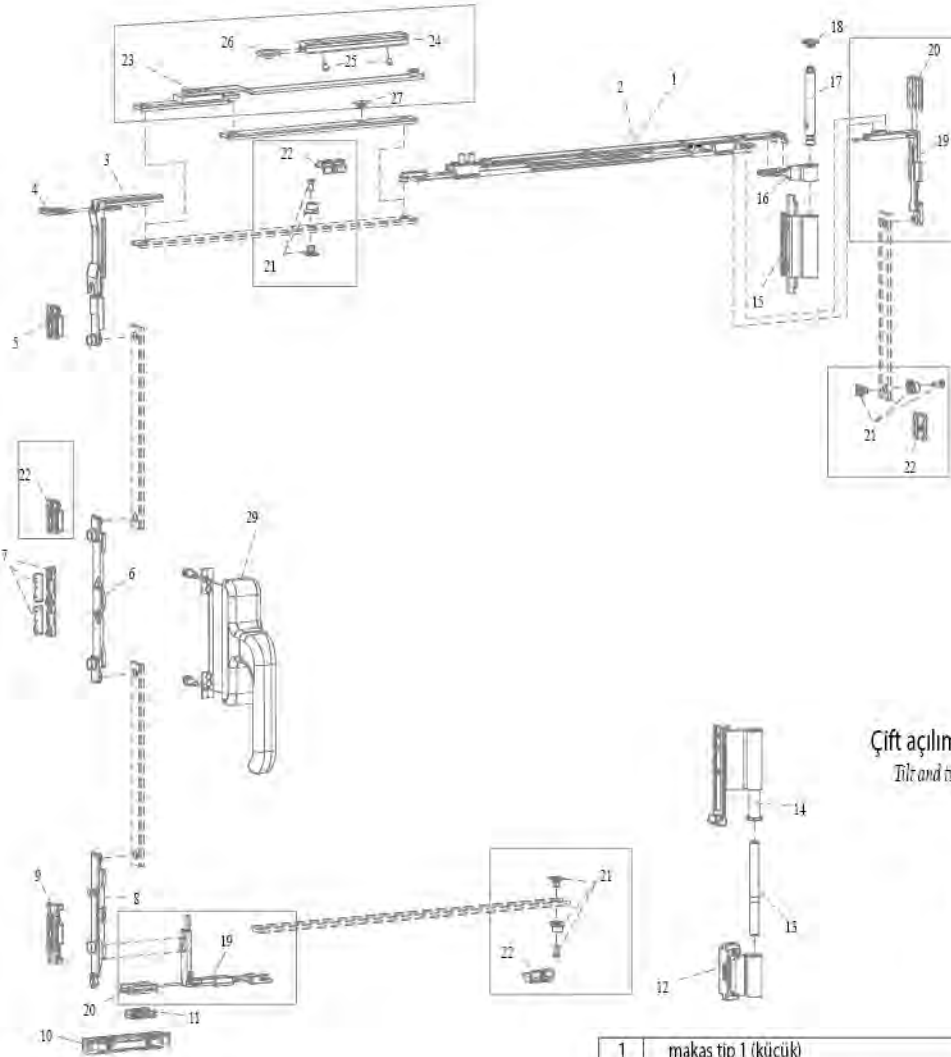
W55-701	1	Pim karşılığı	W55-731
	2	Ayarlı karşılık	W55-733
	3	Kanat sarkma takozu	W55-740
	4	Tij bağlantı pabucu	W55-732
	5	Çift dilli kol	W55-761
	6	Menteşe	W55-770
	+ > 1200 x 1400 mm		
	7	Köşe dönme	W55-730



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

W65+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



euro groove section 1



içe açılır pencere
inward opening window

Çift açılım mekanizması (takım)

Tilt and turn window mechanism (set)

W55.702 (80kg)

W55.702-1 (80kg)

ithal (import)

W55.703 (130kg)

W55.703-1 (130kg)

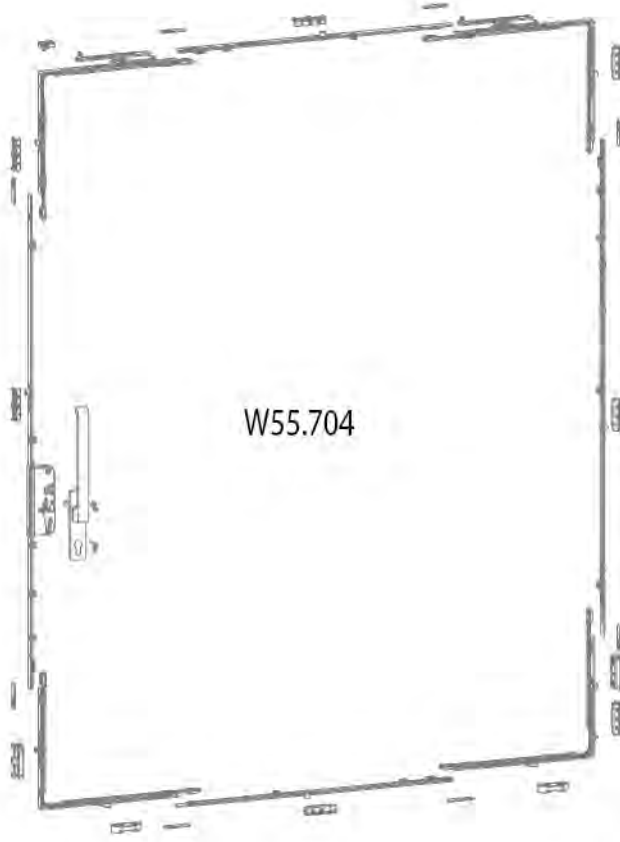
ithal (import)

		(80 kg)	(130 kg)
		W55.702	W55.703
1	makas tip 1 (küçük)	W55-738-80	W55-738-130
2	makas tip 2 (büyük)	W55-739-80	W55-739-130
3	köşe dönme		
4	köşe dönme sabitleme klipsi		
5	karşılık		
6	kol karşılığı		
7	hatalı kullanım öneme karşılığı	W55-722	W55-722
7	8-10mm ayar şimi		
8	sürgü		
9	karşılık		
10	çift sürgü karşılık		
11	dinlendirme takozu		
12	dip menteşe erkek kısmı		
13	dip menteşe pimi		
14	üst menteşe dışı kısmı	W55-721	W55-720
15	üst menteşe erkek kısmı		
16	üst menteşe dışı kısmı		
17	üst menteşe pimi		
18	üst menteşe stoper kapak		
29	euro 900 çift açılım kolu	W55-763	W55-763
		+	+
		> 80kg	> 130kg

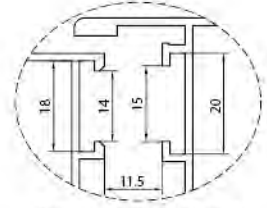
ILAVE	ARKA	KULTEME		
			19	ilave köşe dönme
			20	ilave köşe dönme sabitleme klipsi
			21	kilitleme pimi
			22	ayarlı karşılık
ILAVE MAKAS			23	ilave makas
			24	ilave makas kılavuzu
			25	klavuz vidaları
			26	ayarlı stoper
			27	makas destek bloğu
				W55-723
				W55-723
				W55-735



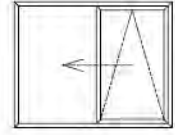
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



W55.704

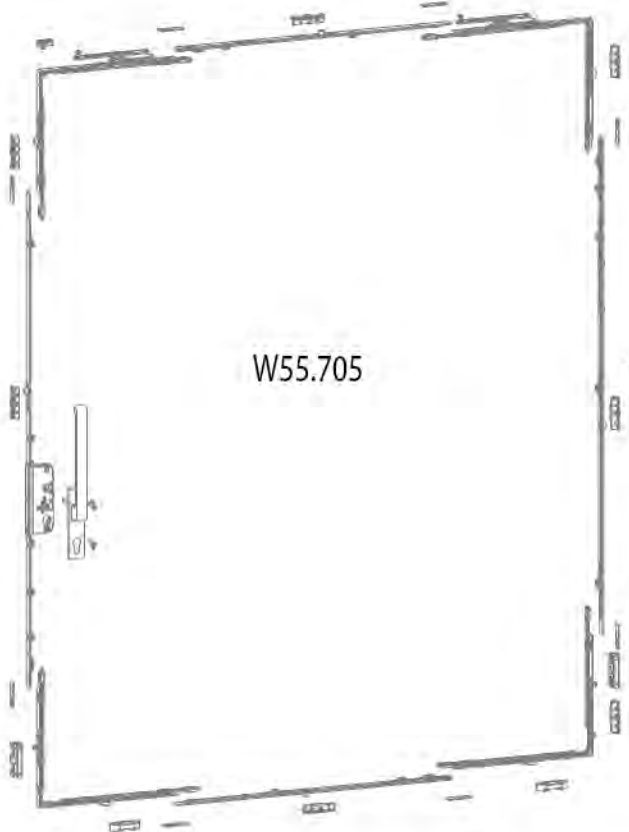


euro groove section 1



Volkswagen açılım mekanizması (takım)

Volkswagen opening window mechanism (set)



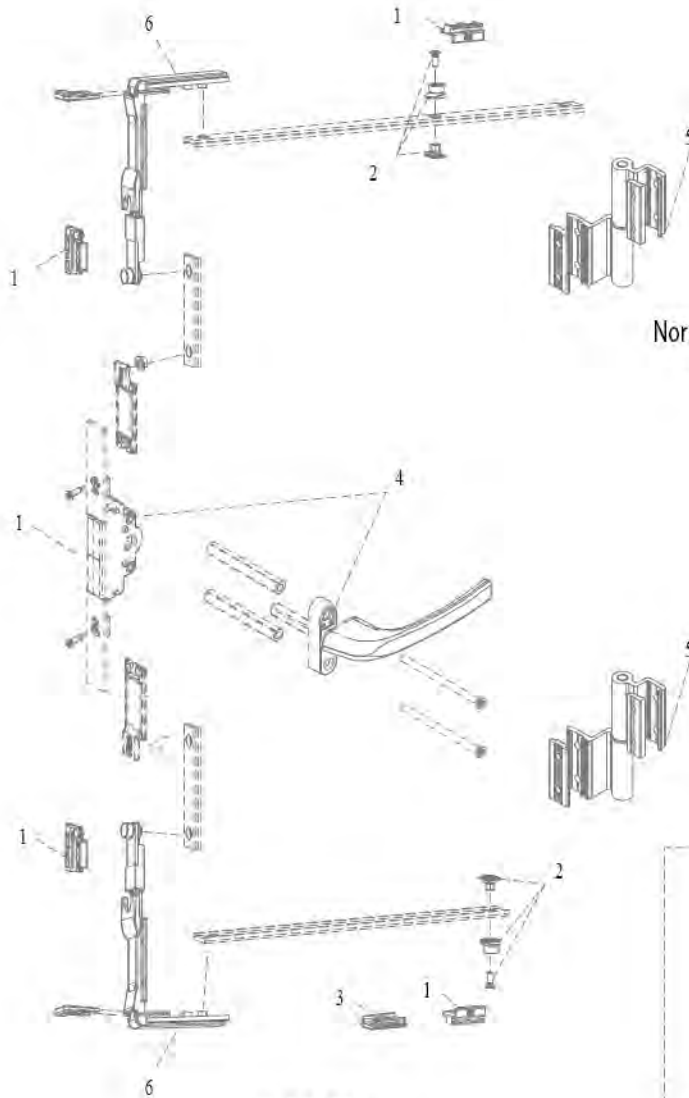
W55.705

Volkswagen tam otomatik açılım mekanizması (takım)

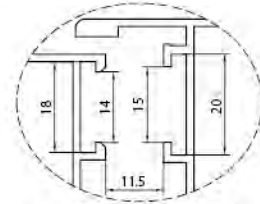
Volkswagen opening window full automatic mechanism (set)



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



W55-706



euro groove section 1

Normal açılım mekanizması (takım)

Opening window mechanism (set)



dışa açılır pencere
outward opening window



kapı kilit mekanizması
door locking mechanism

W55-707



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

W55-706	1	Pim karşılığı	W55-731
	2	Ayarlı karşılık	W55-733
	3	Kanat sarkma takozu	W55-740
	4	Mekanizma+kol	W55-748
	5	Menteşe	W55-770
	6	Köşe dönme	W55-730

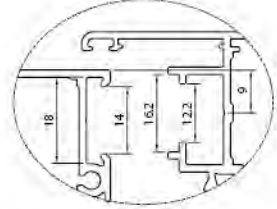
+
> 1200 x 1400 mm

Locking mechanism UNI-JET C and D - Side hung fittings - 1 sash
Fixed gear position, groove position 9mm

Normal açılım PVC mekanizması (takım)
PVC classic opening window mechanism (set)



içe açılır pencere
inward opening window



pvc groove section 9mm



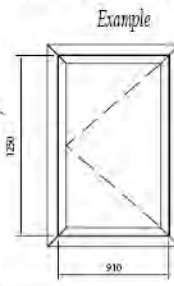
W55.710

	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200**	1201-1450**	1451-1600**
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

* arka kilitlemeli
**yatay kilitlemeli



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



sipariş kodu
order code

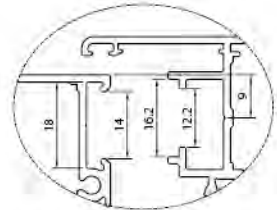
W55.710-27

Locking mechanism UNI-JET C and D - Side hung fittings - 1 sash
Fixed gear position, groove position 9mm

Çift açılım PVC mekanizması (takım)
PVC tilt and turn window mechanism (set)



içe açılır pencere
inward opening window



pvc groove section 9mm



W55.711



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

* arka kilitlemeli
**yatay kilitlemeli

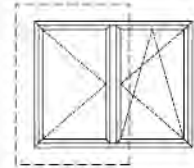
	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200**	1201-1450**	1451-1600**
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

Locking mechanism UNI-JET C and D Inactive sash fittings ZH
Fixed gear position, groove position 9 mm

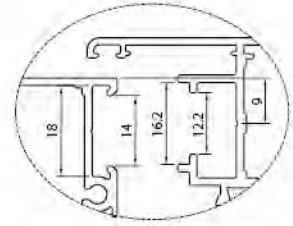


W55.712

Normal açılım PVC mekanizması (takım)
PVC classic opening window mechanism (set)



içe açılır pencere
inward opening window



pvc groove section 9mm

	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200 **	1201-1450 **	1451-1600 **
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

* arka kilitlemeli
**yatay kilitlemeli



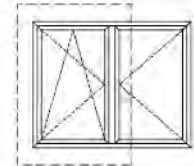
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

Locking mechanism UNI-JET C and D - Tilt-turn fittings - 2 sashes
Fixed gear position, groove position 9mm

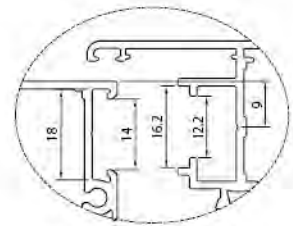


W55.713

Çift açılım PVC mekanizması (takım)
PVC tilt and turn window mechanism (set)



içe açılır pencere
inward opening window



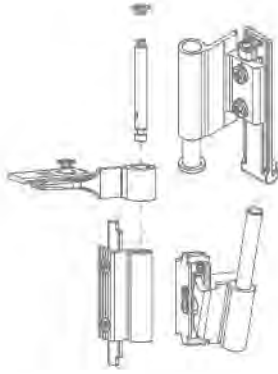
pvc groove section 9mm

	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200 **	1201-1450 **	1451-1600 **
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

* arka kilitlemeli
**yatay kilitlemeli

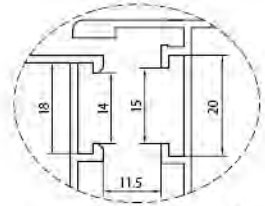


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



Çift açılım pencere üst menteşesi (130kg)
Tilt and turn window top hinge (130kg)

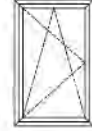
W55.720



euro groove section 1

Çift açılım pencere üst menteşesi (80kg)
Tilt and turn window top hinge (80kg)

W55.721



Çift açılım kilitmeme mekanizması
Tilt and turn base mechanism

W55.722

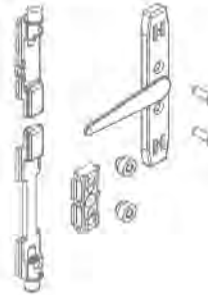


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



Çift açılım ilave kilitleme
Tilt and turn annex set

W55.723



İkinci kanat sürgü seti
Two-way lever push bolt

W55.724



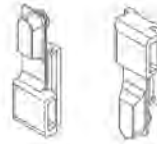
Köşe hareket aktarıcı
Corner transmission for window

W55.730



Pim karşılığı
Adjustable single striker

W55.731



Tij bağlantı pabucu
Connection blocks

W55.732



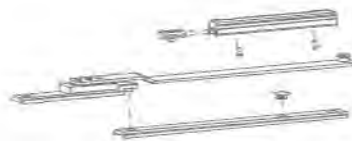
Pim
Pin

W55.733



Ayarlanabilir pim
Adjustable fastening pawl

W55.734



Çift açılım ilave makas
Tilt and turn annex arm

W55.735



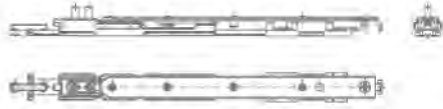
Kol karşılığı
Cremone drive

W55.736



Sürgü ucu
Bolt tip

W55.737

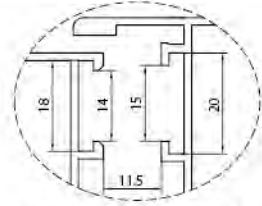


Çift açılım küçük makas (80kg)
Tilt and turn short arm (80kg)

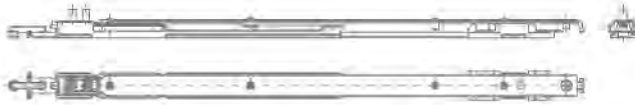
W55.738-80

Çift açılım küçük makas (130kg)
Tilt and turn short arm (130kg)

W55.738-130



euro groove section 1



Çift açılım büyük makas (80kg)
Tilt and turn long arm (80kg)

W55.739-80

Çift açılım büyük makas (130kg)
Tilt and turn long arm (130kg)

W55.739-130



Kanat sarkma takozu
Sash rise stopper

W55.740



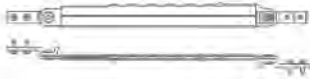
Çiftli sürgü karşılığı
Double keeper

W55.741



Kanat düşüş karşılığı
Sash drop keeper

W55.742



Kademeli teleskopik makas (inox)
Stepped Telescopic arm

W55.743



Vasistas makası
Arm for bottom-hung window

W55.744



Vasistas çıt çıt
Catch for bottom-hung window

W55.745



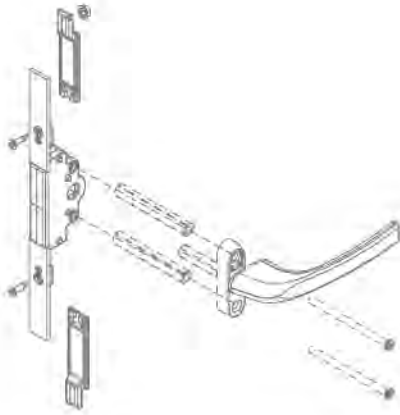
Kapı sürgüsü
Door lever bolt

W55.746



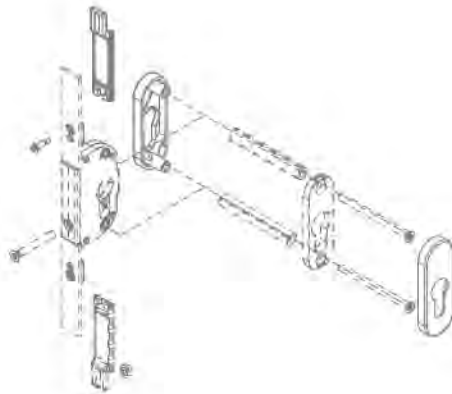
Kapı altı fırçası
Door brush

W55.747



Dışa açılır pencere-kapı mekanizması
Outward opening window-door mechanism

W55.748



Dışa açılır kapı kilit mekanizması
Outward opening door locking mechanism

W55.749



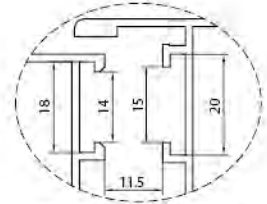
Dışa açılır kapı mekanizması
Outward opening door mechanism

W55.751



Dışa açılır kapı mekanizması
Outward opening door mechanism

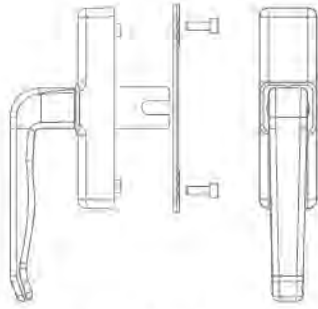
W55.750



euro groove section 1

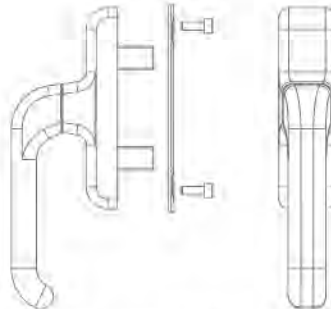


dışa açılır pencere-kapı
outward opening window-door



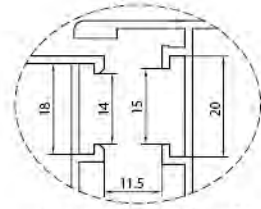
Tek maçalı normal açılım pencere kolu
Opening window handle

W55.760

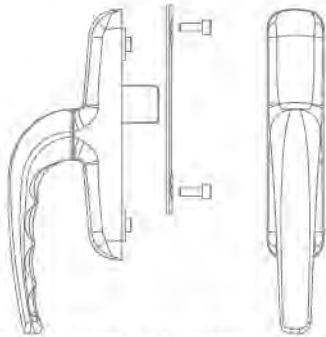


Çift maçalı normal açılım pencere kolu
Opening window handle

W55.761



euro groove section 1



Tek maçalı normal açılım pencere kolu (ithal)
Opening window handle (import)

W55.760-1

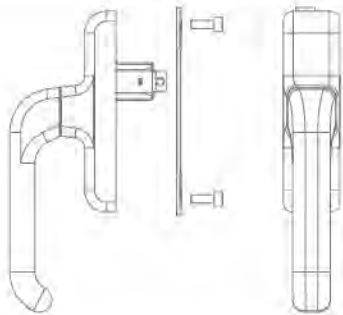


Anahtarlı eksenel kol
Key lockable window handle

W55.762

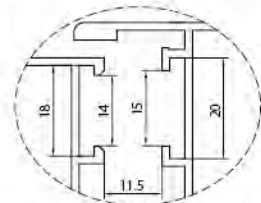


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

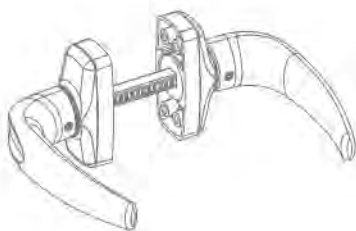


Çift açılım pencere kolu
Tilt and turn opening window handle

W55.763

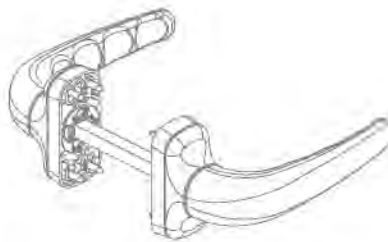


euro groove section 1



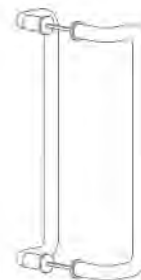
Prima kapı kolu
Prima door handle

W55.764



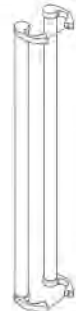
Prima kapı kolu (ithal)
Prima door handle couple (import)

W55.764-1



Kivrık kapı kolu
Door handle

W55.765



Akbank kapı kolu
Door handle

W55.763



W55.770

İki yapraklı pencere menteşesi
Two leaves window hinge



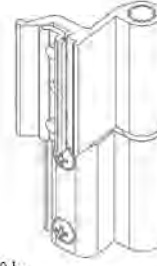
max.80 kg



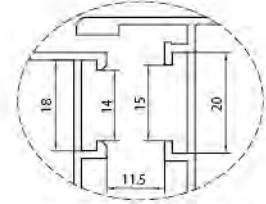
Renk seçenegi belirtilmelidir.
By selecting colors, it must be informed.



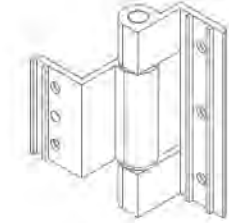
max.80 kg



W55.770-1
ithal (import)



euro groove section 1



W55.771

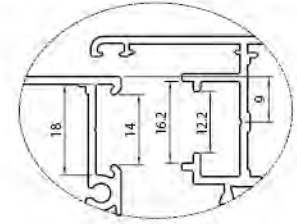
Üç yapraklı normal açılım pencere menteşesi
Three leaves window hinge



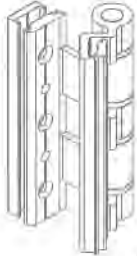
max.80 kg



Renk seçenegi belirtilmelidir.
By selecting colors, it must be informed.



pvc groove section 9mm



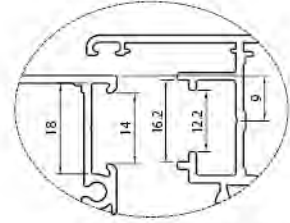
W55.773
Üç yapraklı kapı menteşesi
Three leaves door hinge



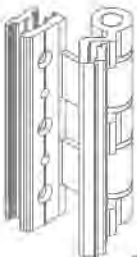
max.100 kg



Renk seçenegi belirtilmelidir.
By selecting colors, it must be informed.



pvc groove section 9mm



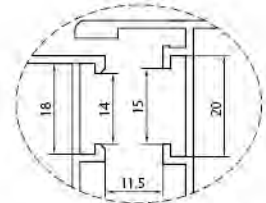
W55.774
Üç yapraklı kapı menteşesi
Three leaves door hinge



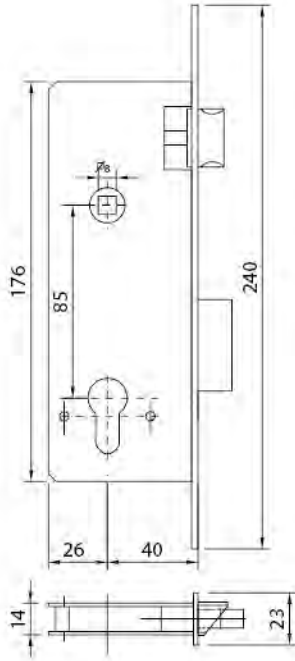
max.100 kg



Renk seçenegi belirtilmelidir.
By selecting colors, it must be informed.

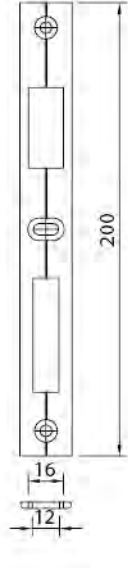


euro groove section 1



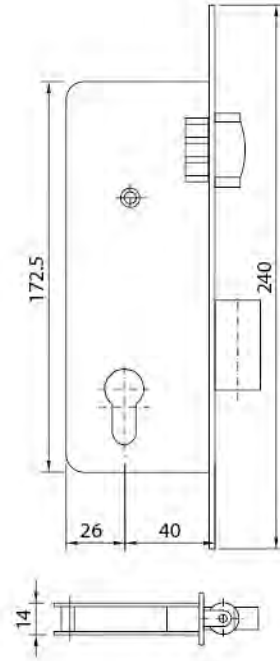
W55.780

Geniş kilit (dilli)
Wide type lock (bolt)



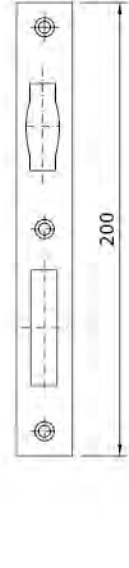
W55.781

Kilit karşılığı
Lock plate



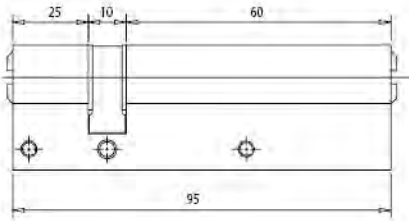
W55.782

Geniş kilit (makaralı)
Wide type lock (roller)



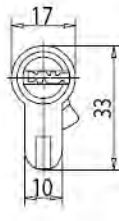
W55.783

Kilit karşılığı
Lock plate



W65.784

Barel
Cylinders

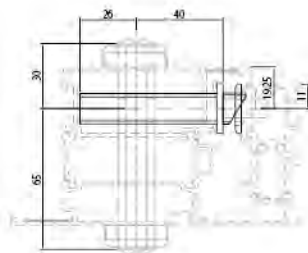


W55.785

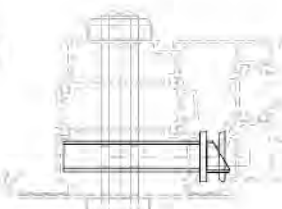
Barel rozeti
Cylinder cover



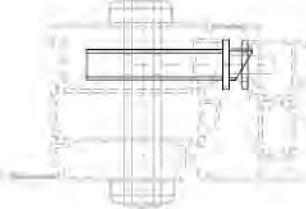
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



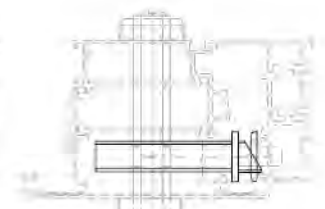
W65+15.304



W65+15.311



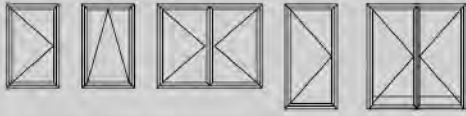
W65+15.319



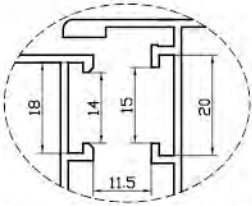
W65+15.326



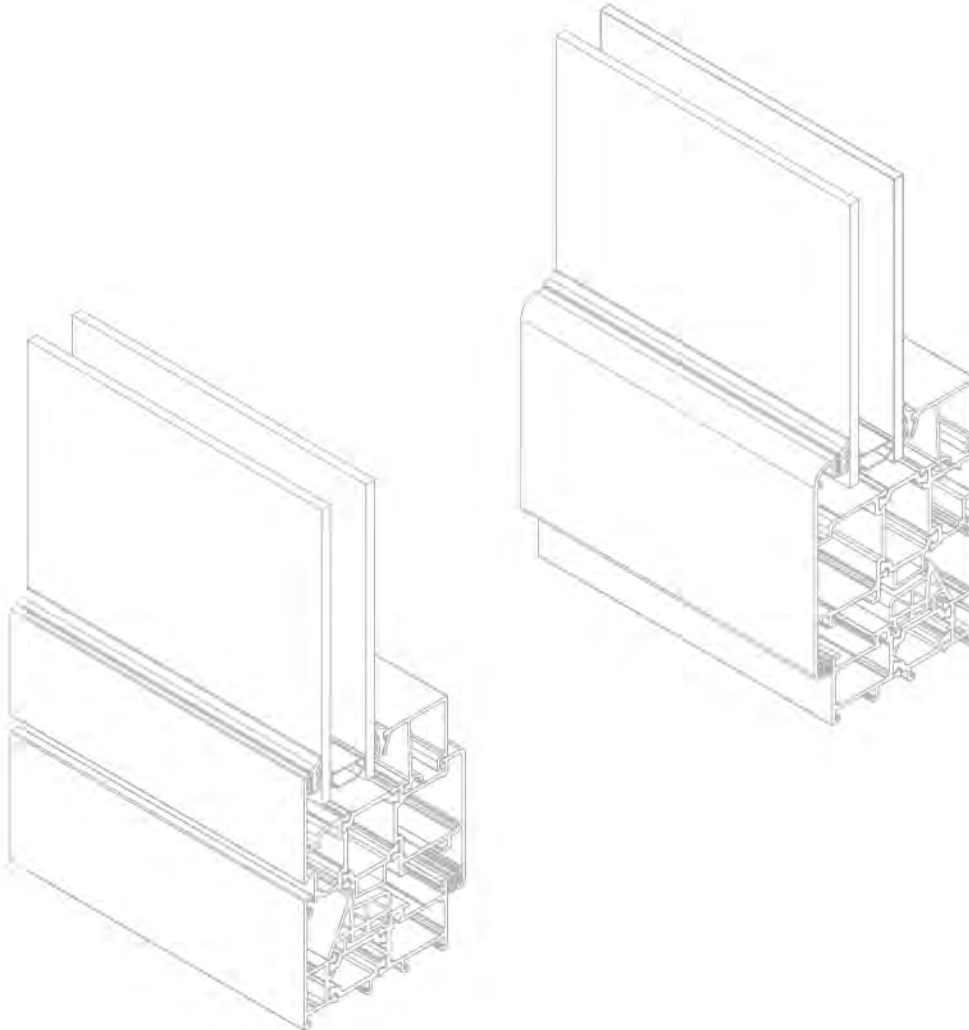
içe açılan pencere
inside opening window

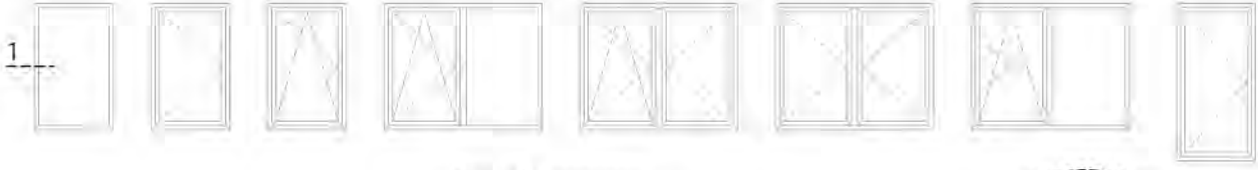


dışa açılan pencere
outward opening window

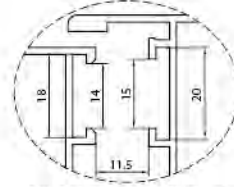


euro groove section 1

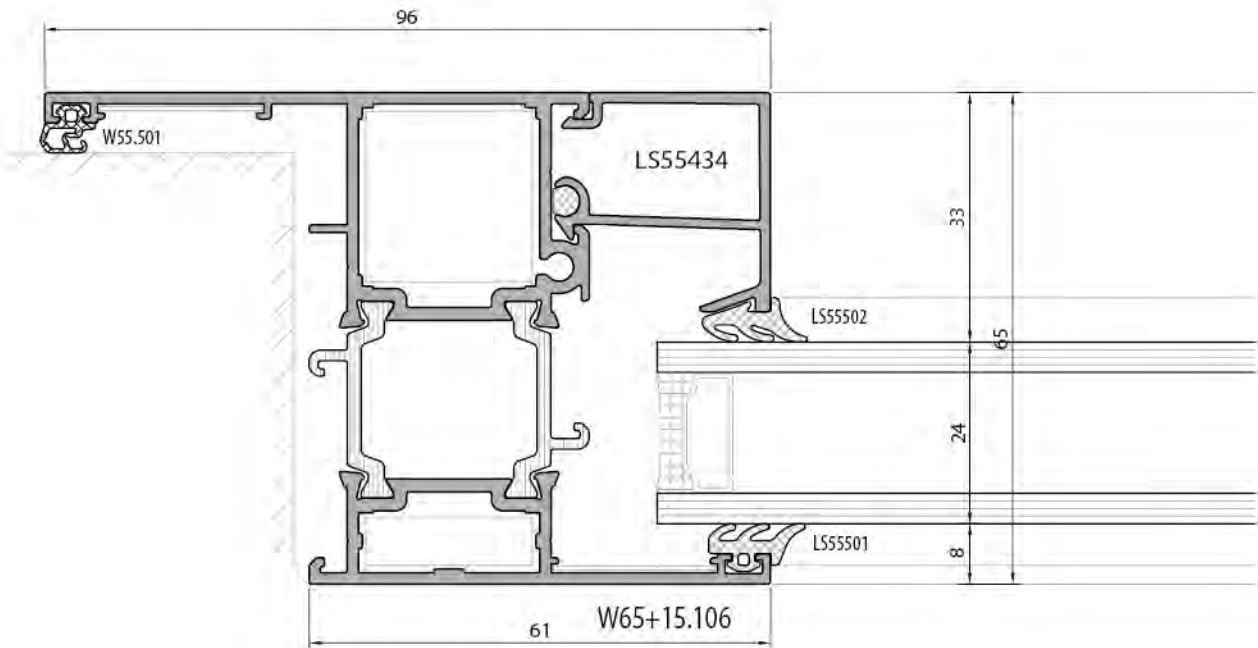
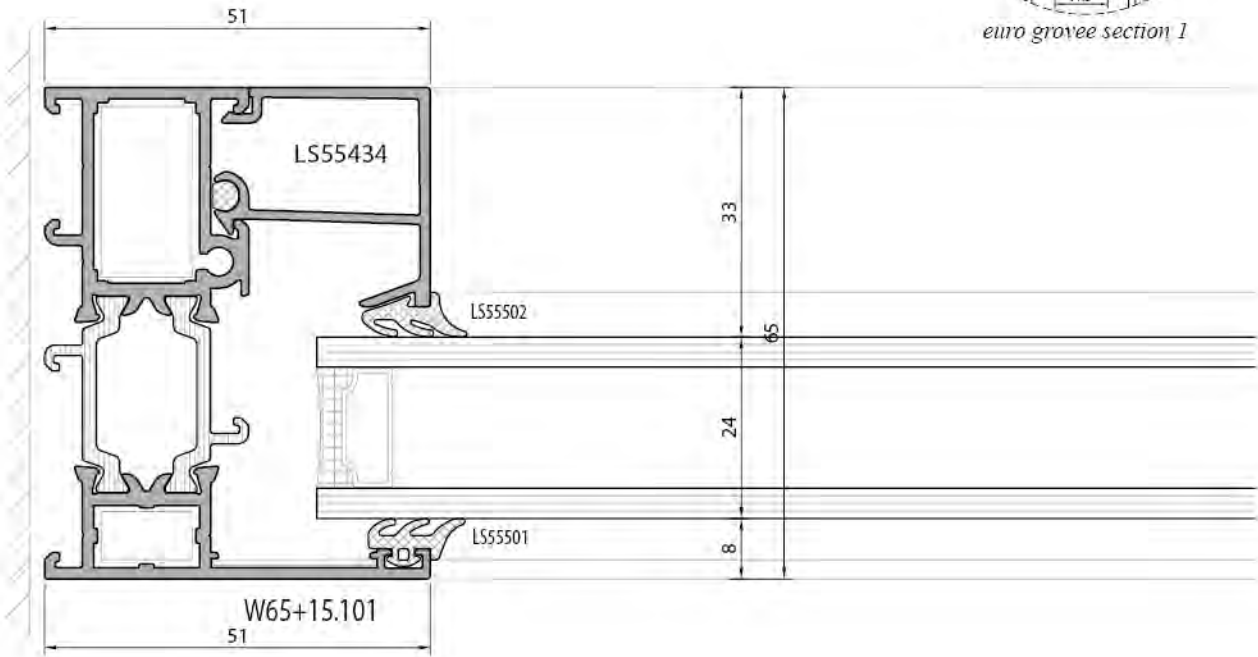


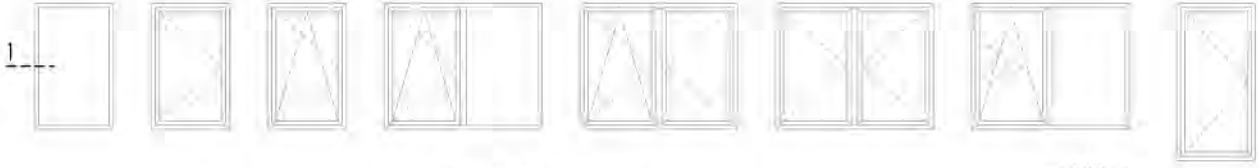


içe açılır pencere
inward opening window

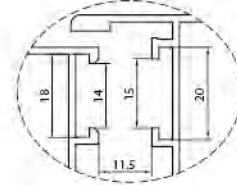


euro groove section 1

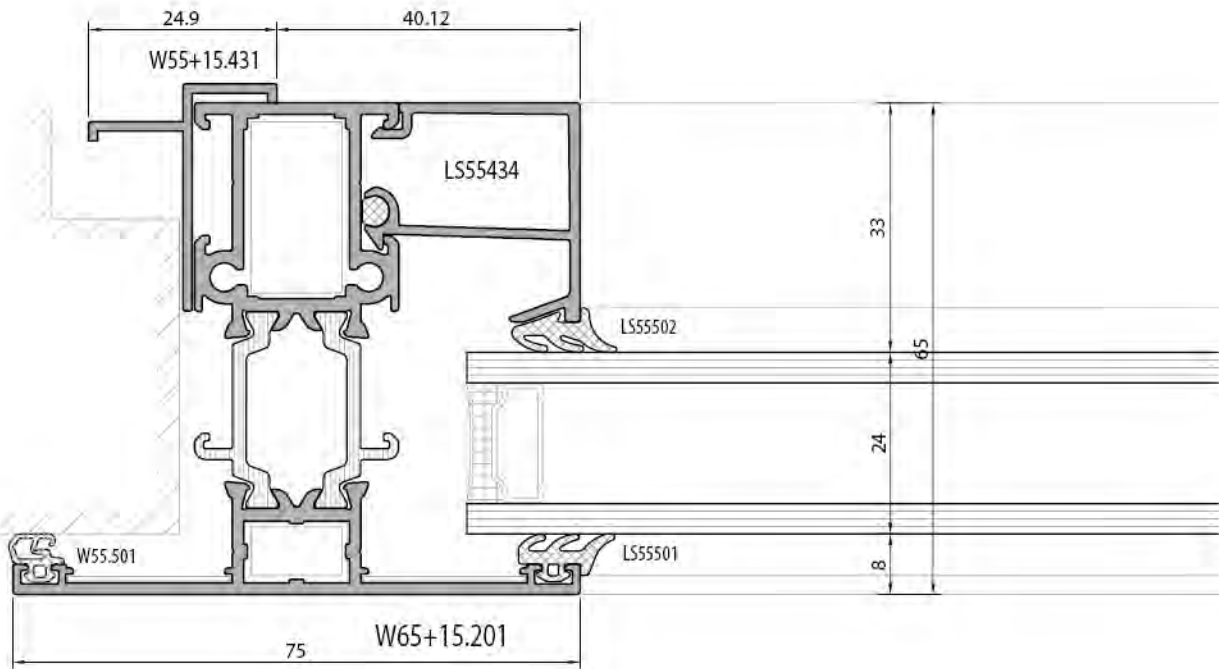
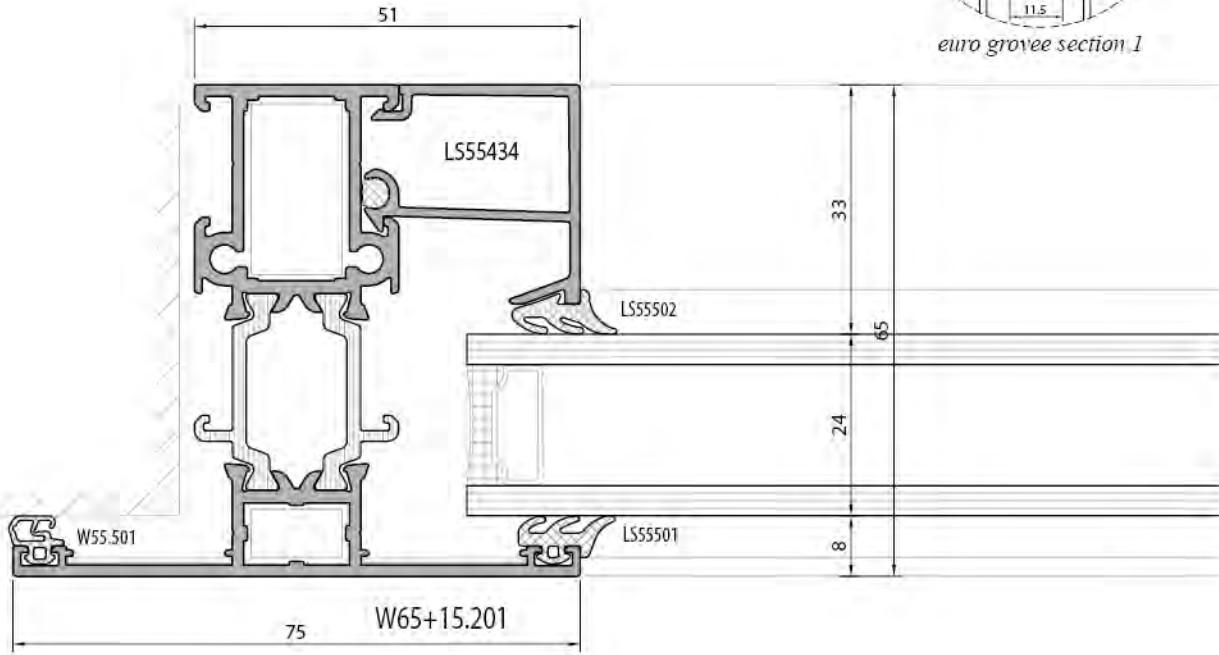


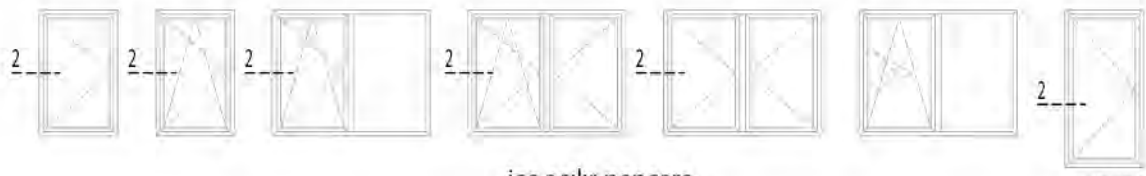


içe açılır pencere
inward opening window

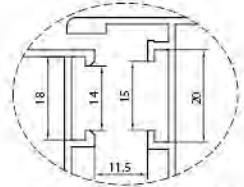


euro groove section 1

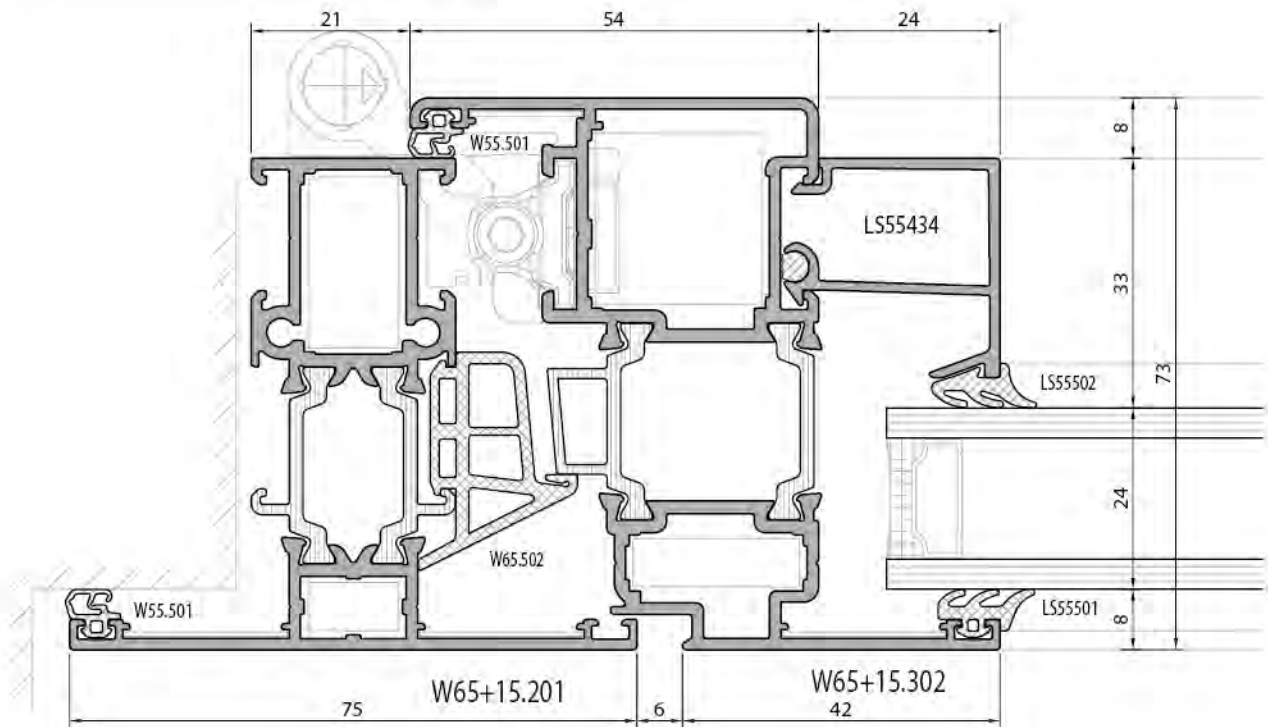
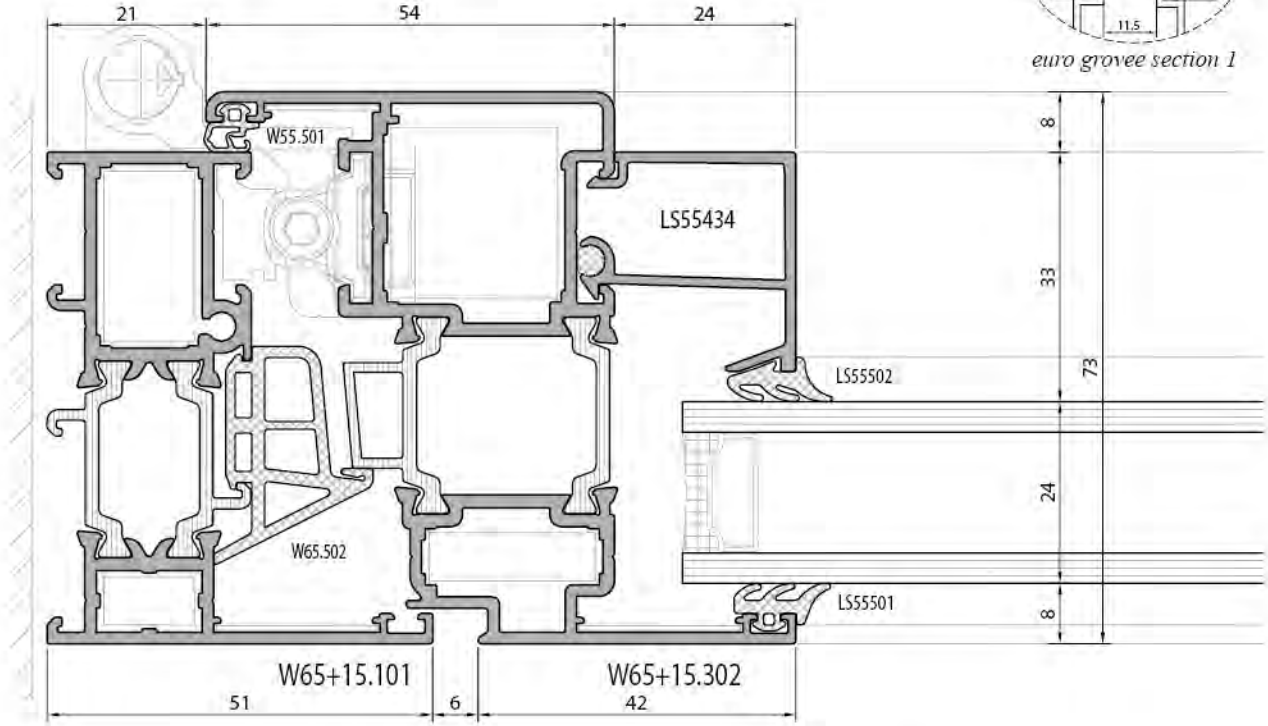


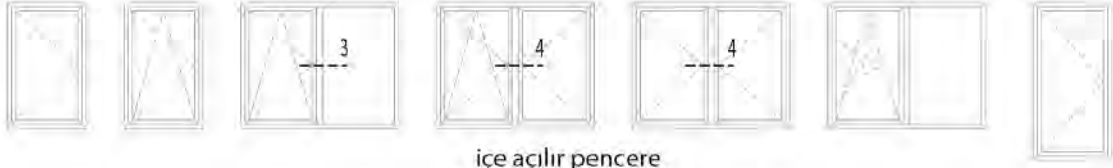


içe açılır pencere
inward opening window

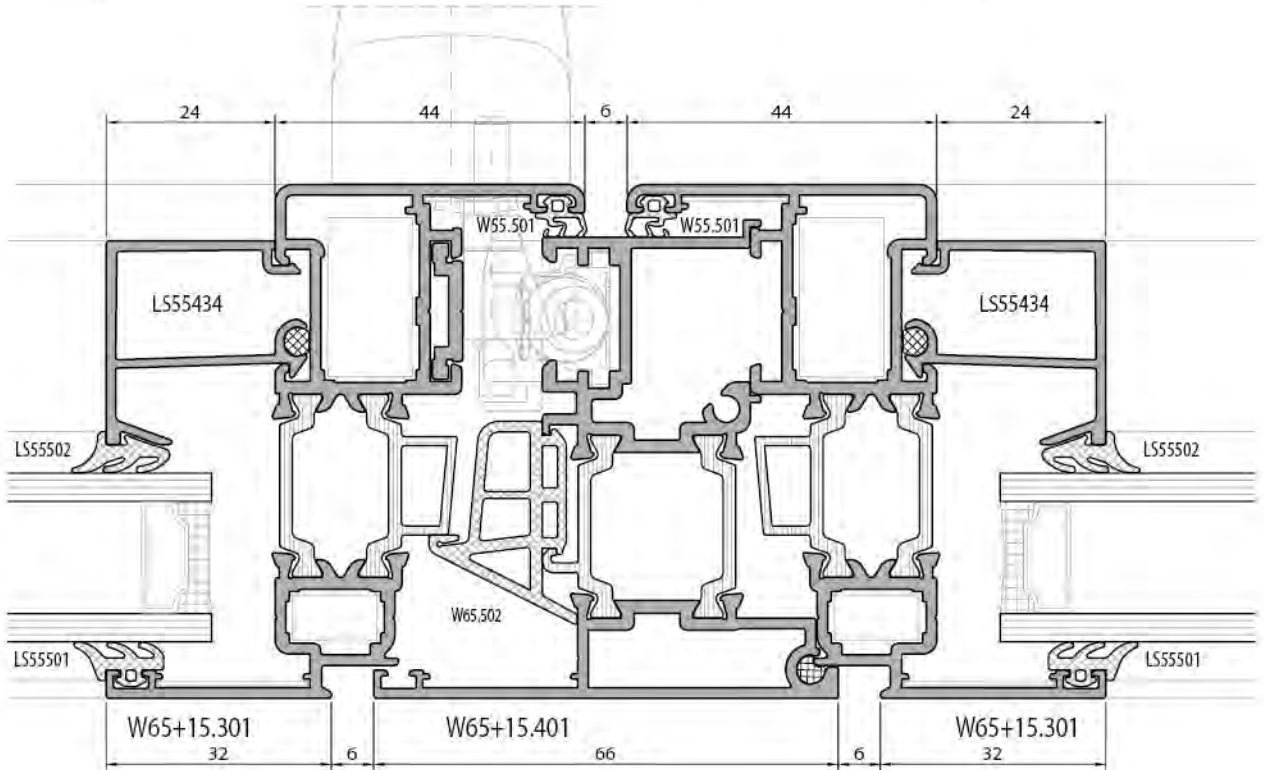
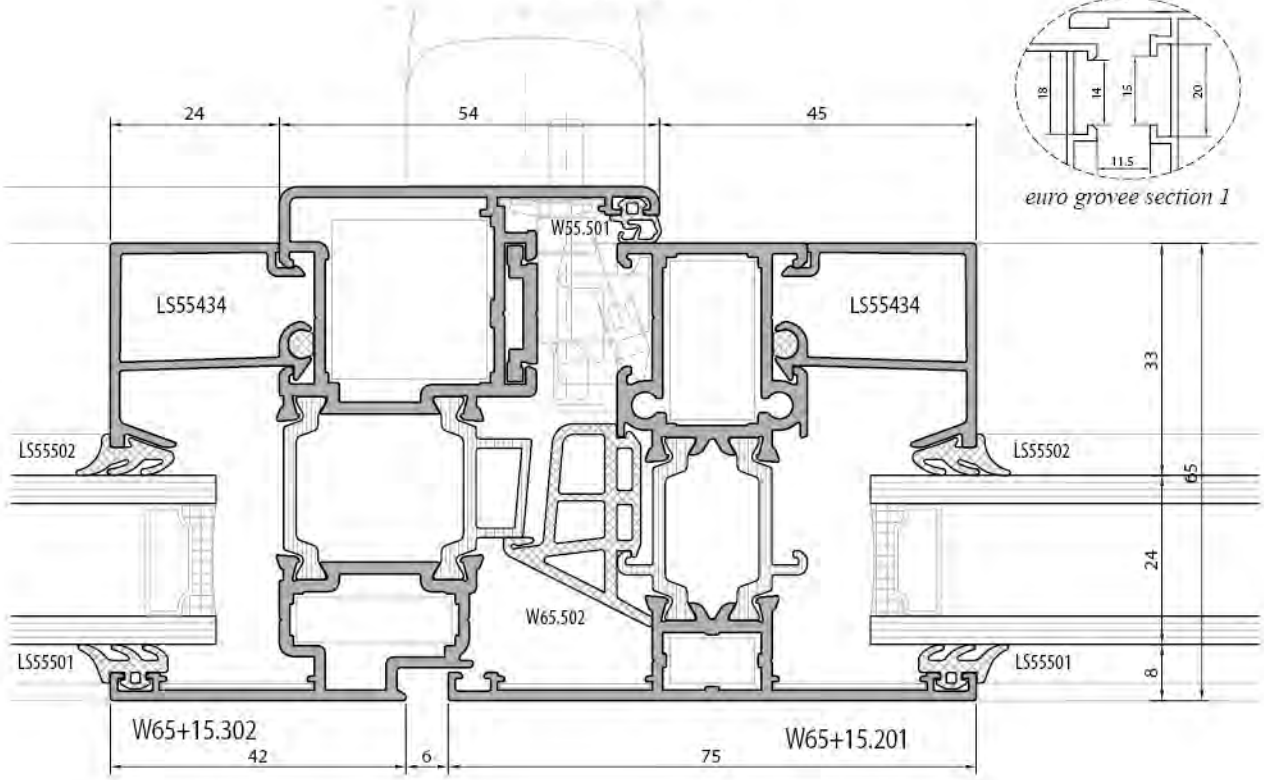


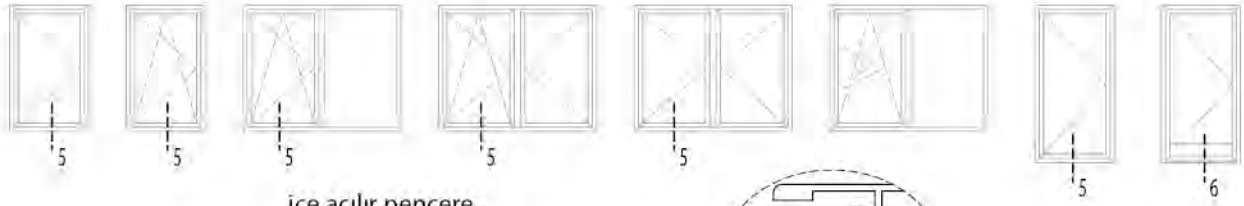
euro groove section 1



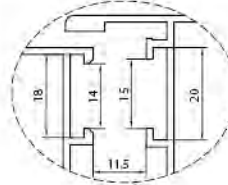


içe açılır pencere
inward opening window

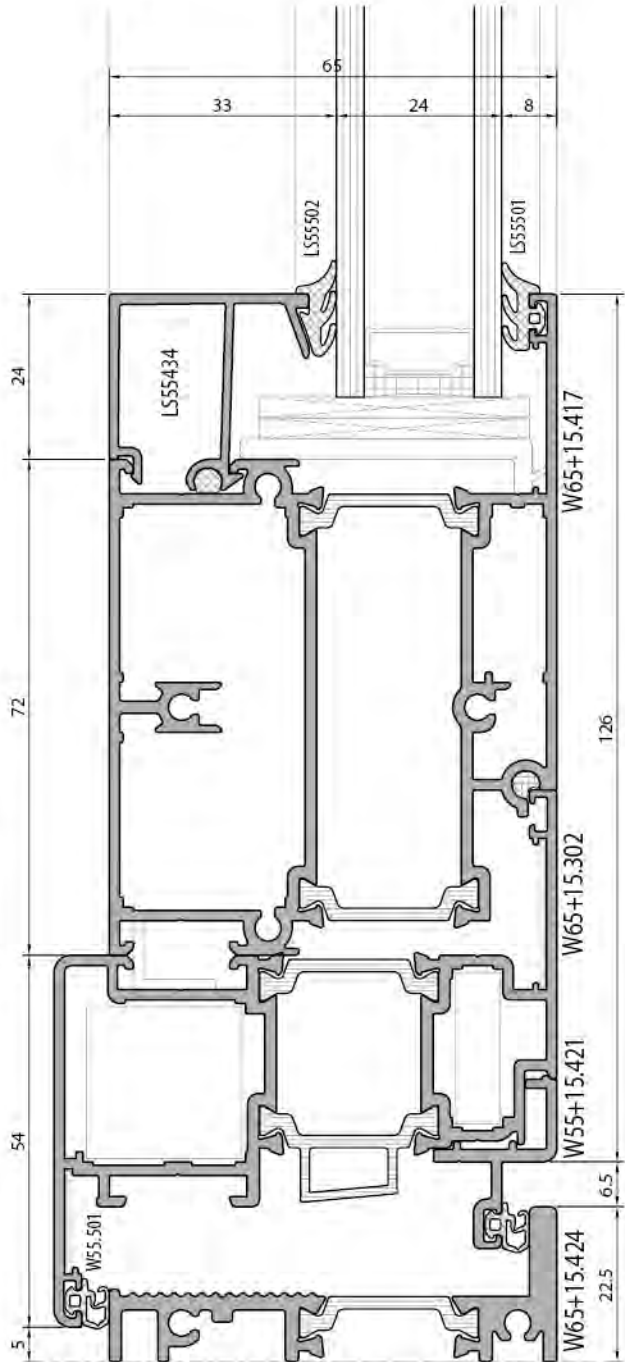
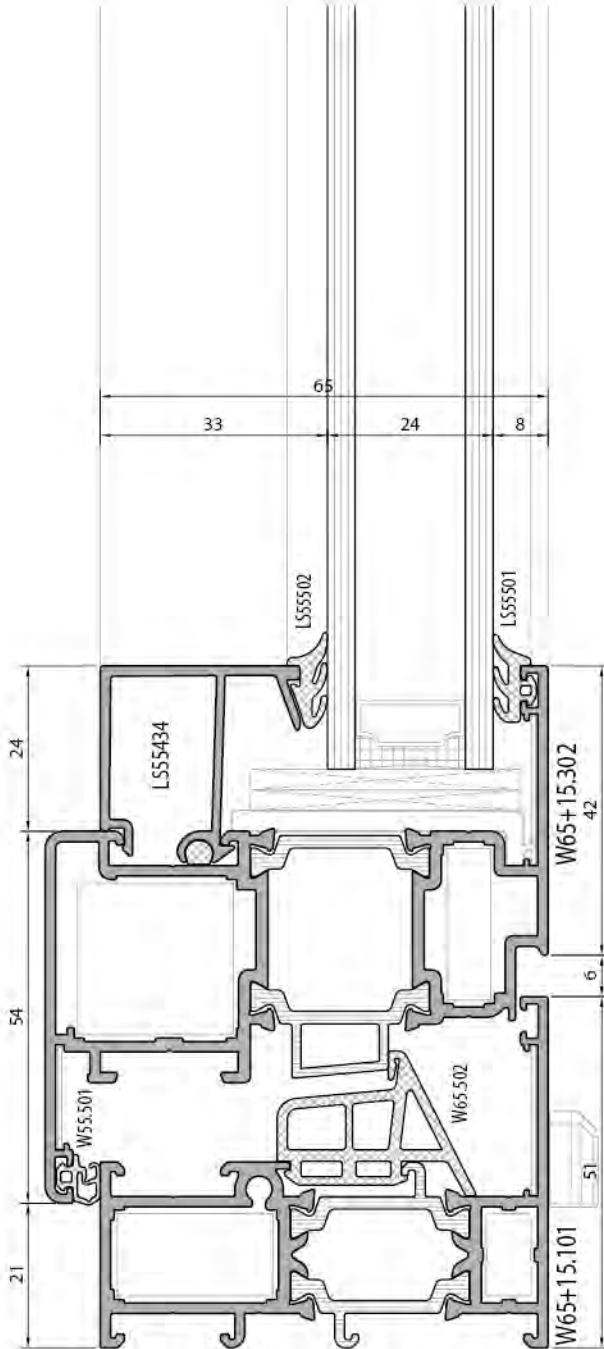


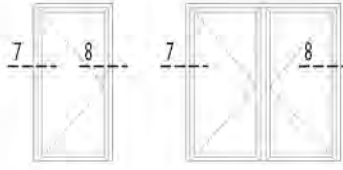


içe açılır pencere
inward opening window

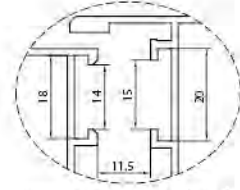


euro groove section 1

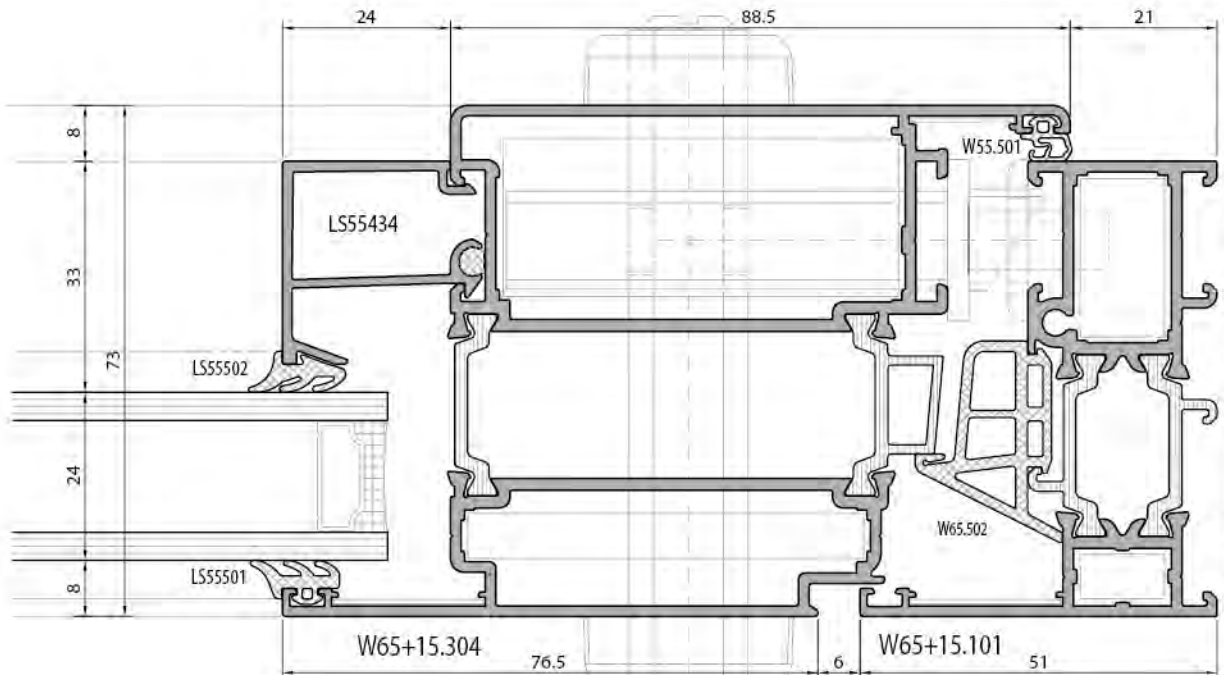
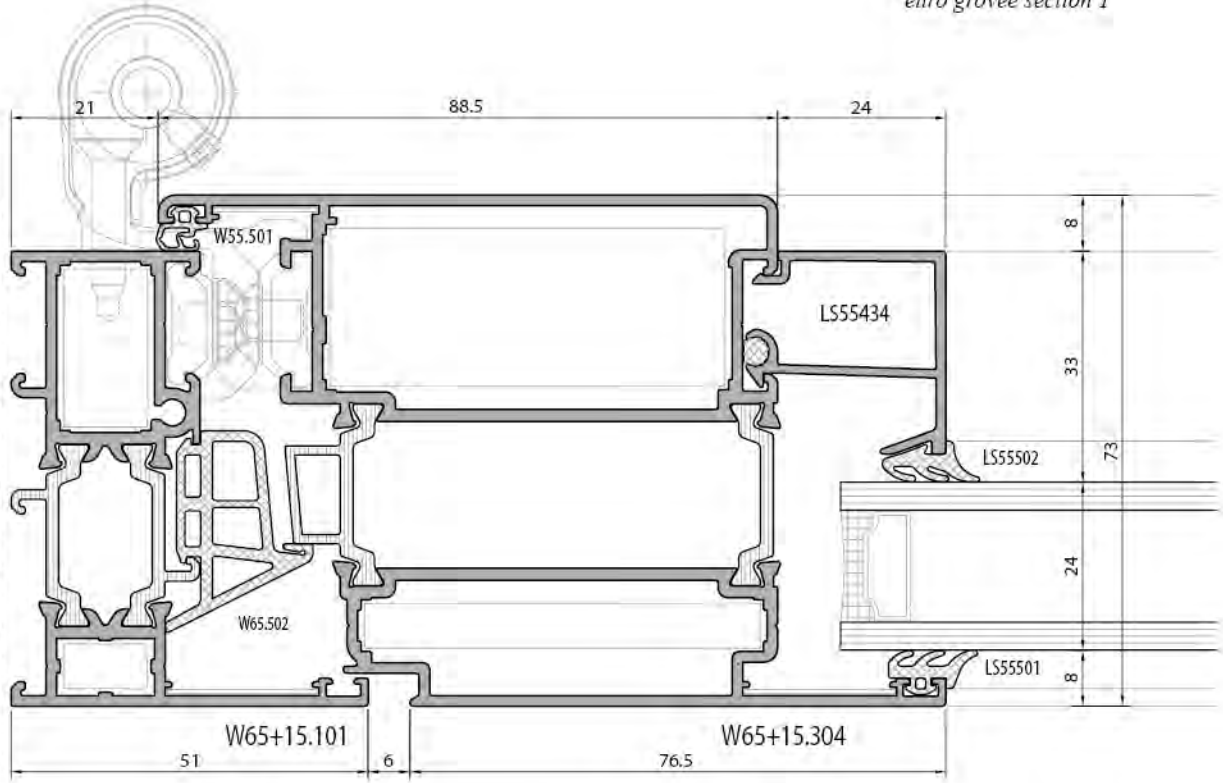


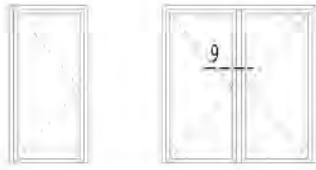


içe açılır pencere
inward opening window

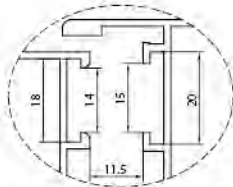


euro groove section I

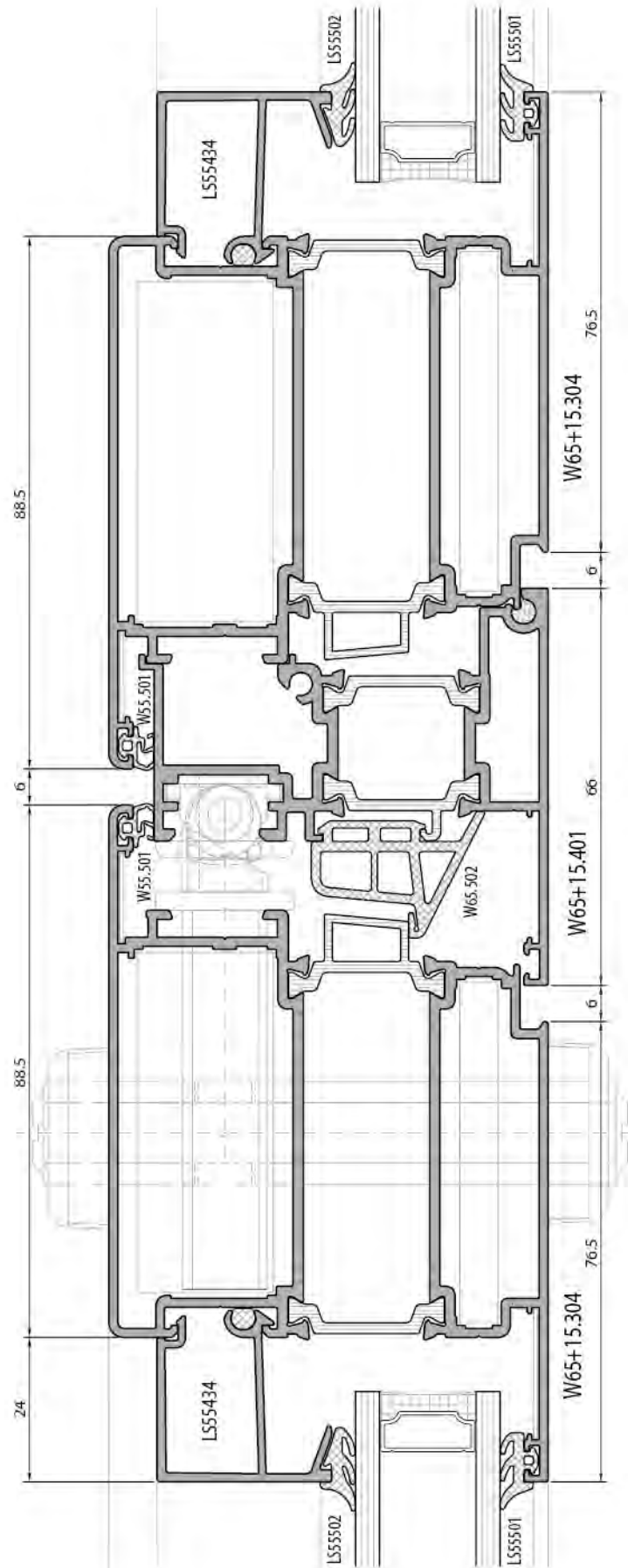


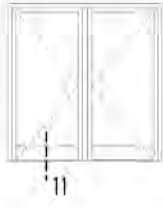


içe açılır pencere
inward opening window

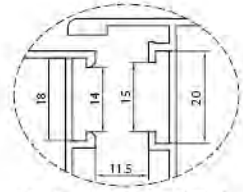


euro groove section 1

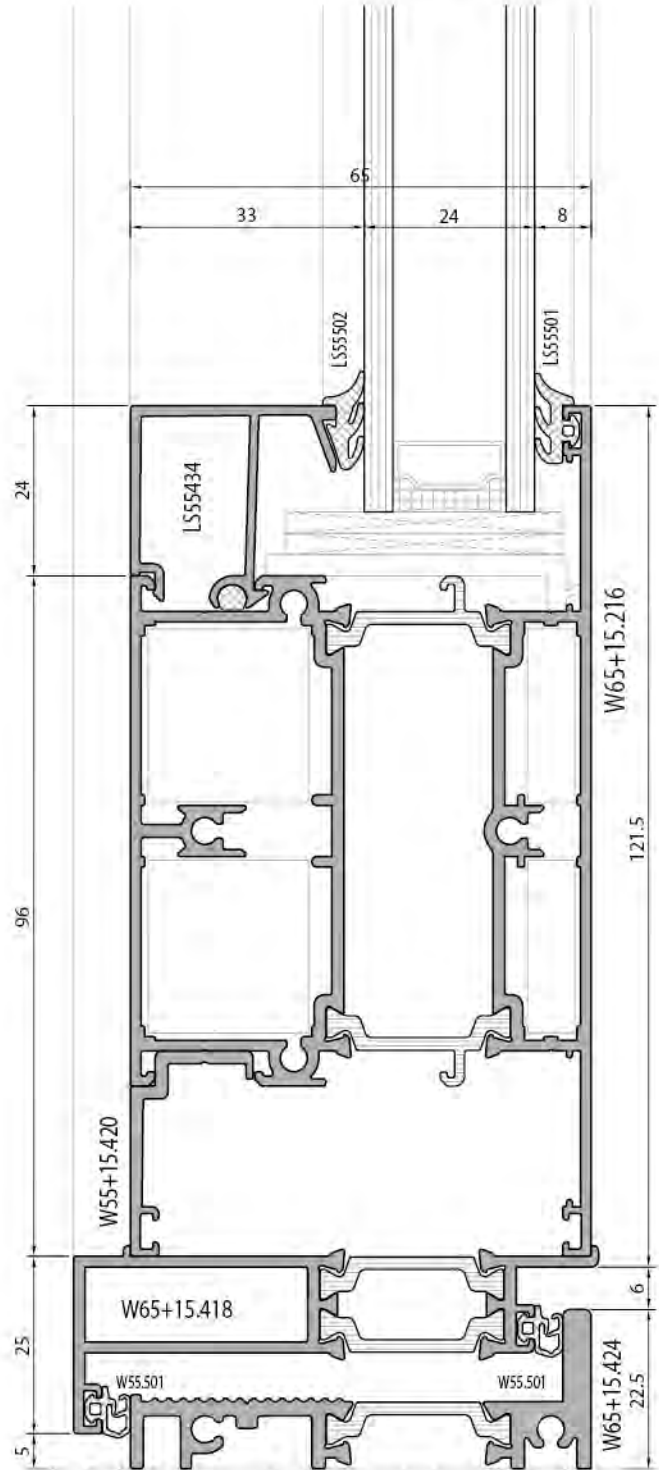
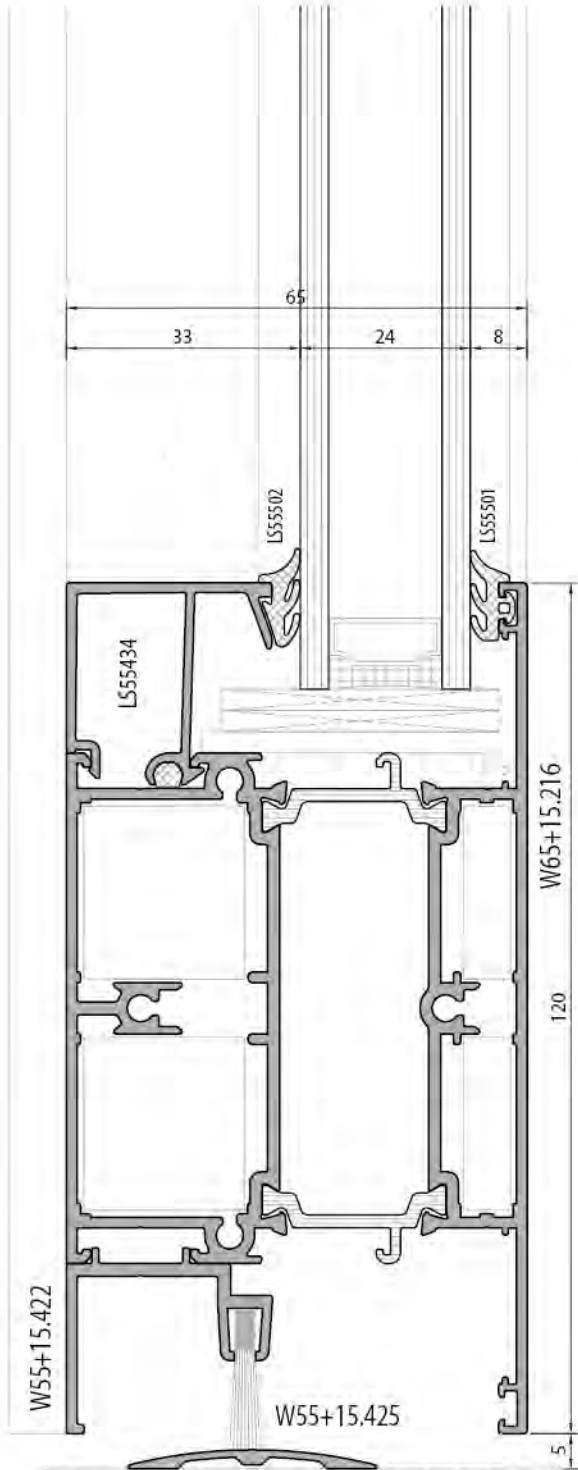


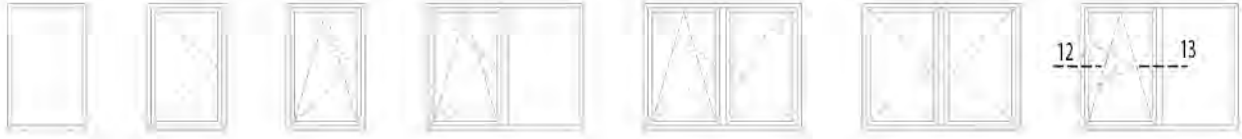


içe açılır pencere
inward opening window

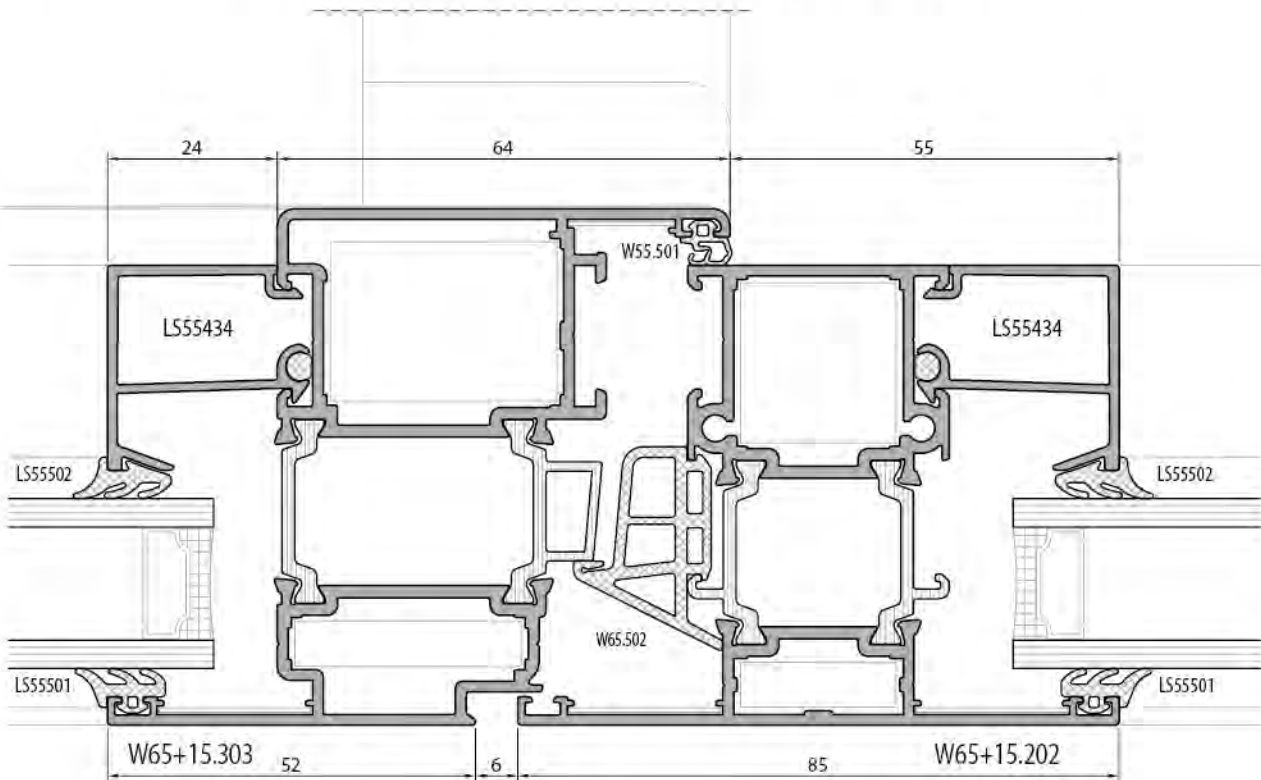
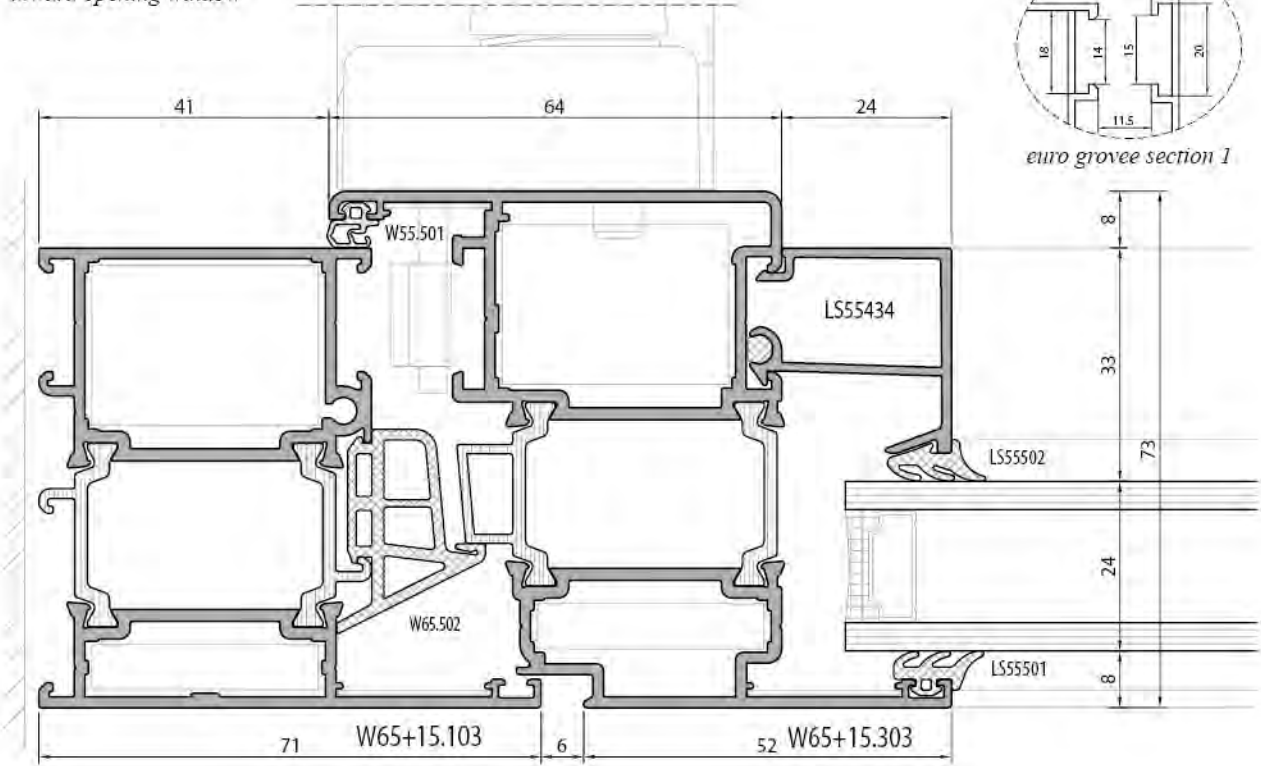


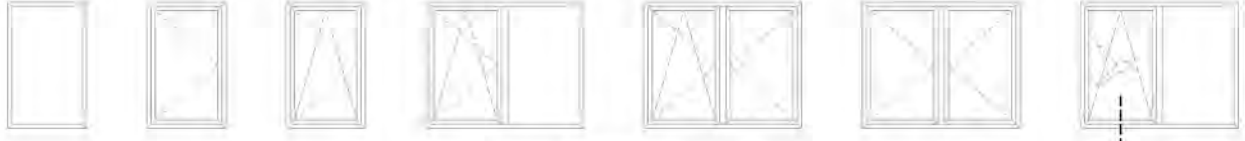
euro groove section 1



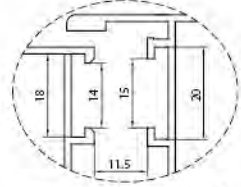


içe açılır pencere
inward opening window

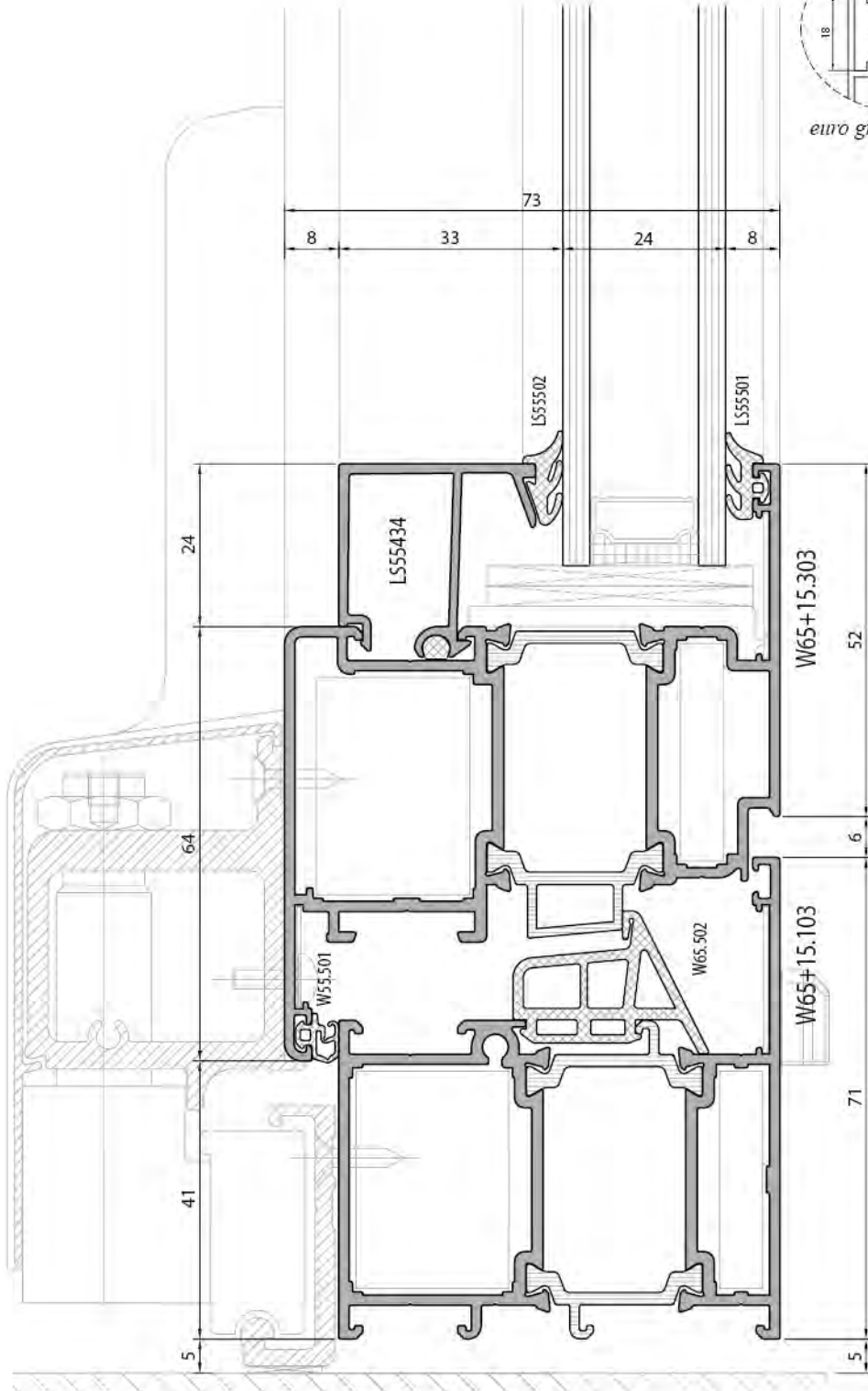


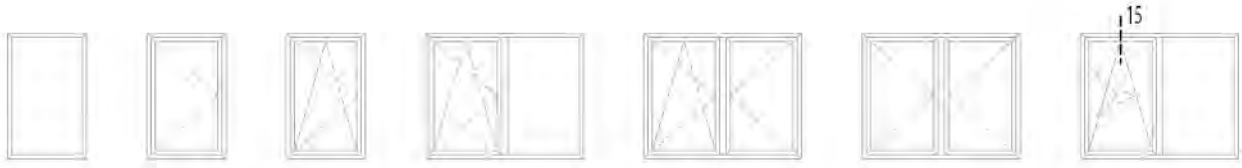


içe açılır pencere
inward opening window

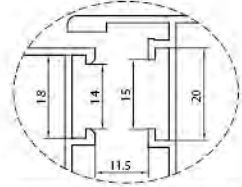


euro groove section I

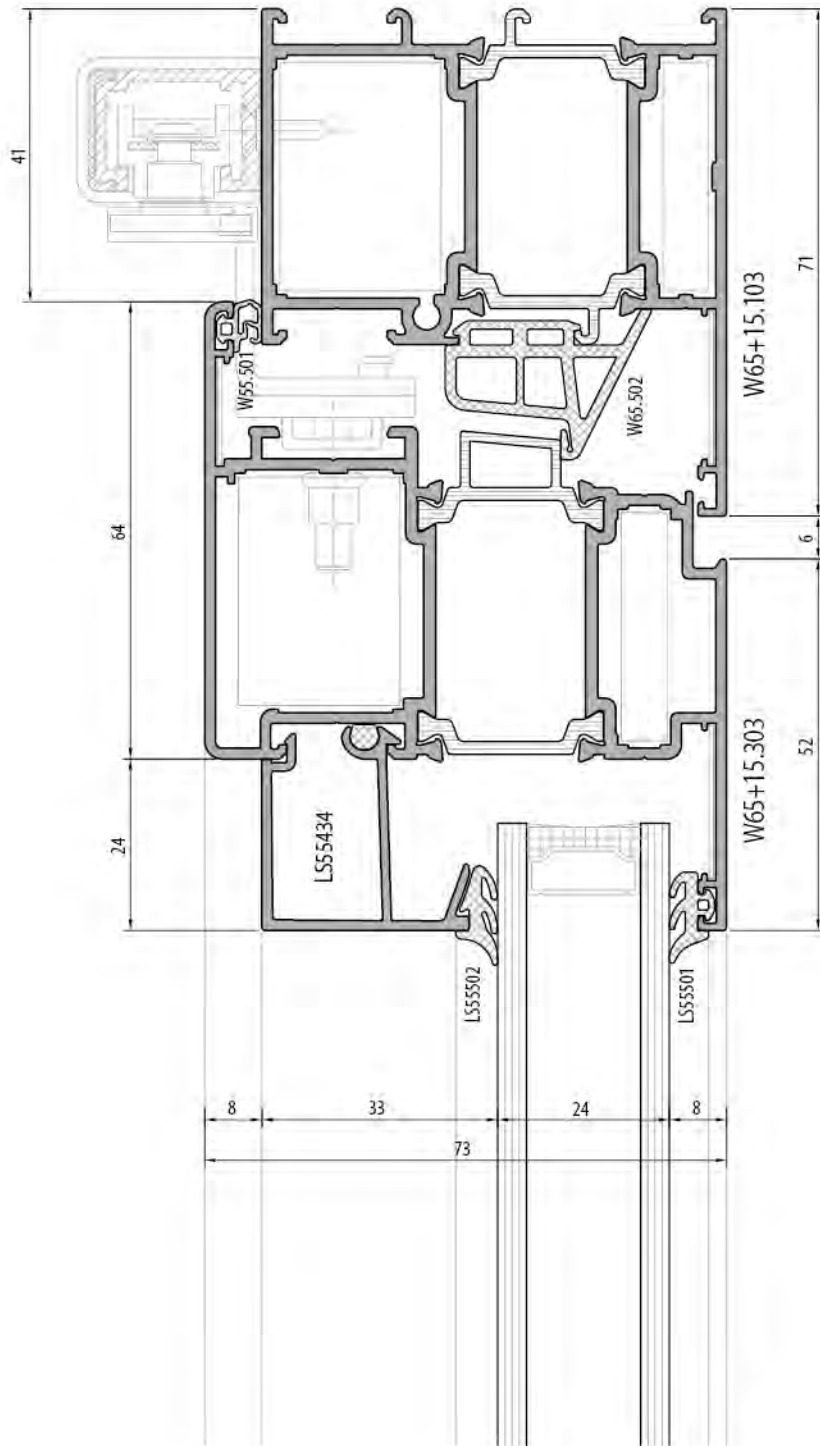


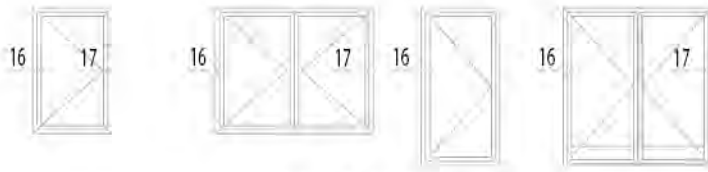


içe açılır pencere
inward opening window

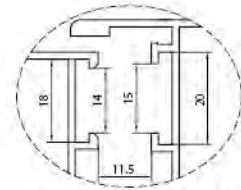


euro groove section 1

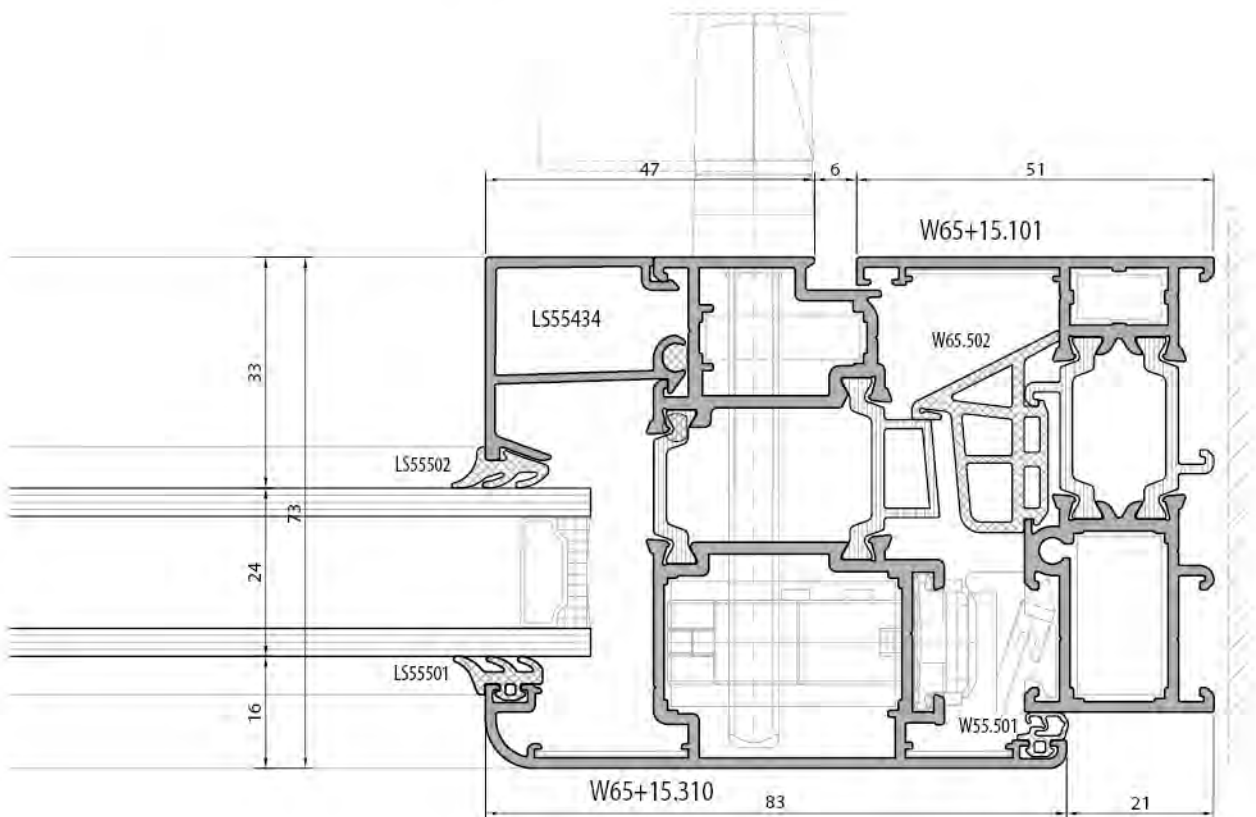
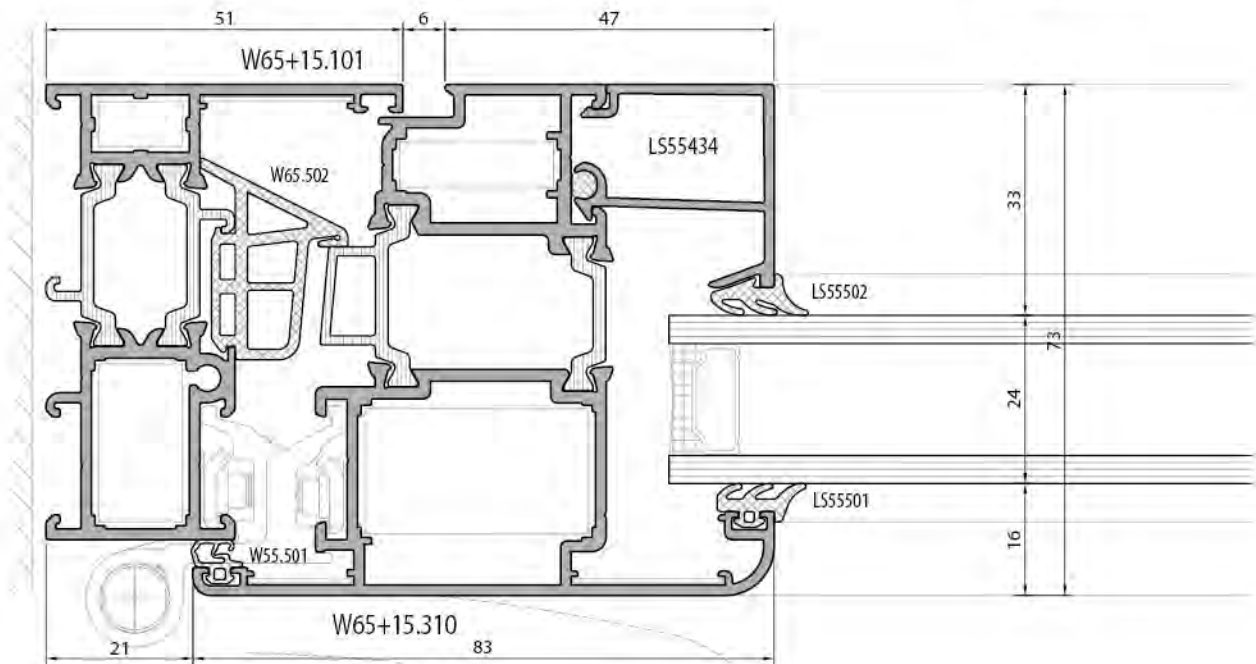


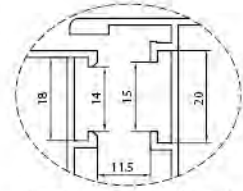
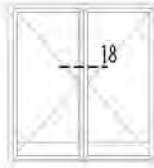
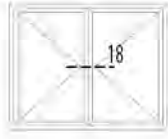


diş a açılır pencere
outward opening window



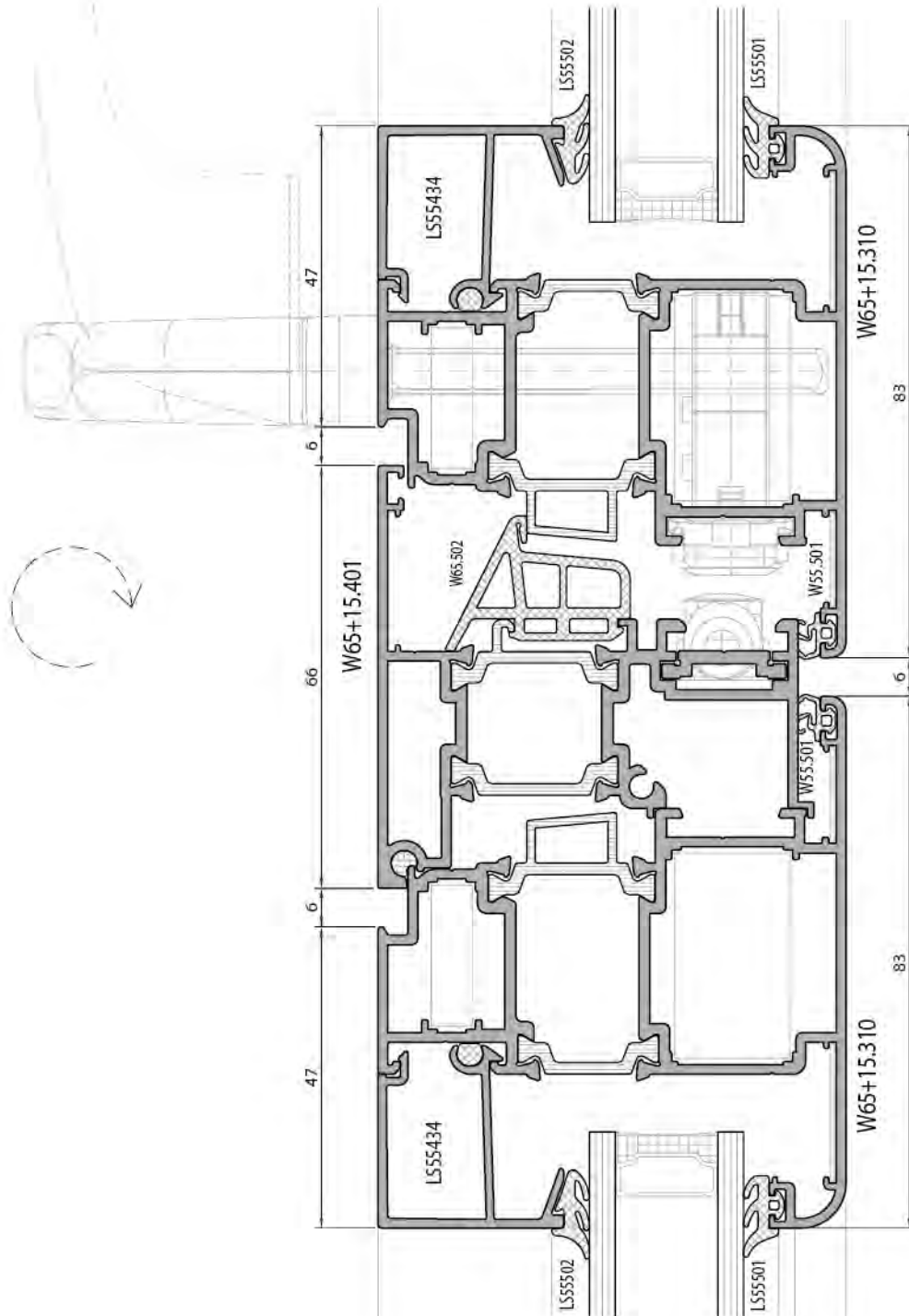
euro grovee section 1

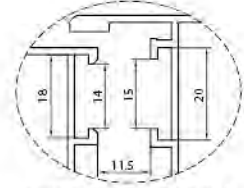
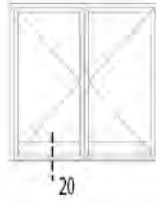
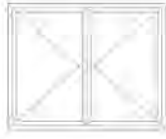




dışa açılır pencere
outward opening window

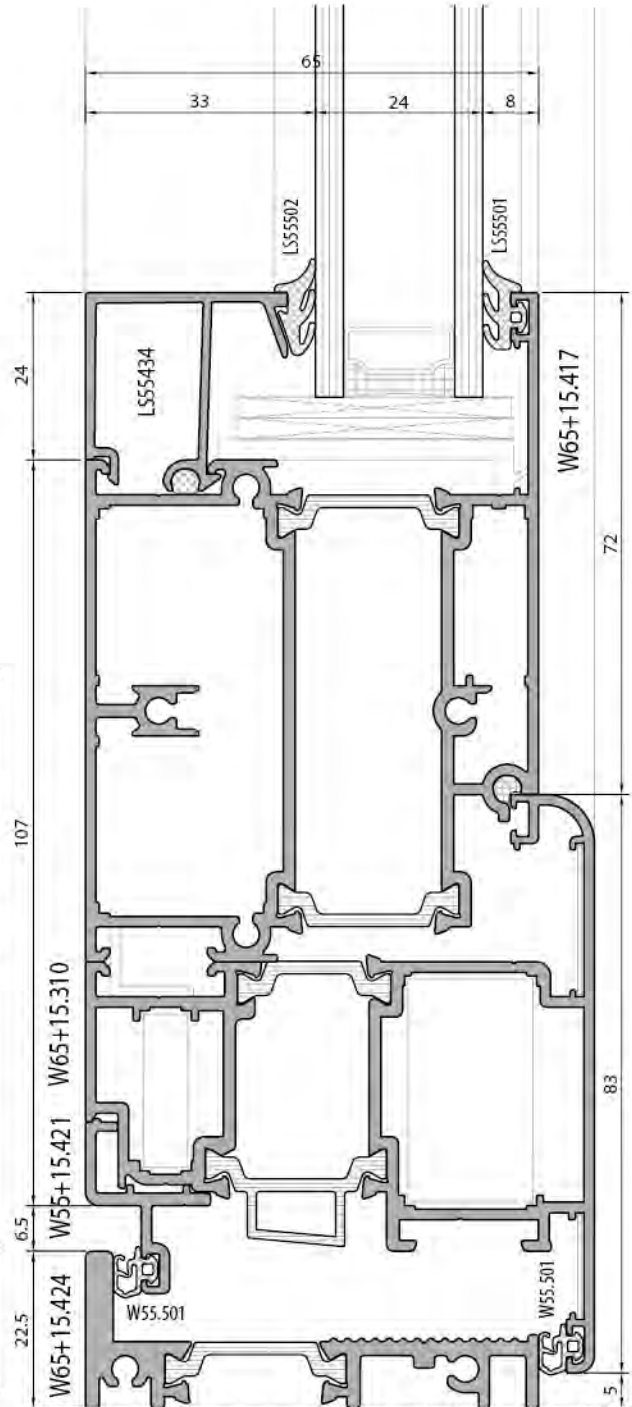
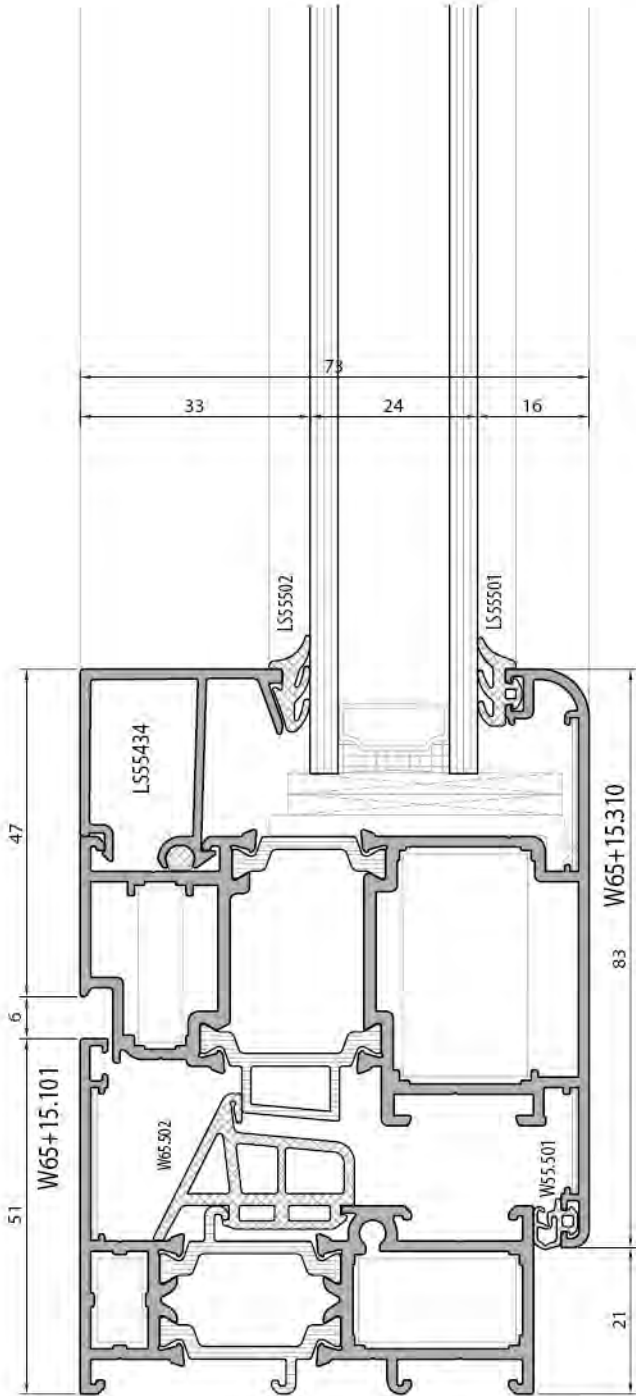
euro groove section 1

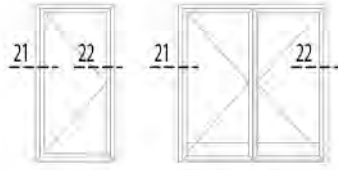




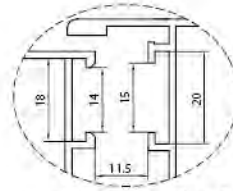
euro groove section 1

dışa açılır pencere
outward opening window

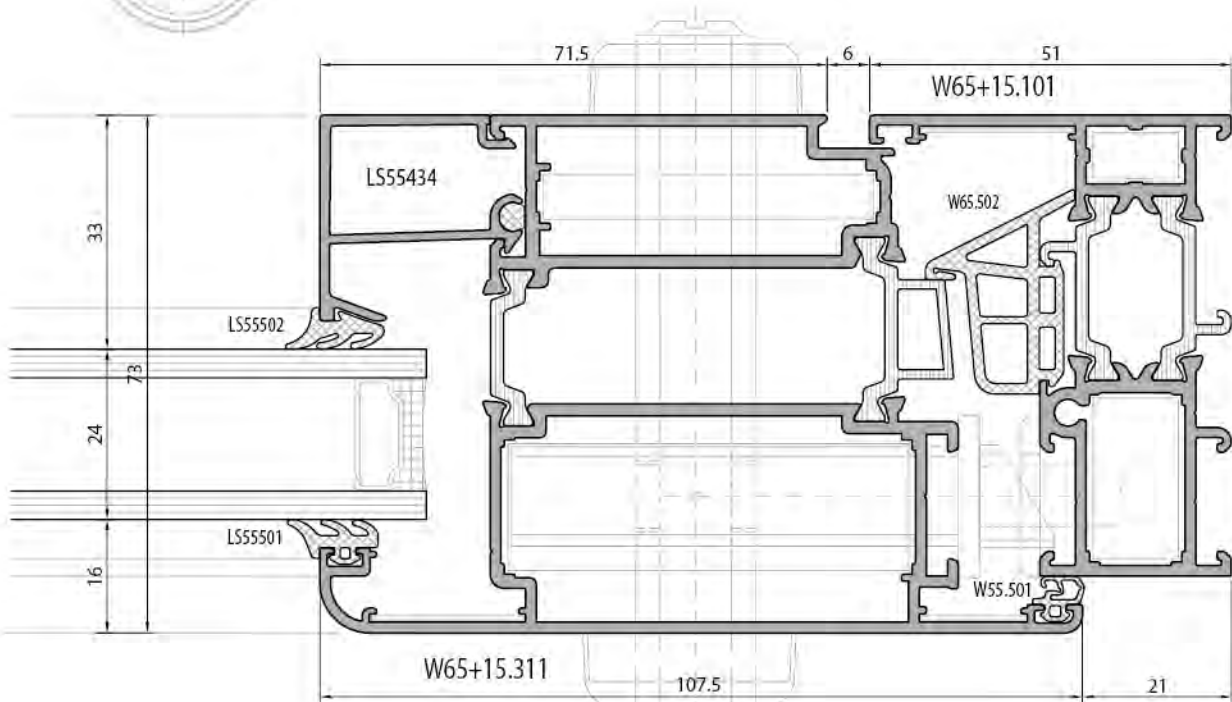
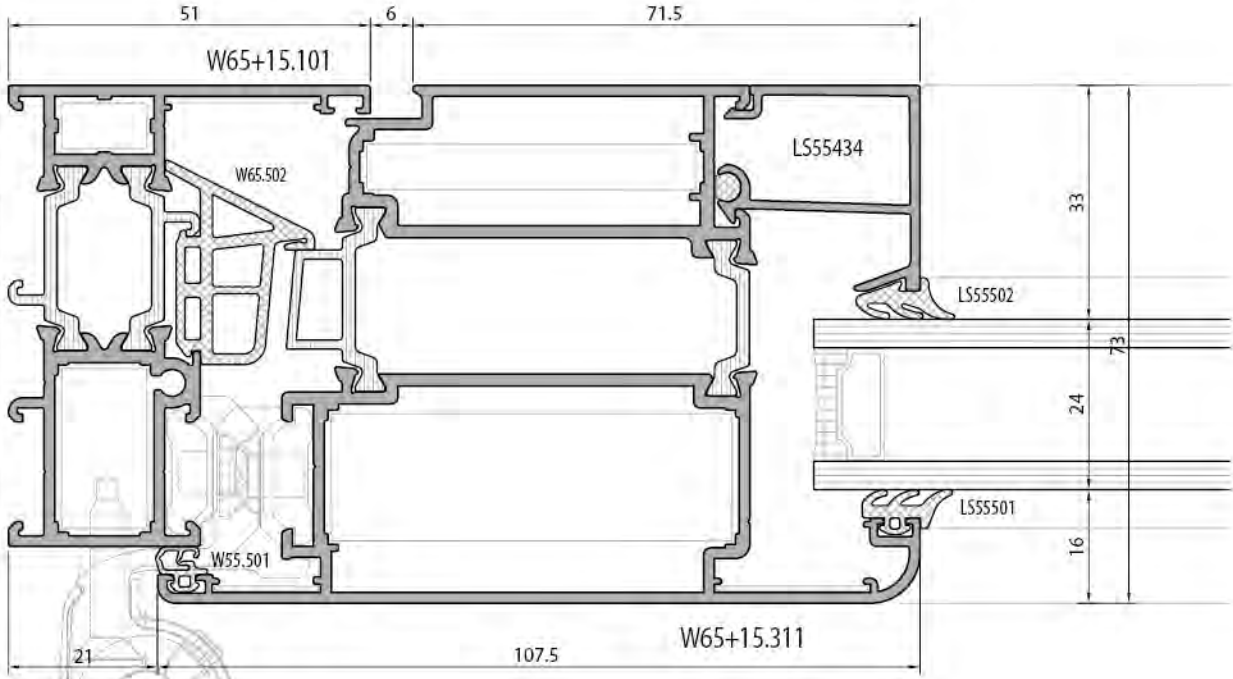




dışa açılır kapı
outward opening door

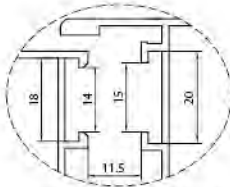


euro groove section 1

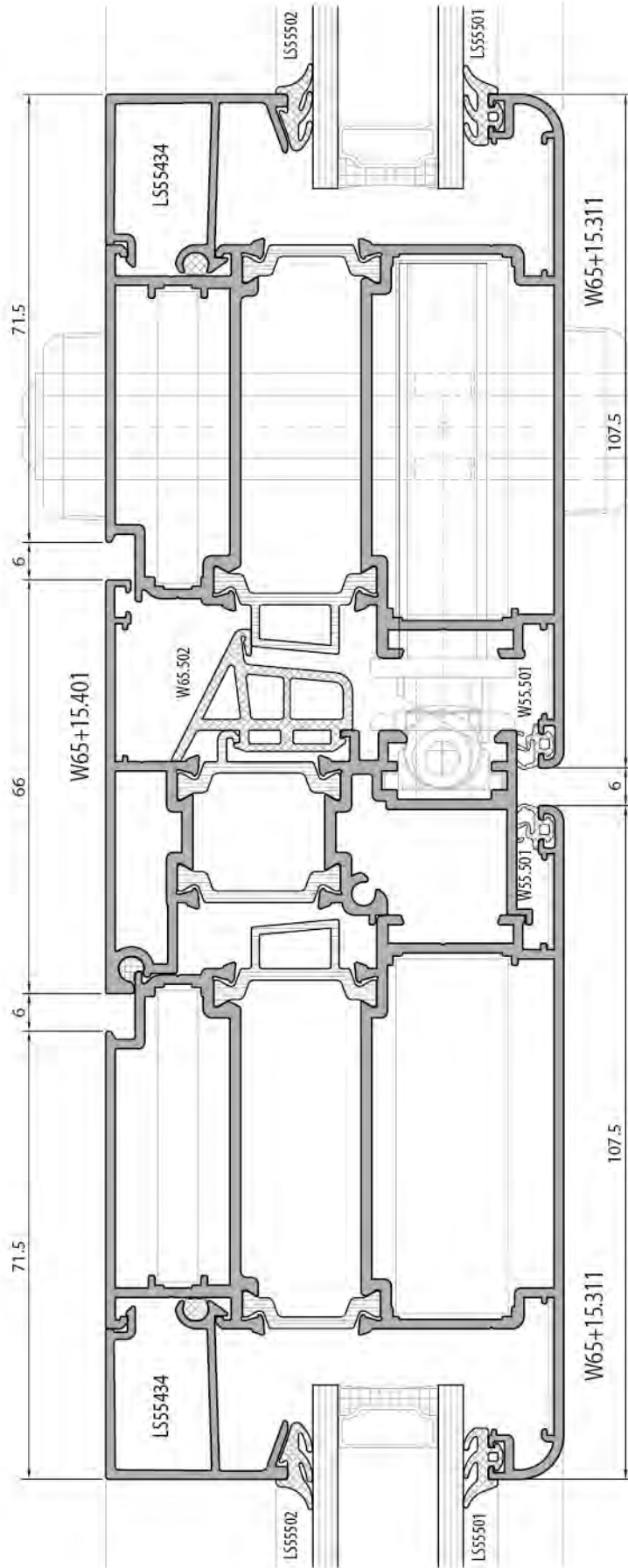




dışa açılır kapı
outward opening door

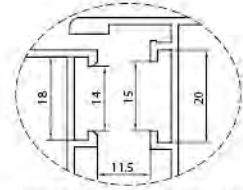


euro groove section 1

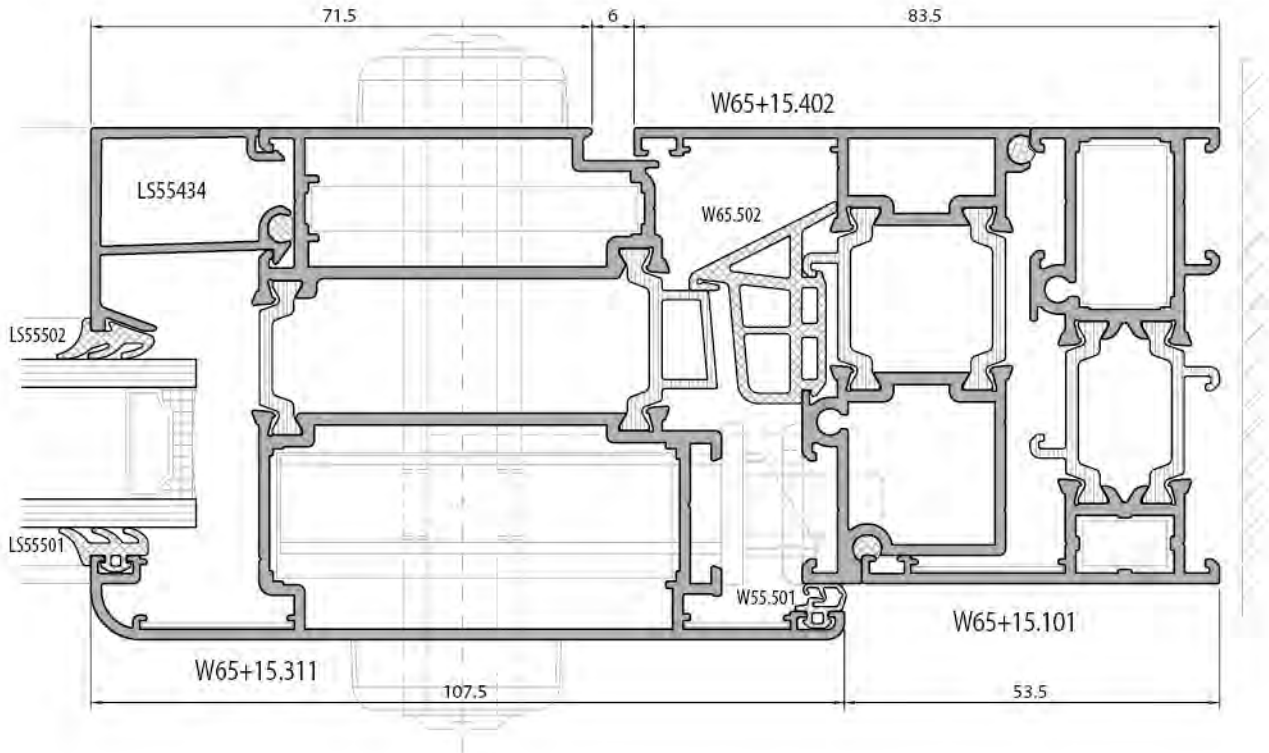
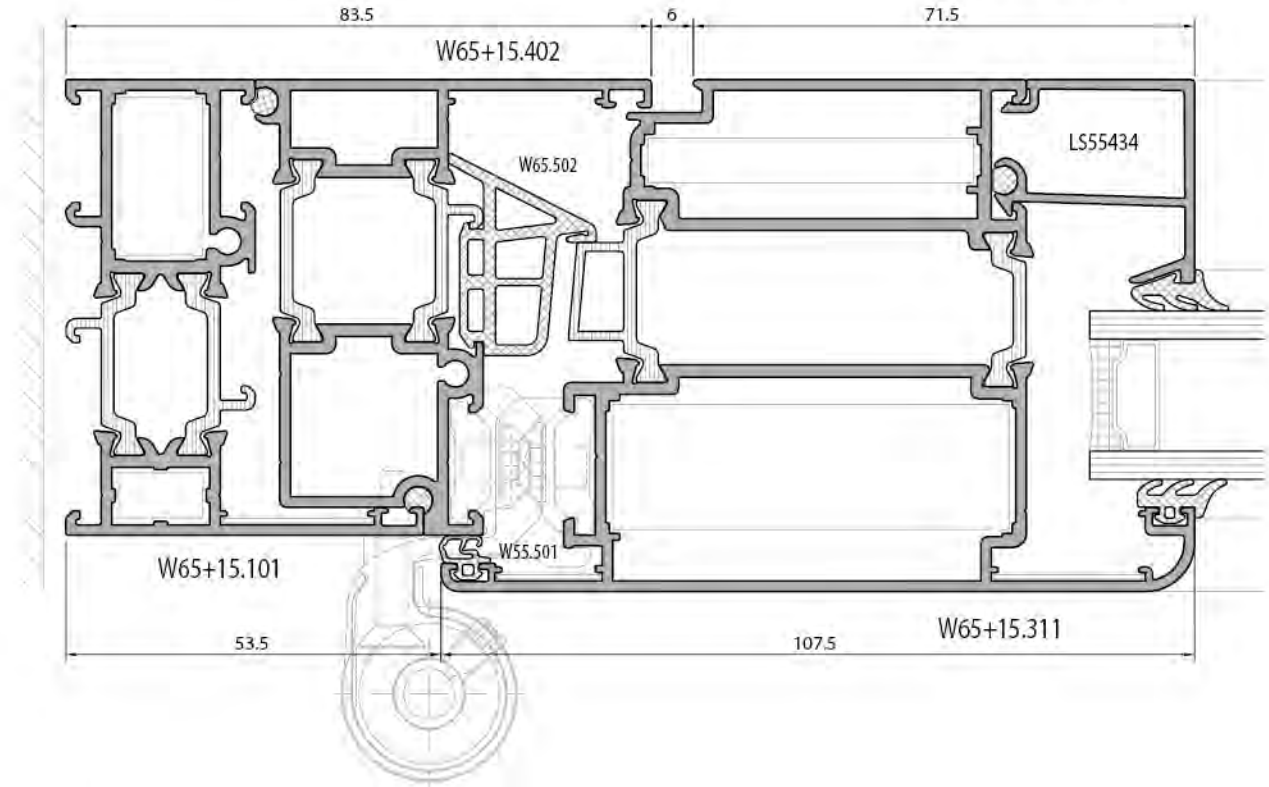




dışa açılır kapı
outward opening door

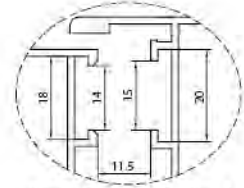


euro groove section 1

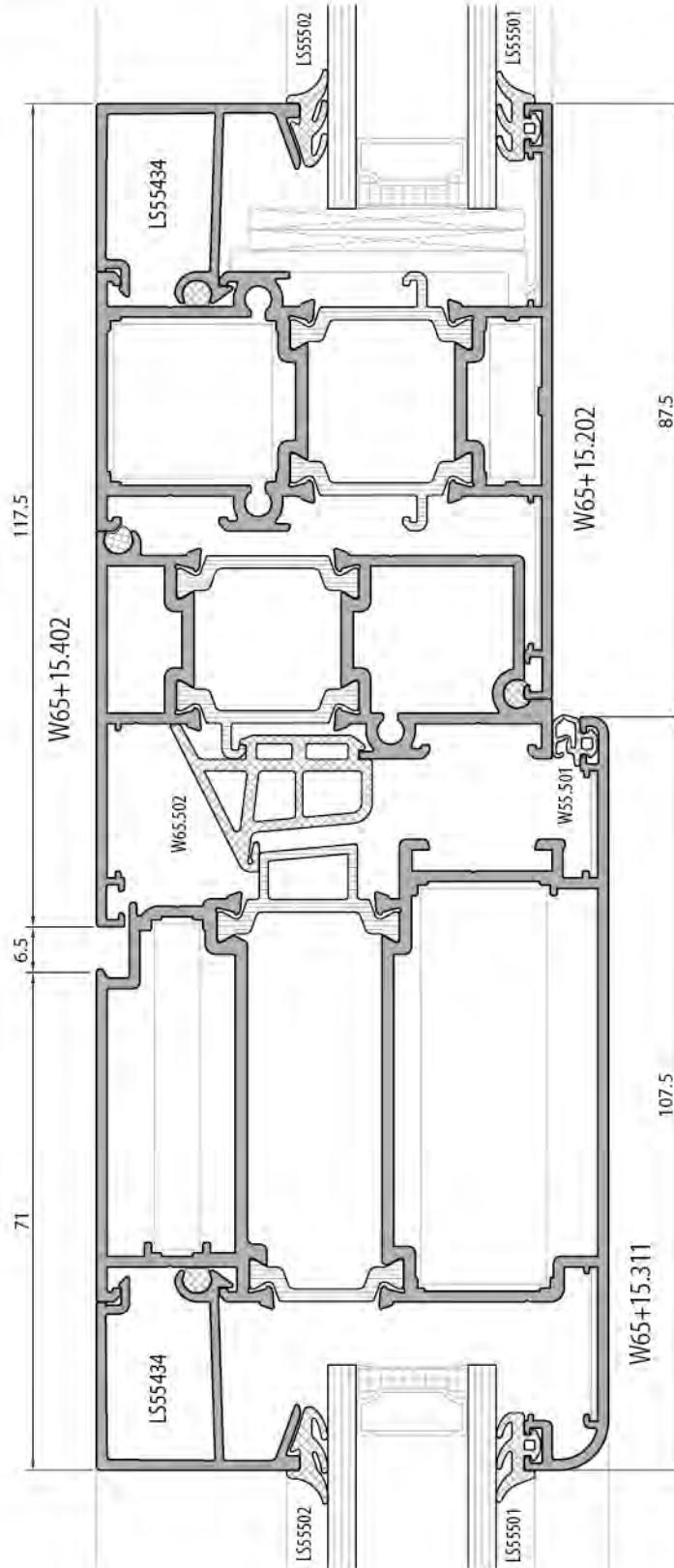




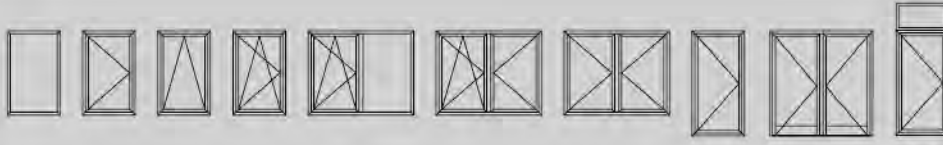
dışa açılır kapı
outward opening door



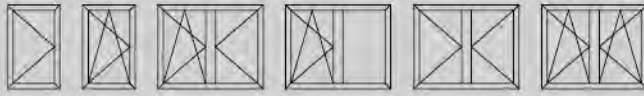
euro groove section 1



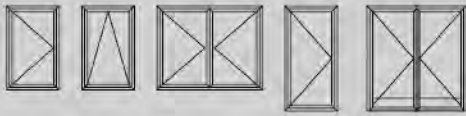
W65+ YALITIMLI PENCERE VE KAPI SİSTEM
INSULATED WINDOW AND DOOR SYSTEM



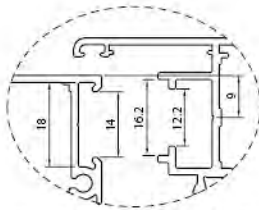
ie aılır pencere
inward opening window



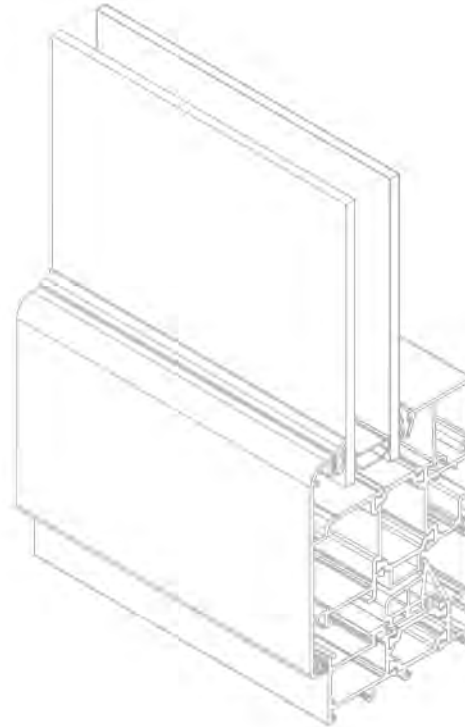
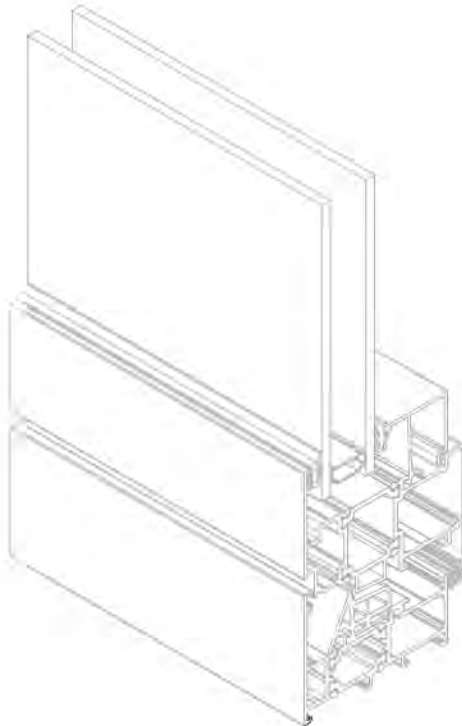
ie aılır gizli kanat pencere
inward opening hidden sash window

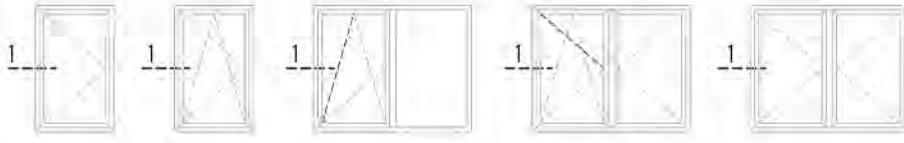


dışa aılır pencere
outward opening window

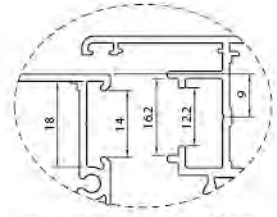


pvc groove section 9 mm

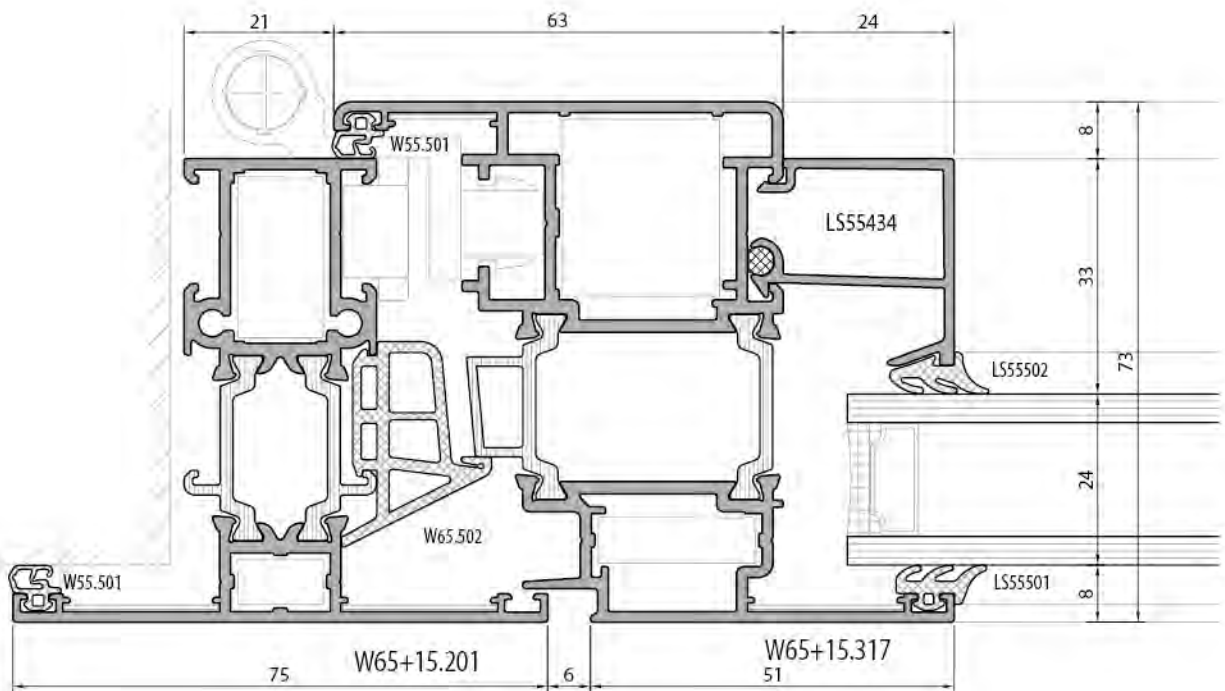
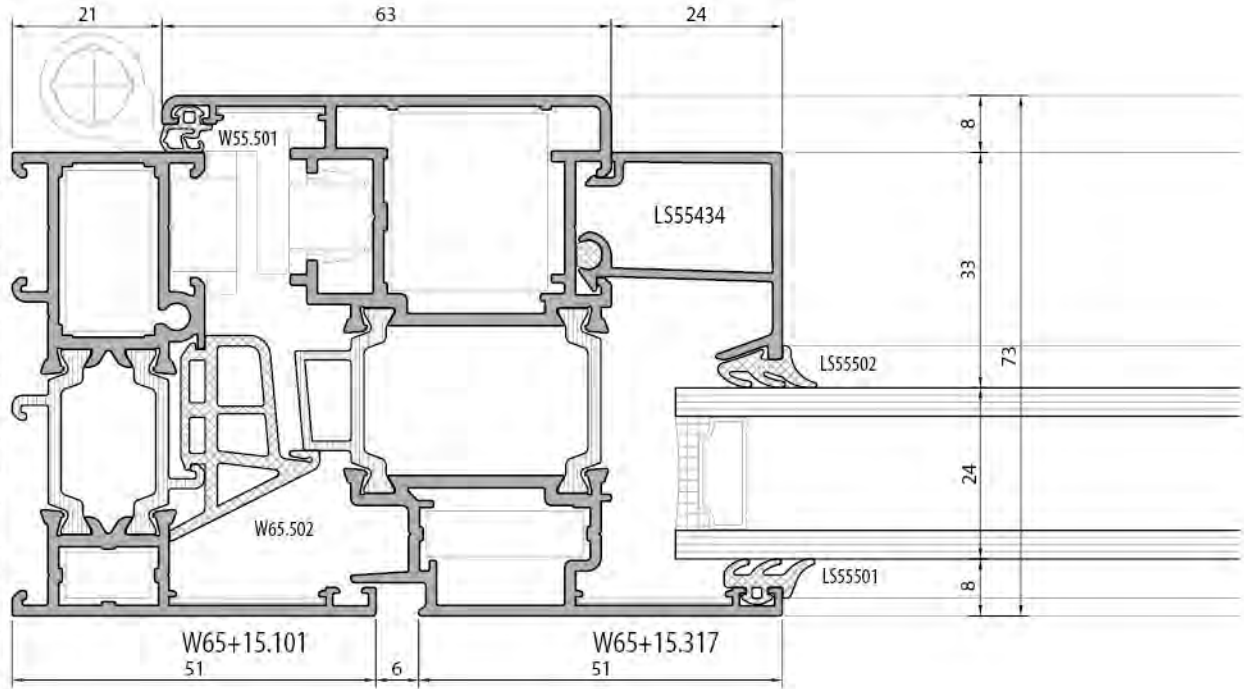


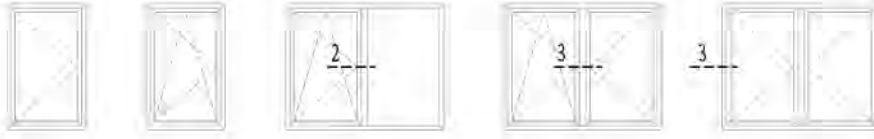


içe açılır pencere
inward opening window

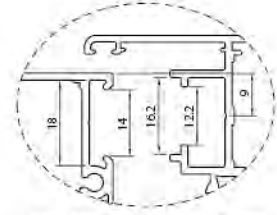


pvc groove section 9 mm

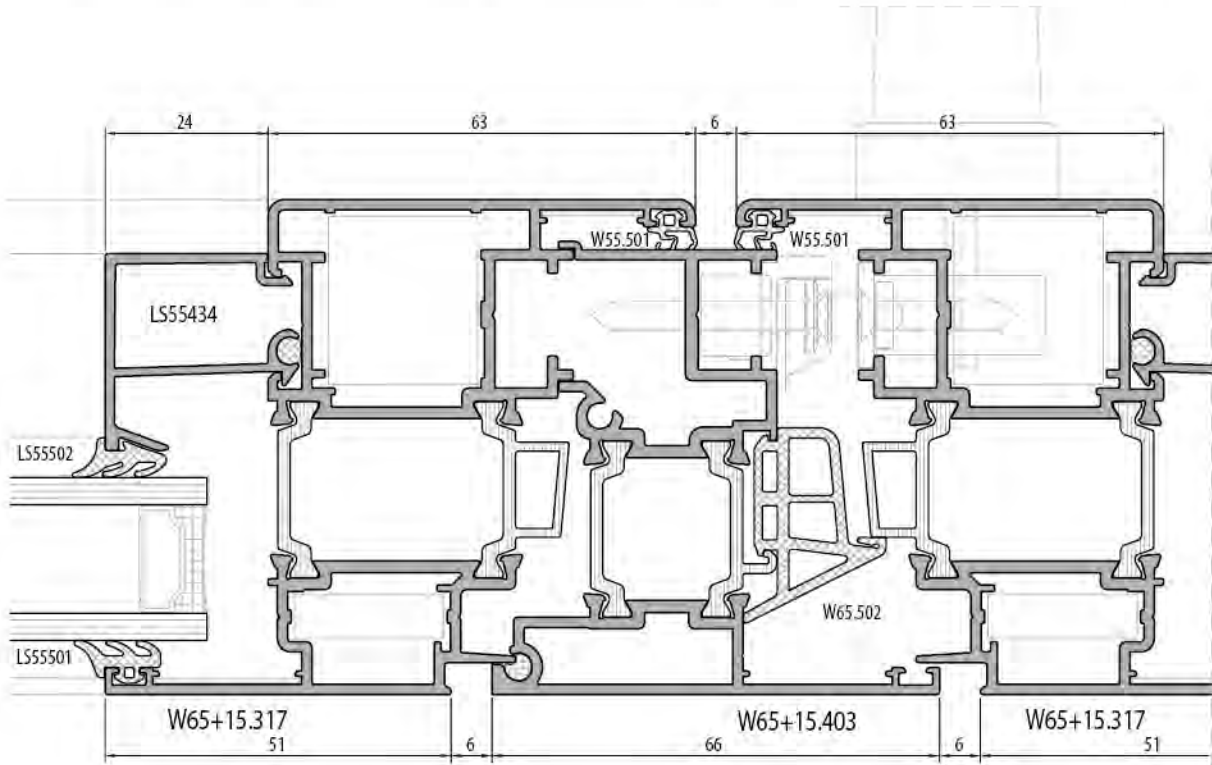
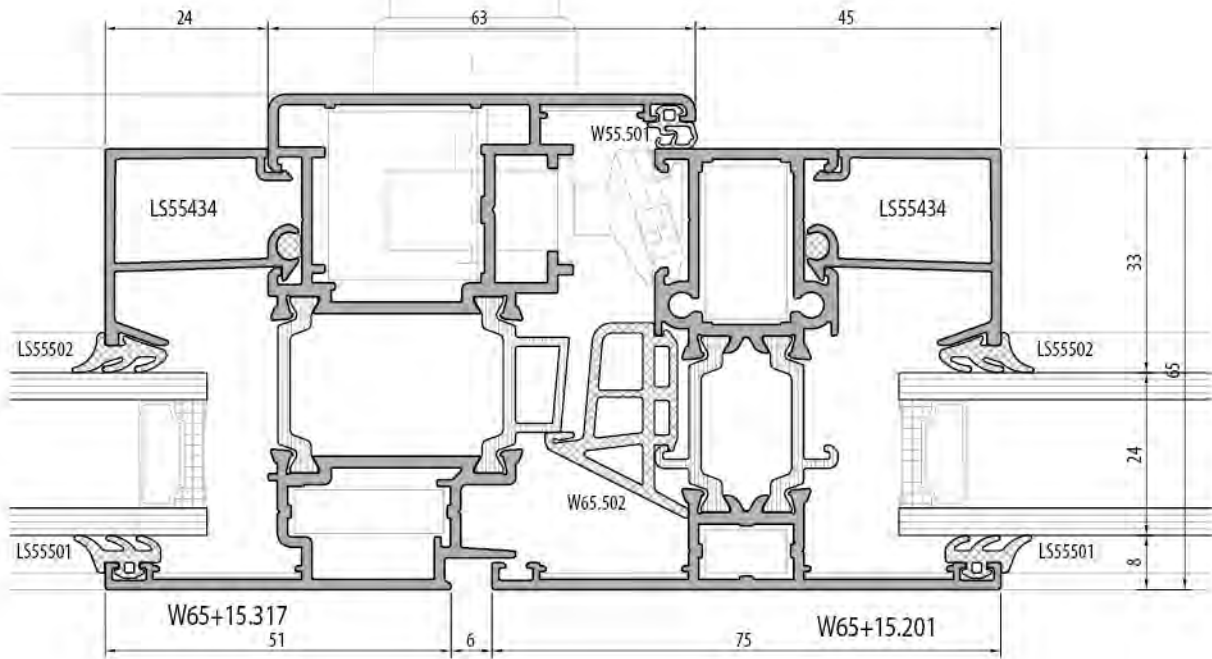


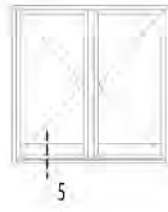
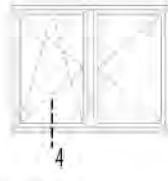
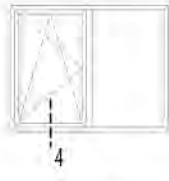


içe açılır pencere
inward opening window

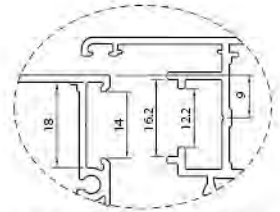


pvc groove section 9 mm

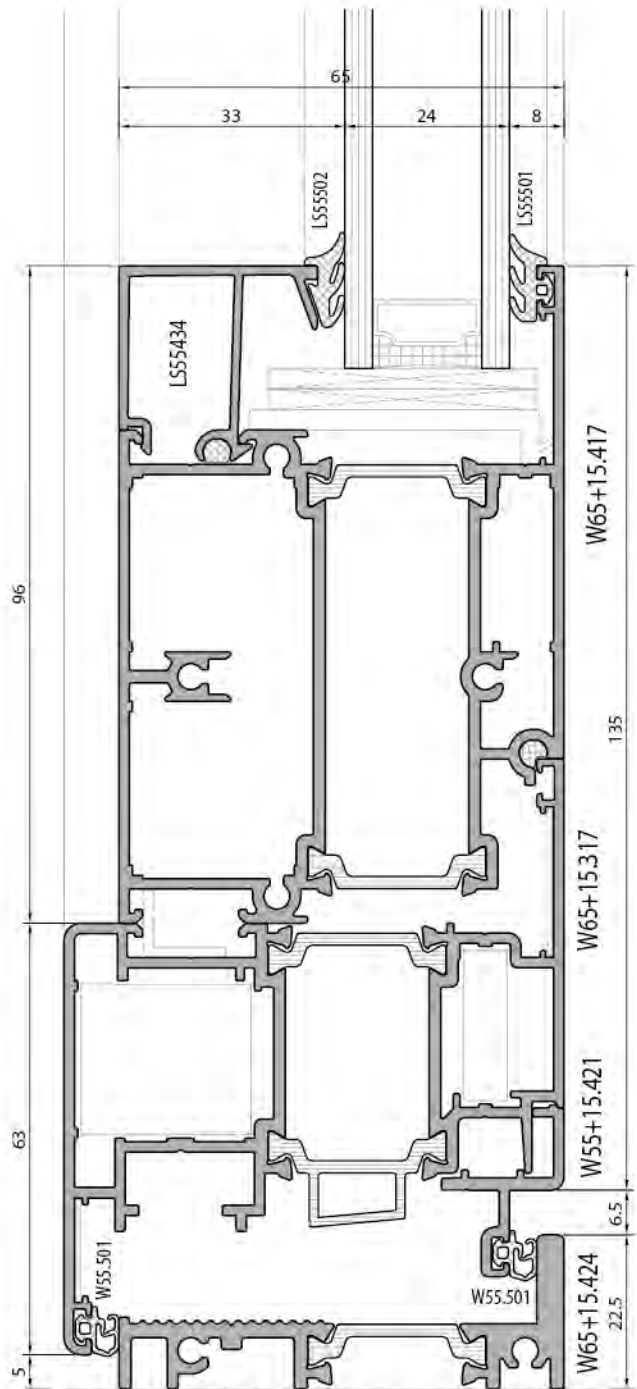
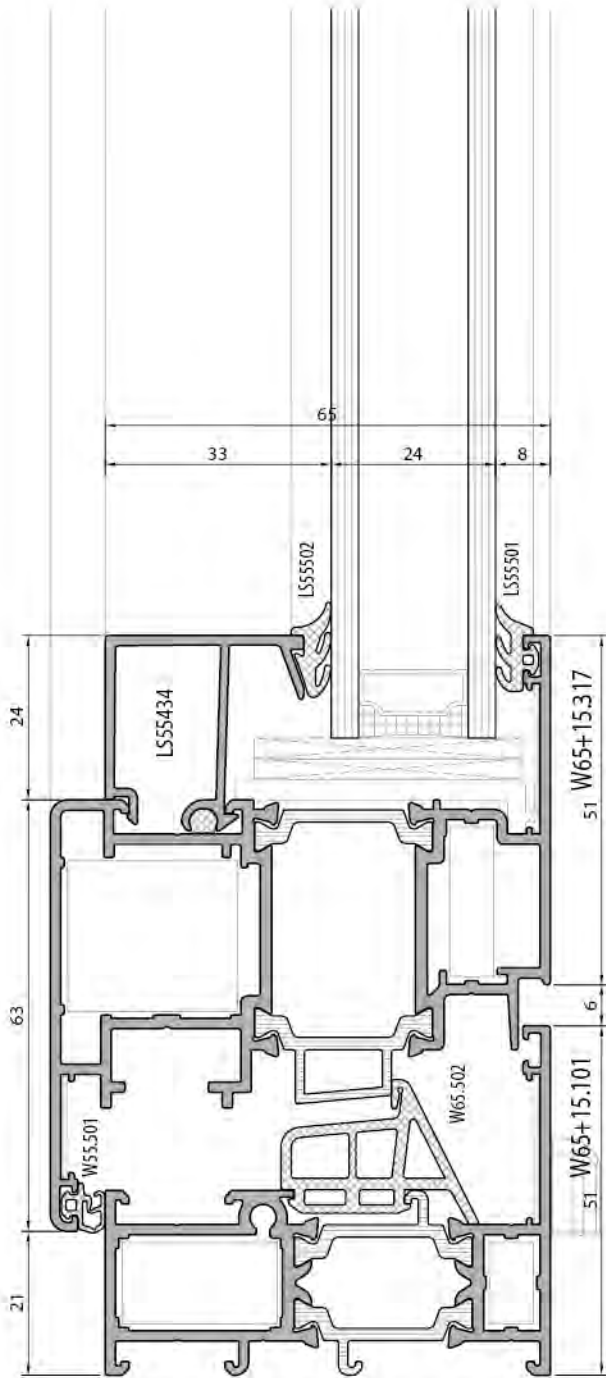


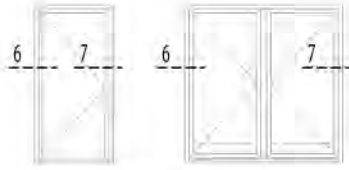


içe açılır pencere
inward opening window

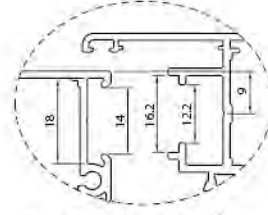


pvc groove section 9 mm

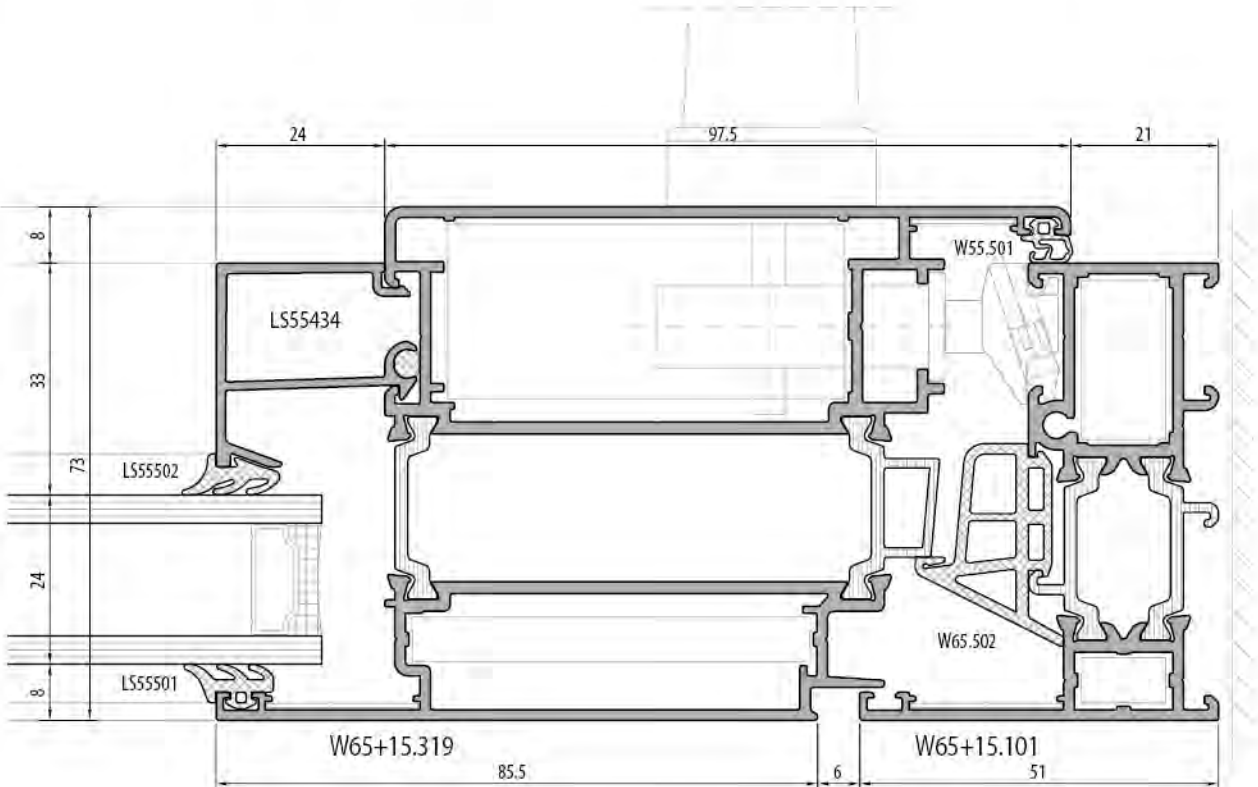
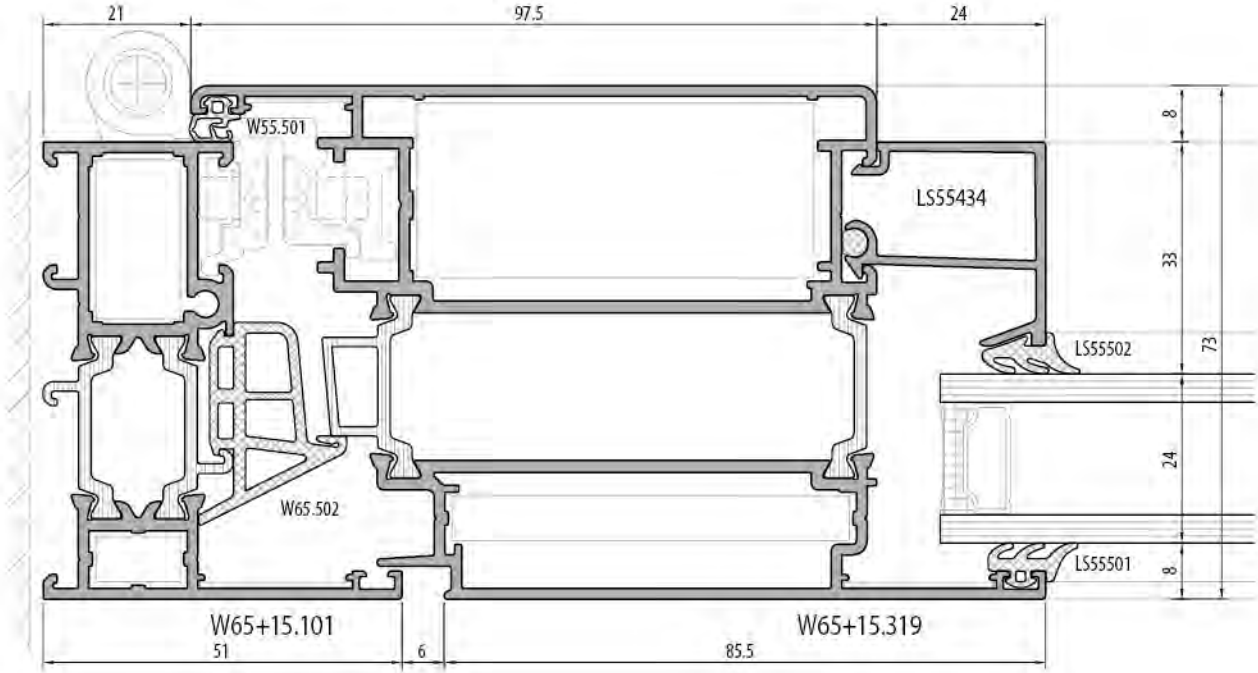


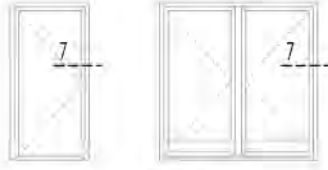


içe açılır kapı
inward opening door

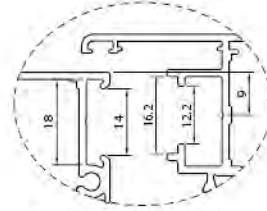


pvc groove section 9 mm

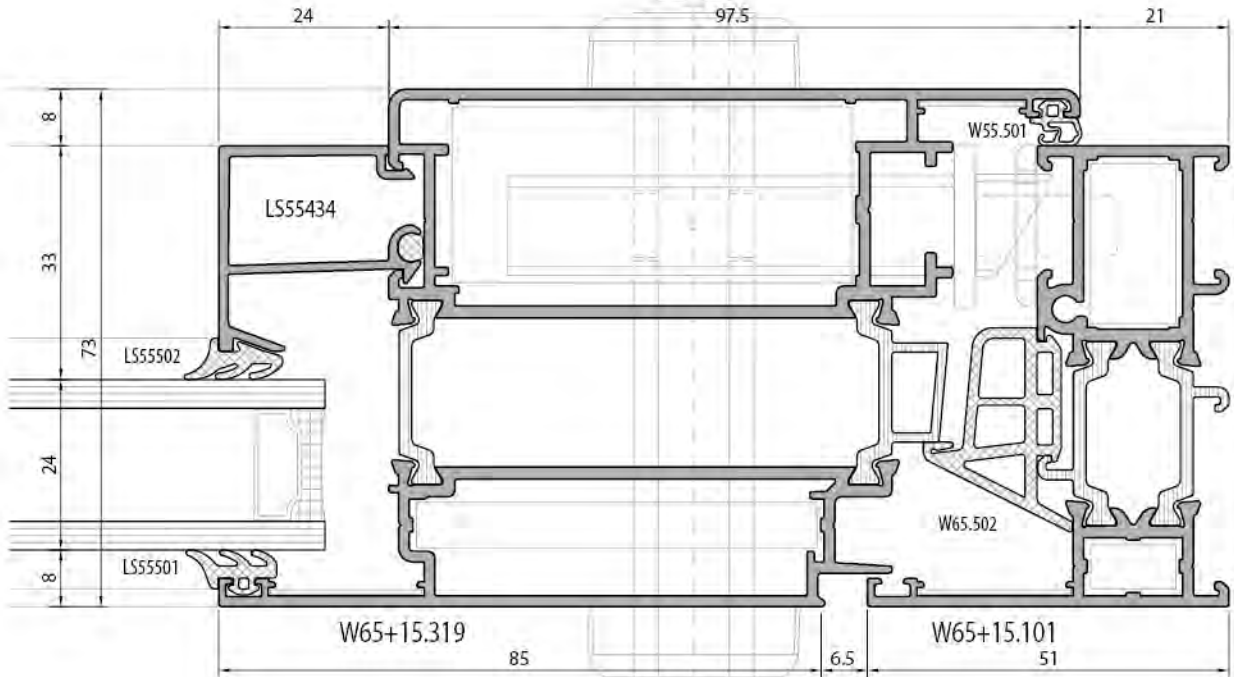


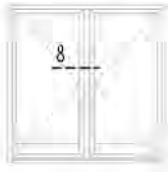


içe açılır kapı
inward opening door

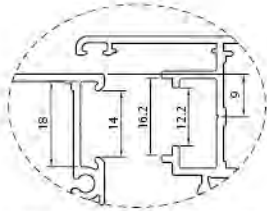


pvc groove section 9 mm

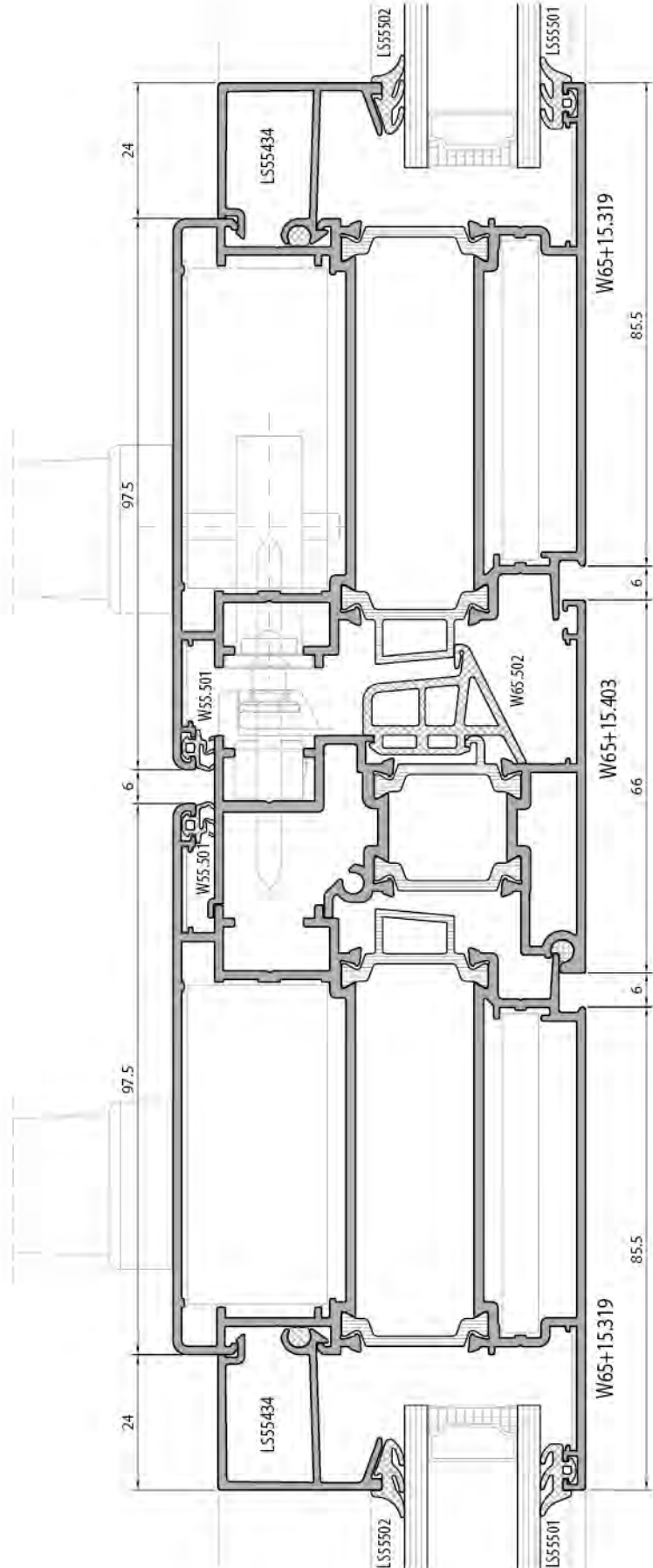


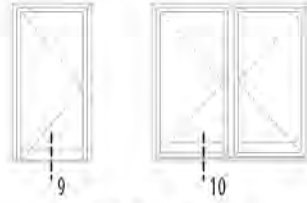


içe açılır kapı
inward opening door

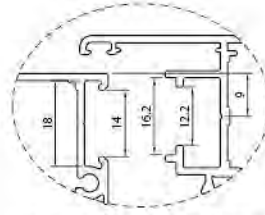


pvc groove section 9 mm

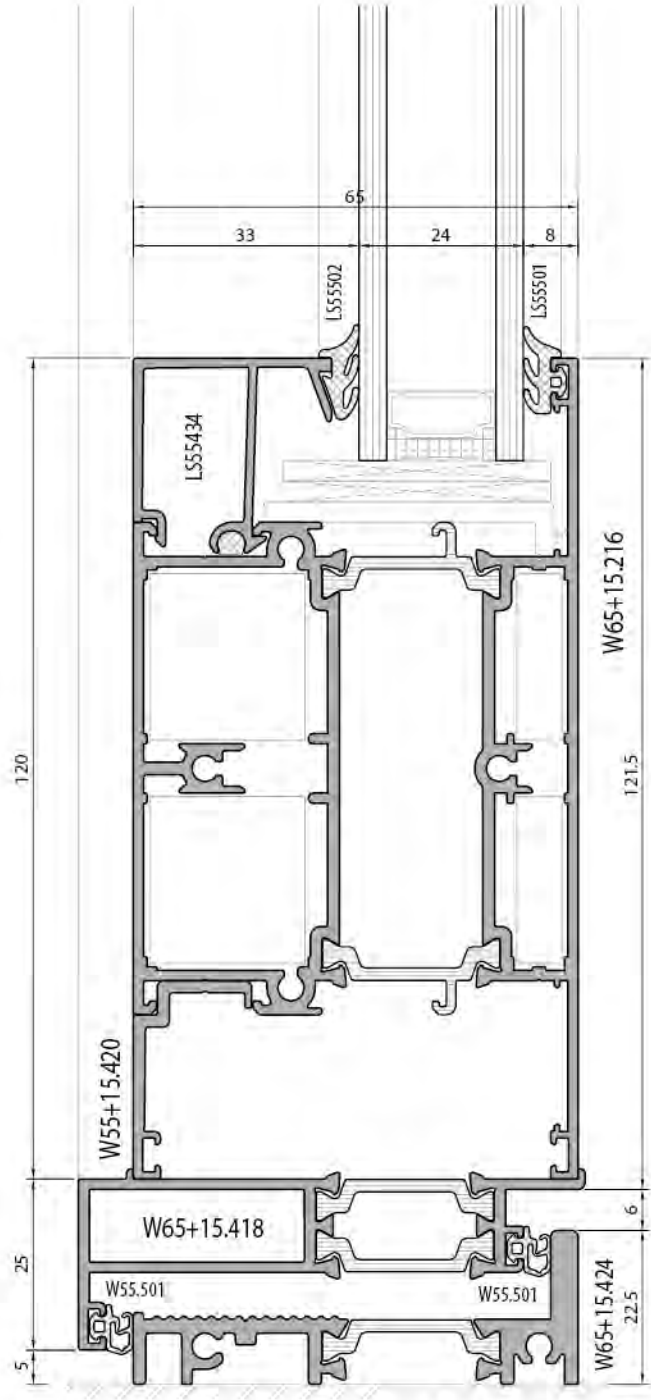
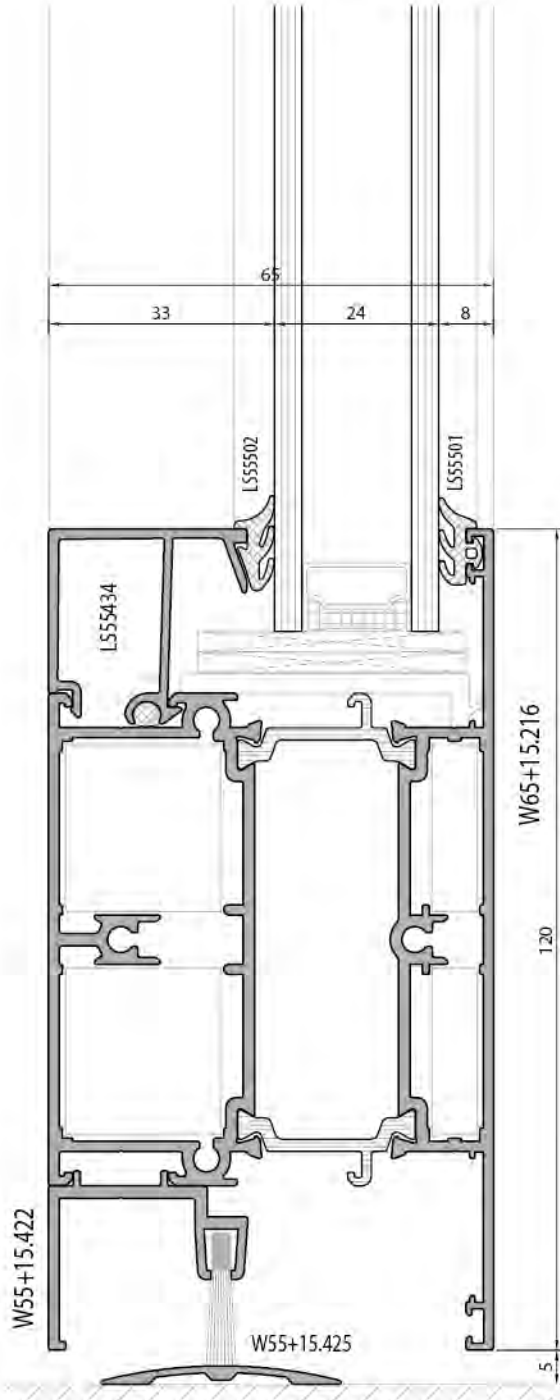


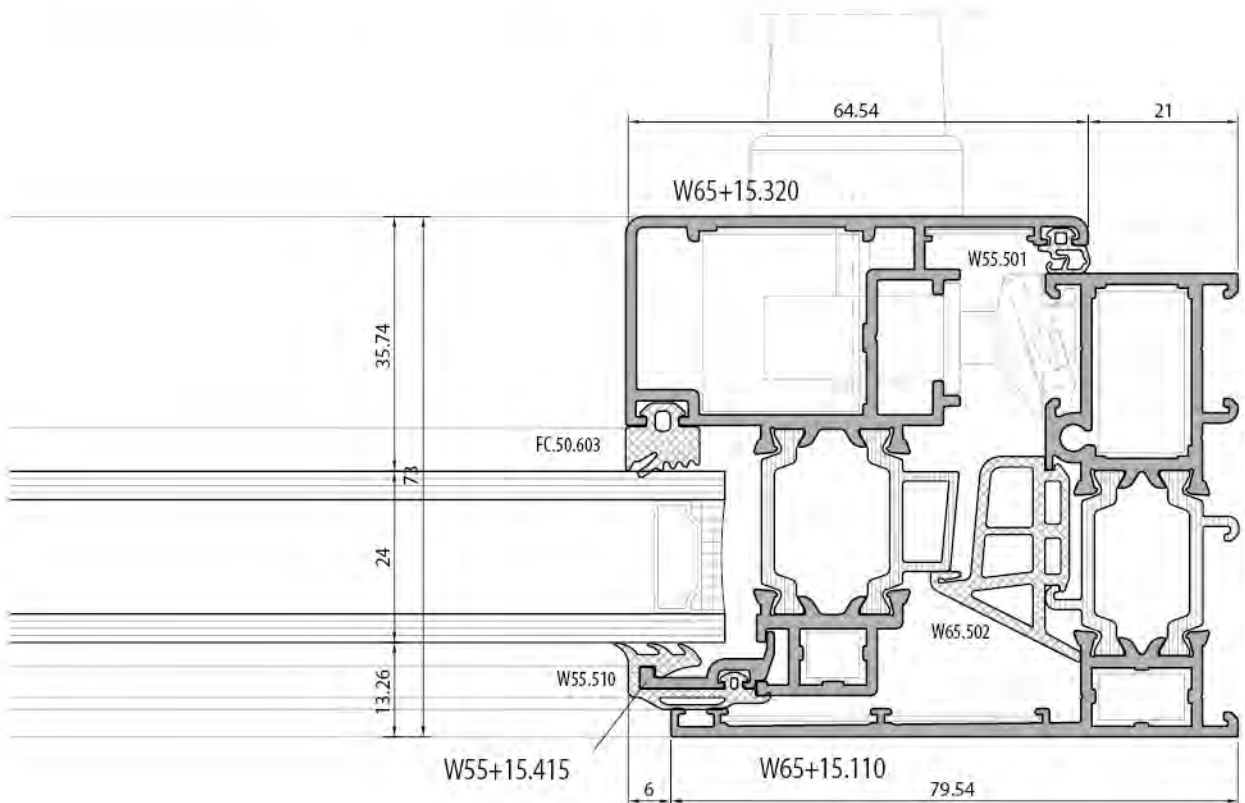
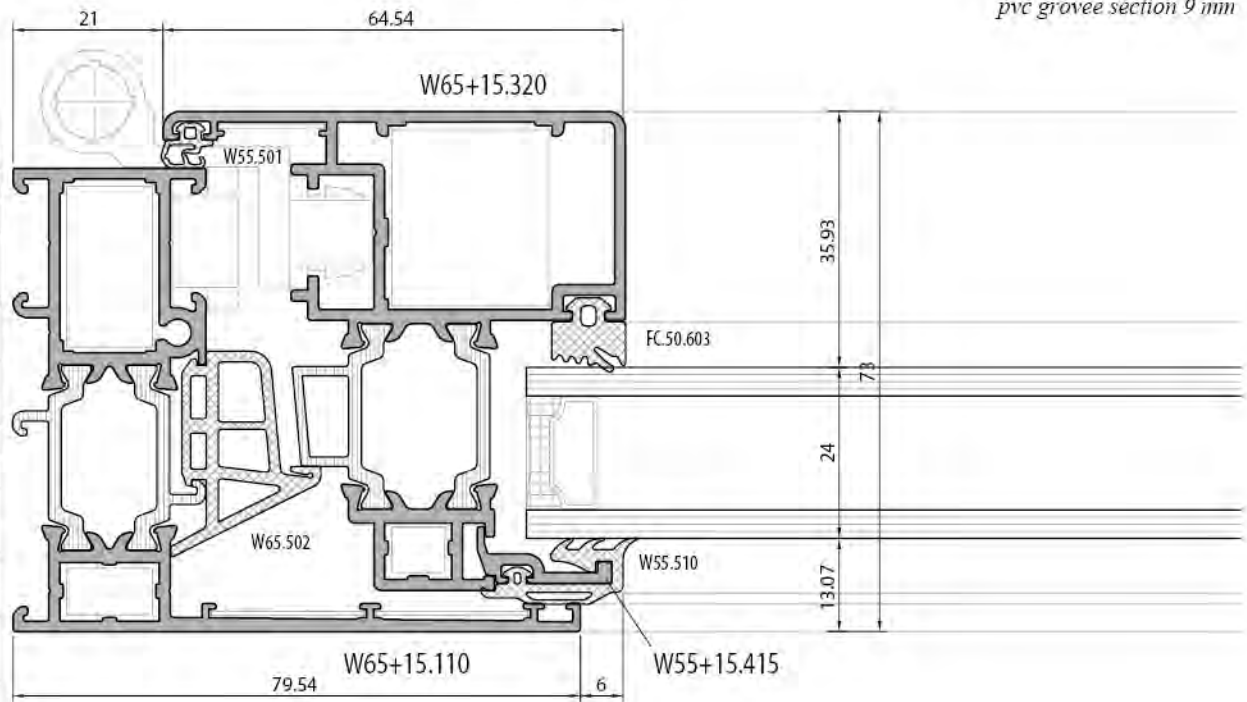
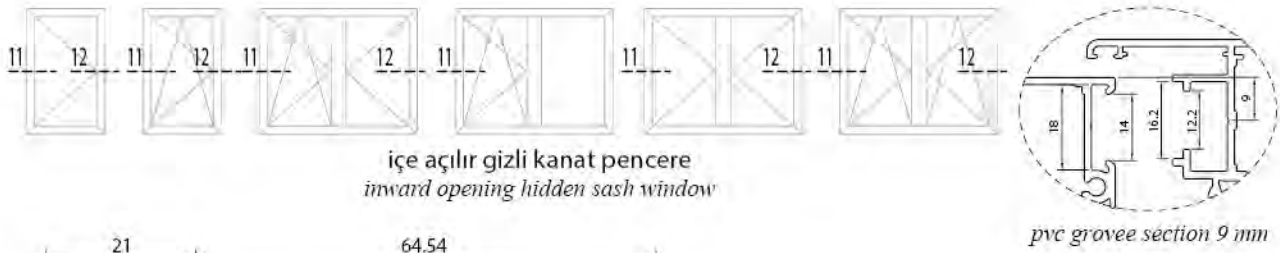


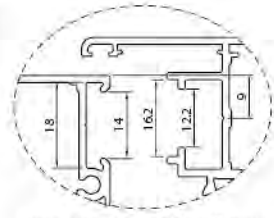
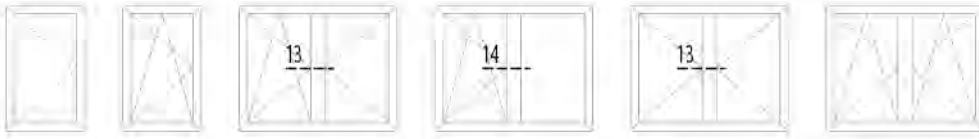
içe açılır kapı
inward opening door



pvc groove section 9 mm

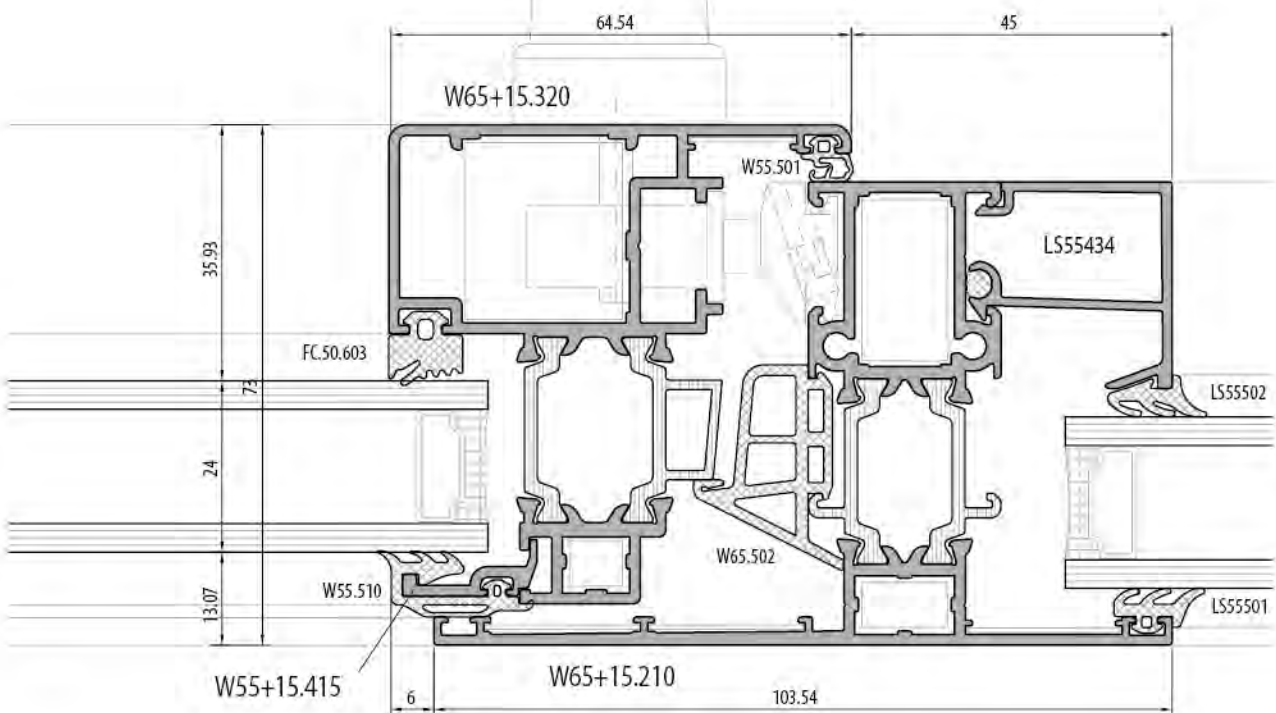
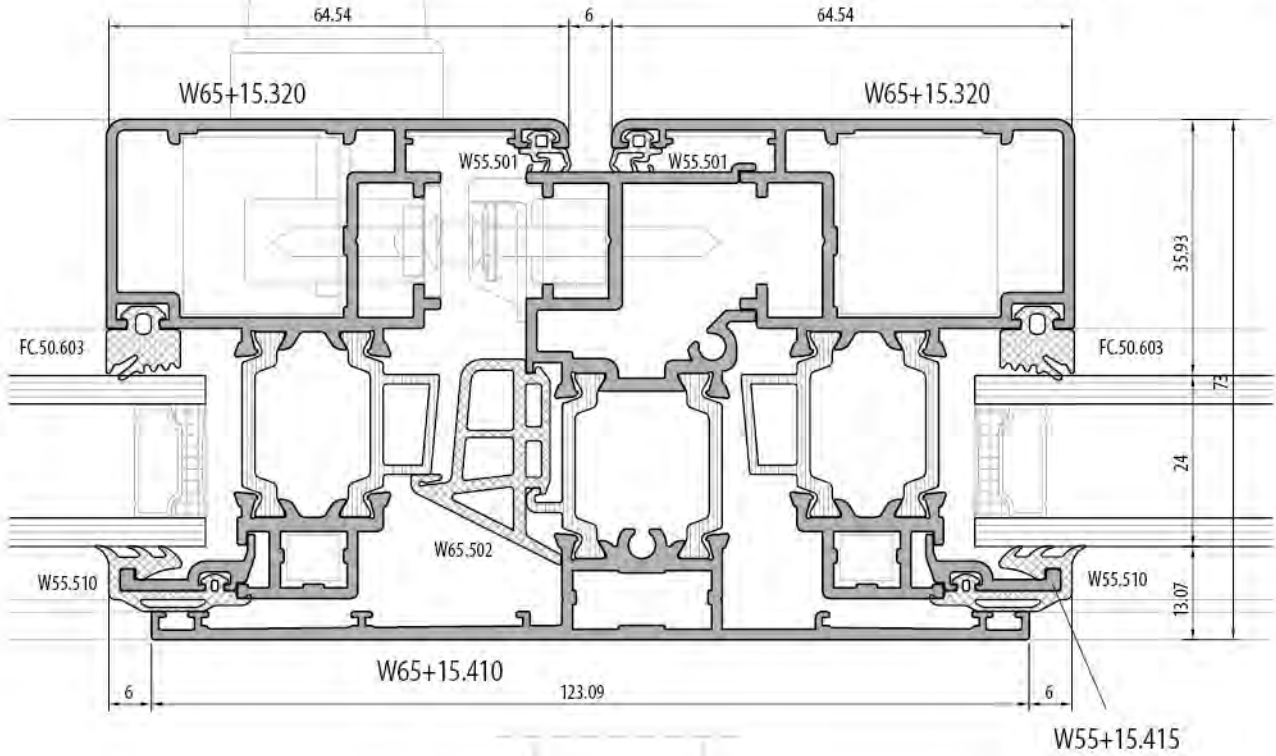


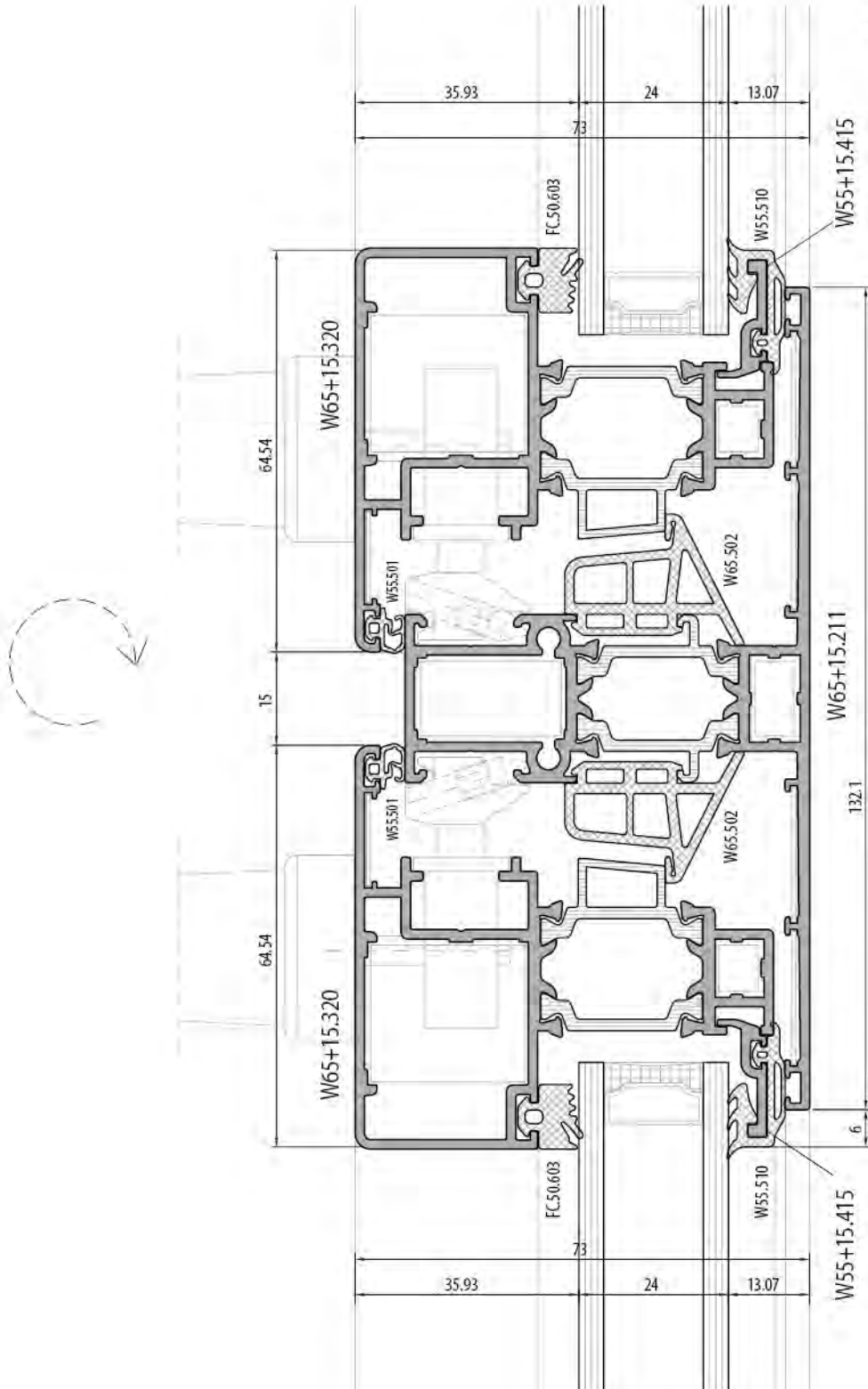
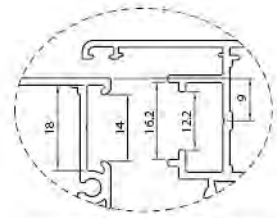


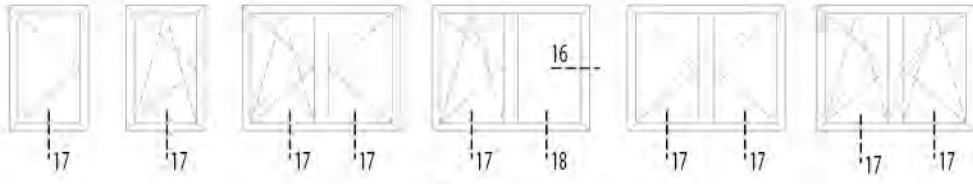


içe açılır gizli kanat pencere
inward opening hidden sash window

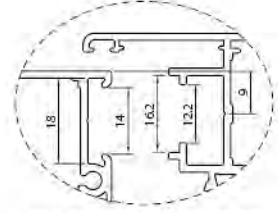
pvc groove section 9 mm



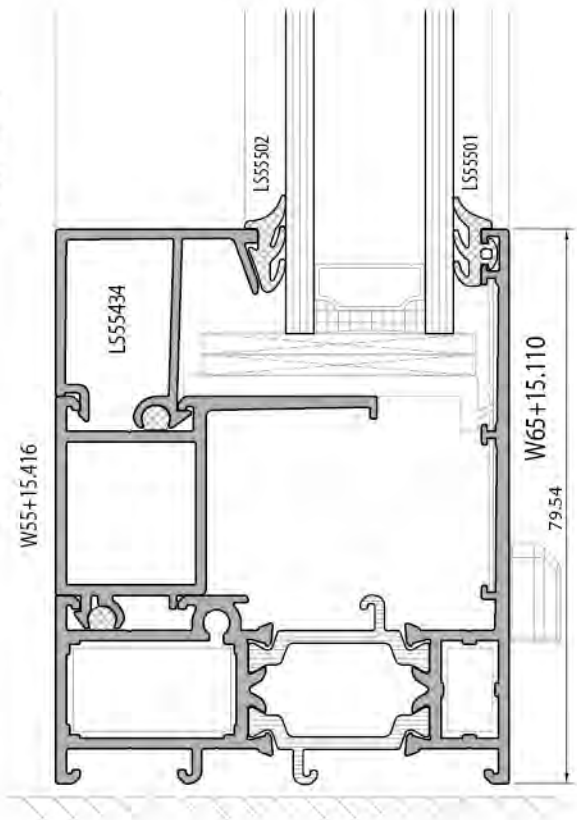
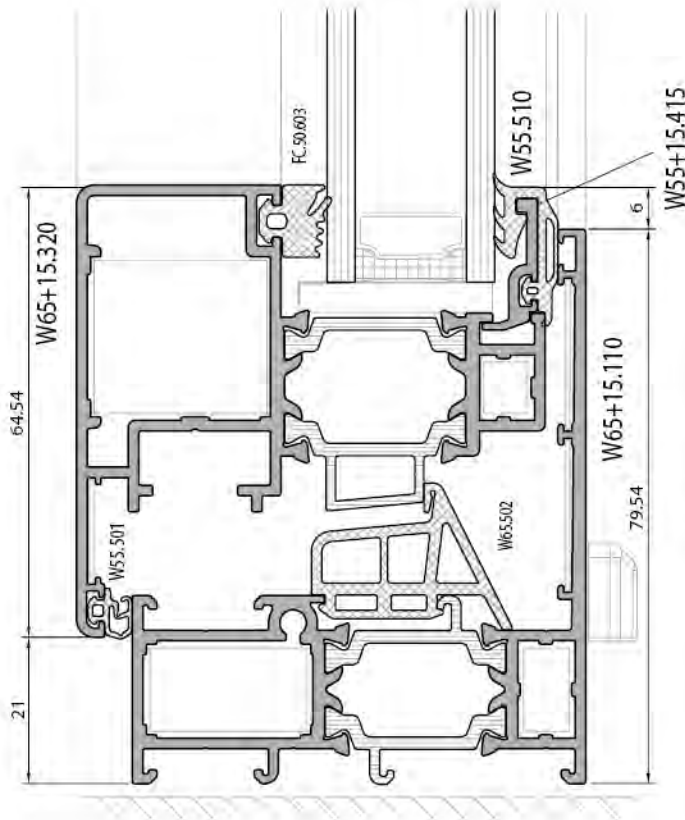
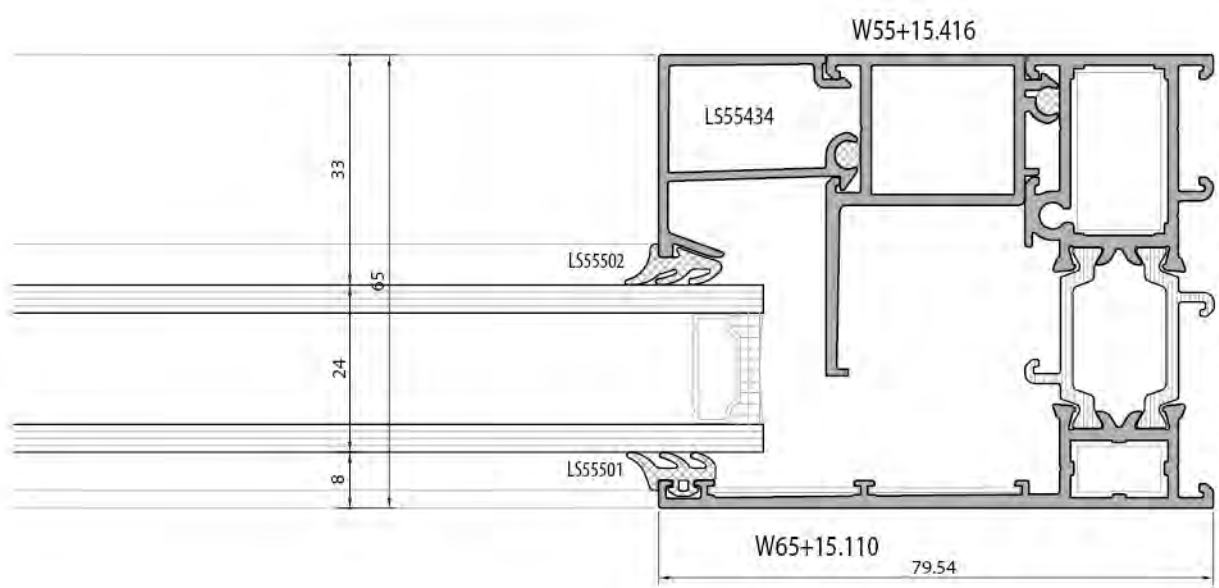


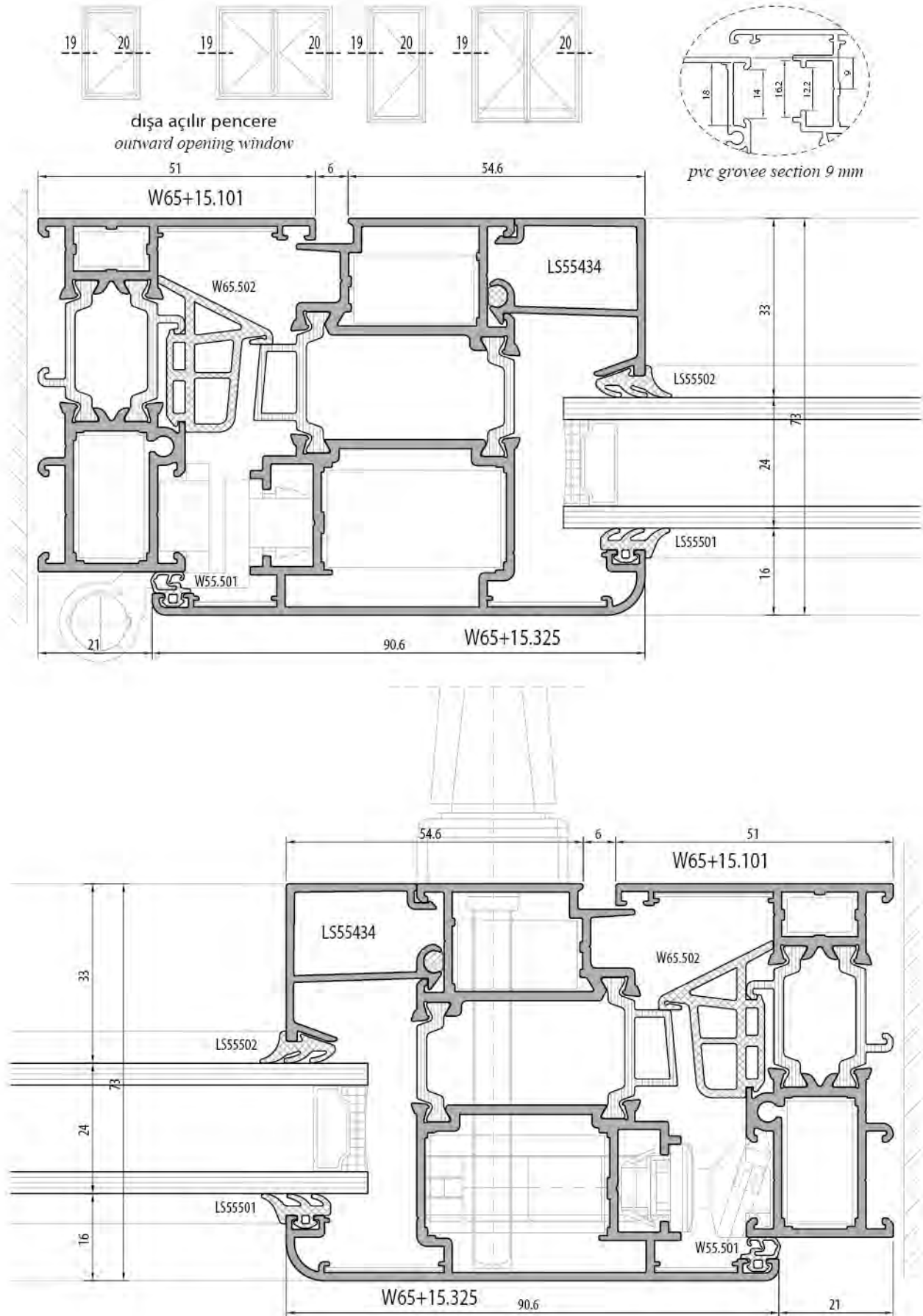


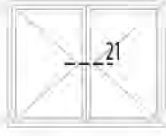
içe açılır gizli kanat pencere
inward opening hidden sash window



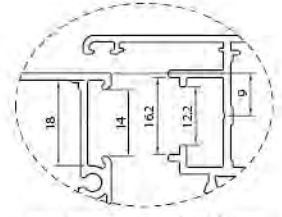
pvc groove section 9 mm



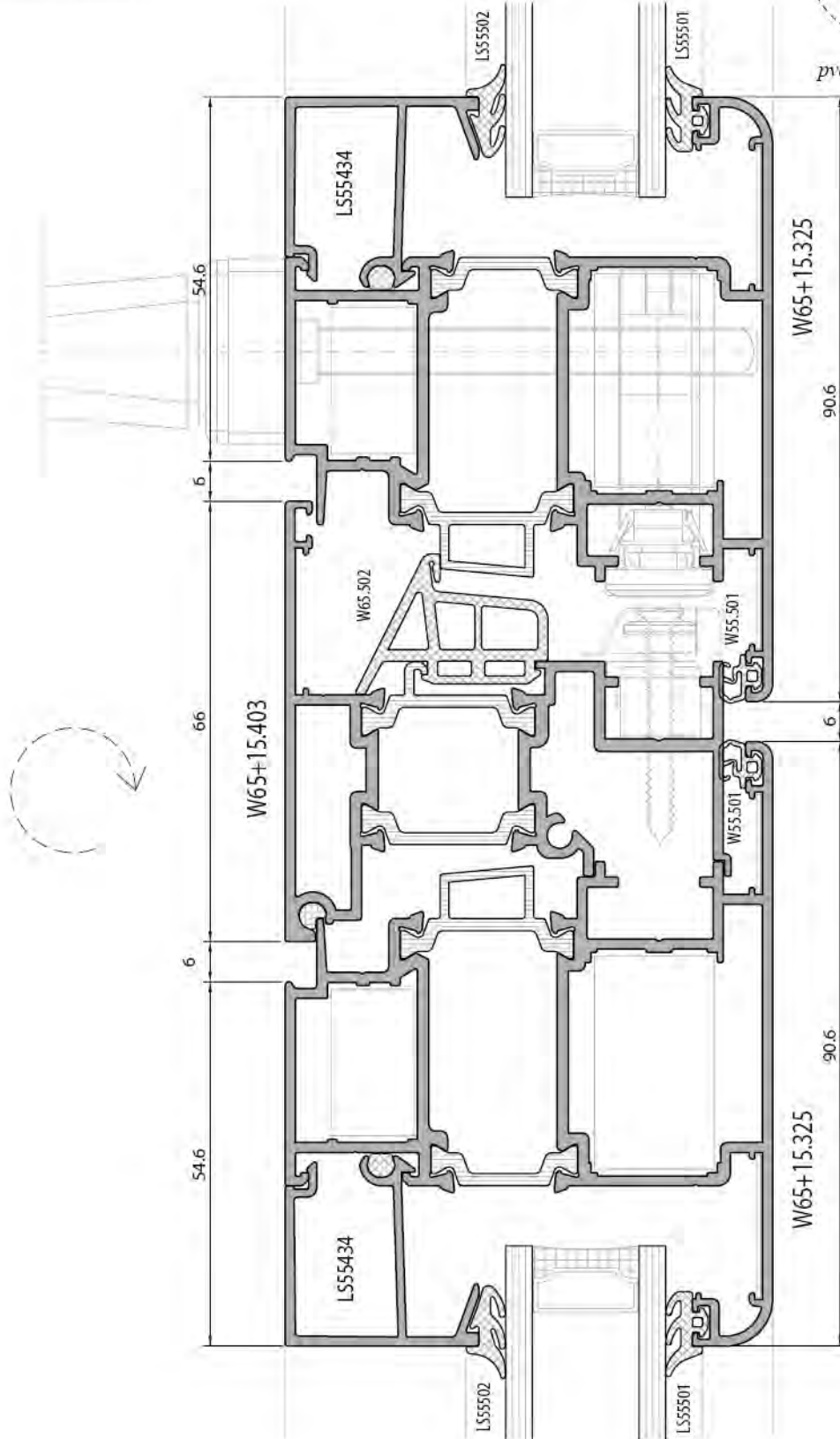


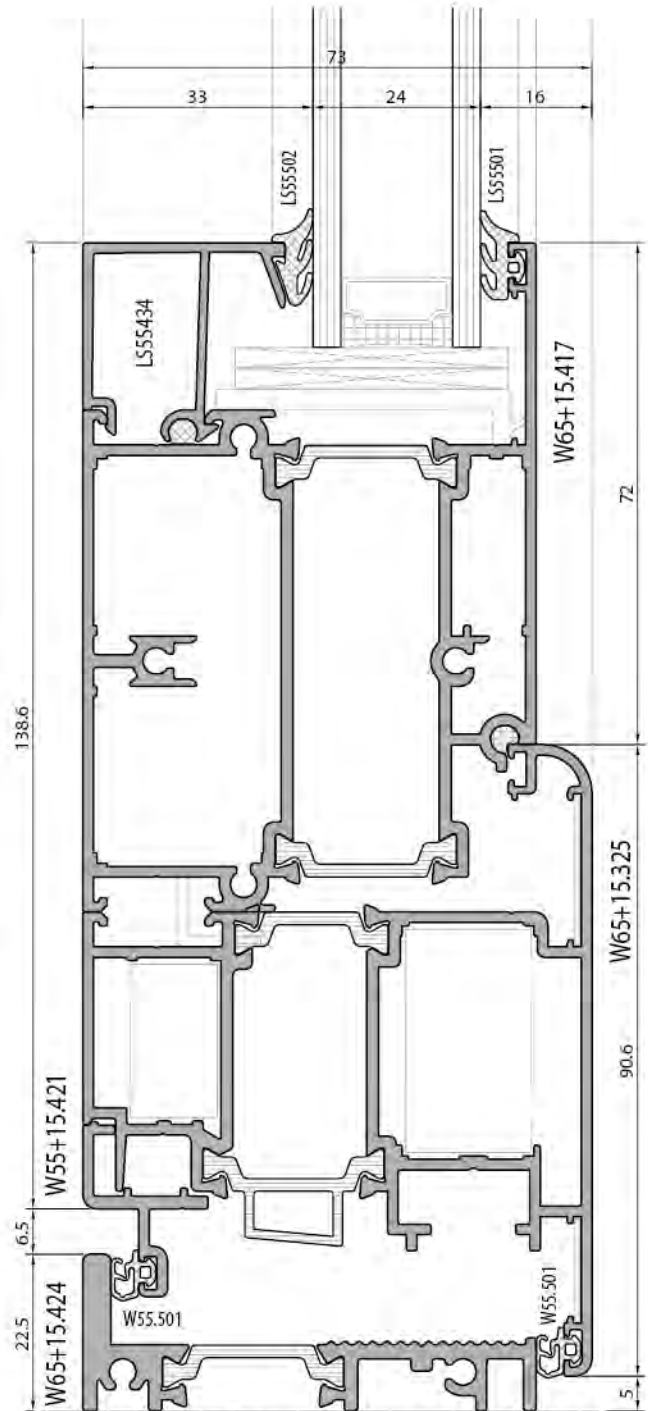
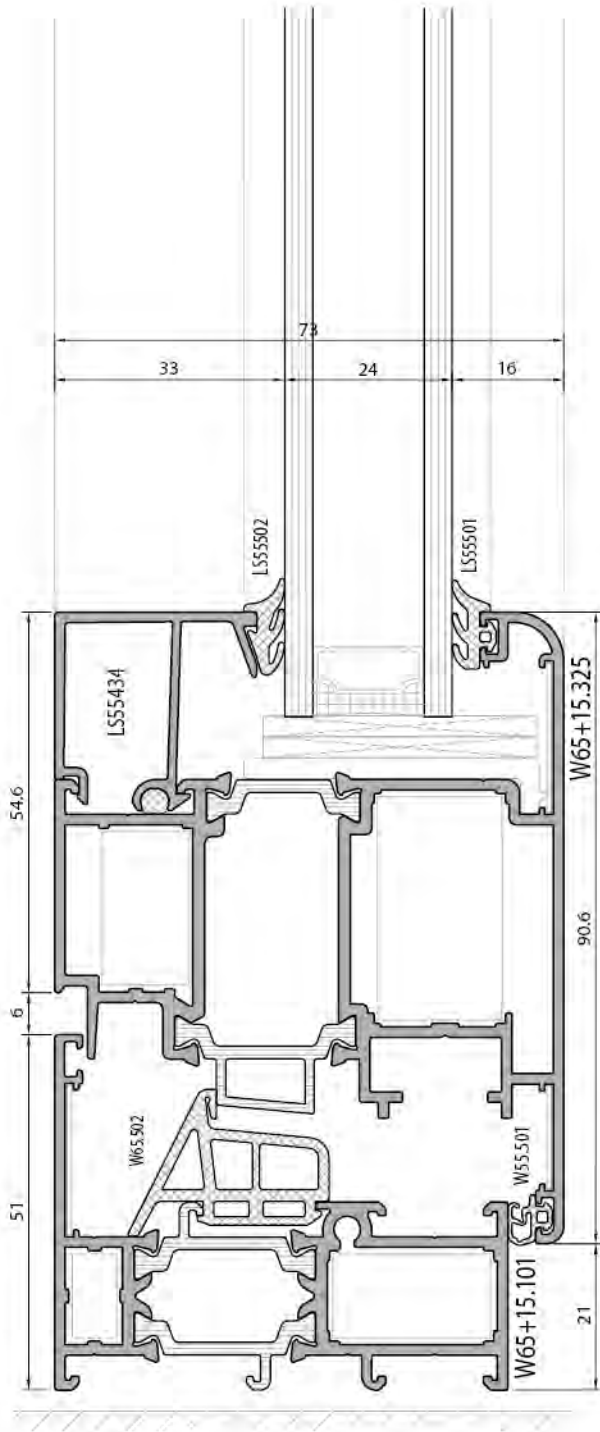
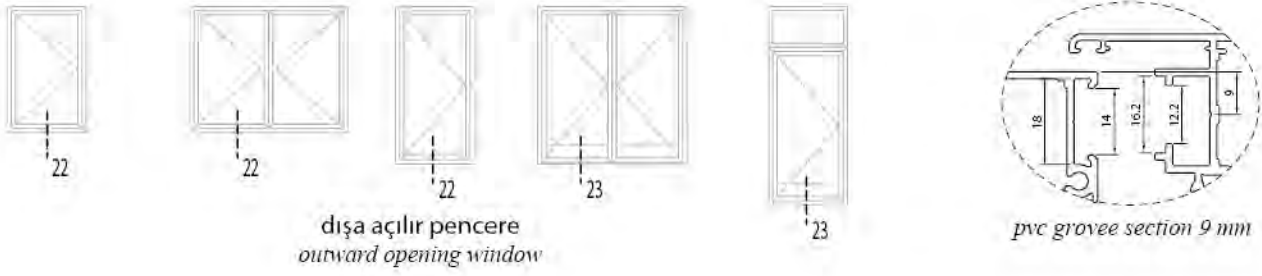


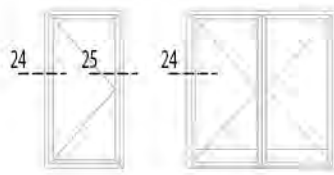
dışa açılır pencere
outward opening window



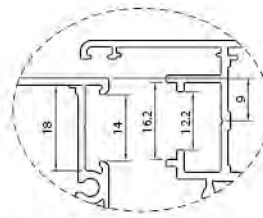
pvc groove section 9 mm



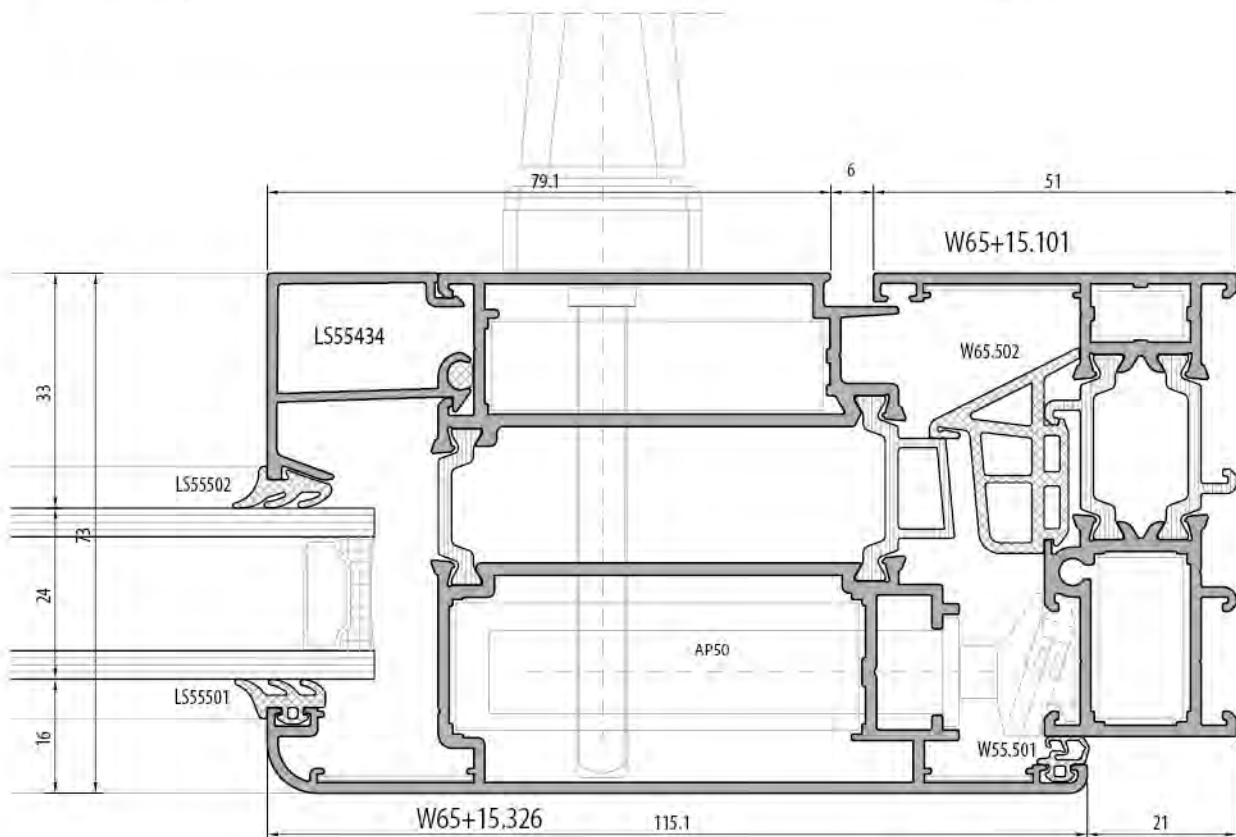
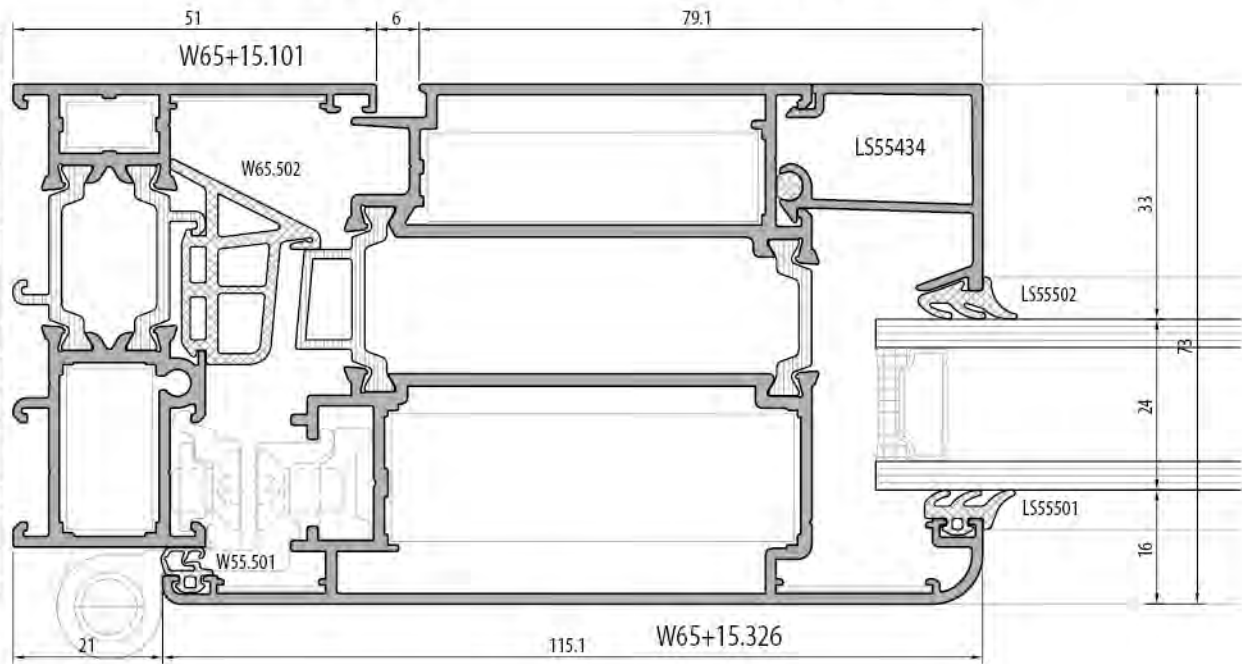


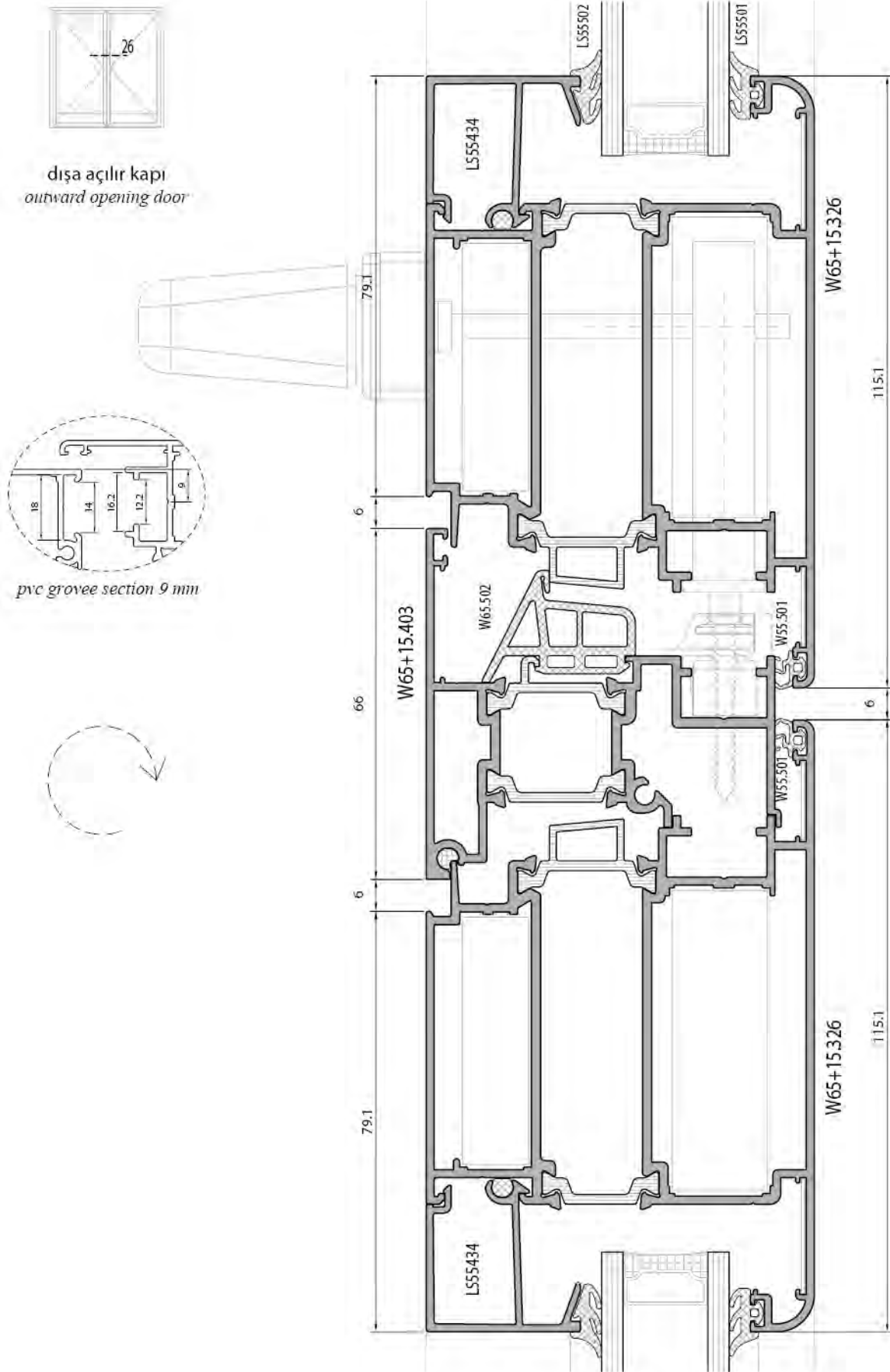


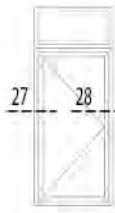
dışa açılır kapı
outward opening door



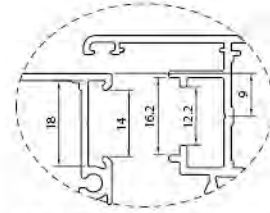
pvc grovee section 9 mm



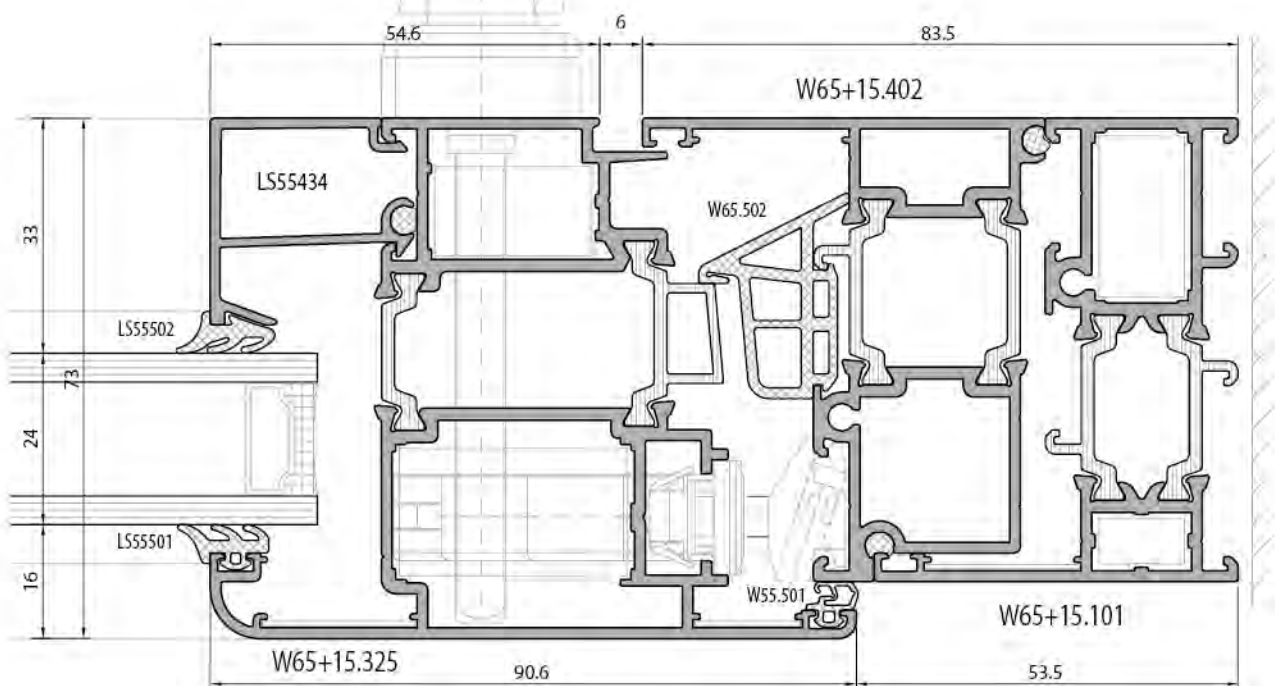
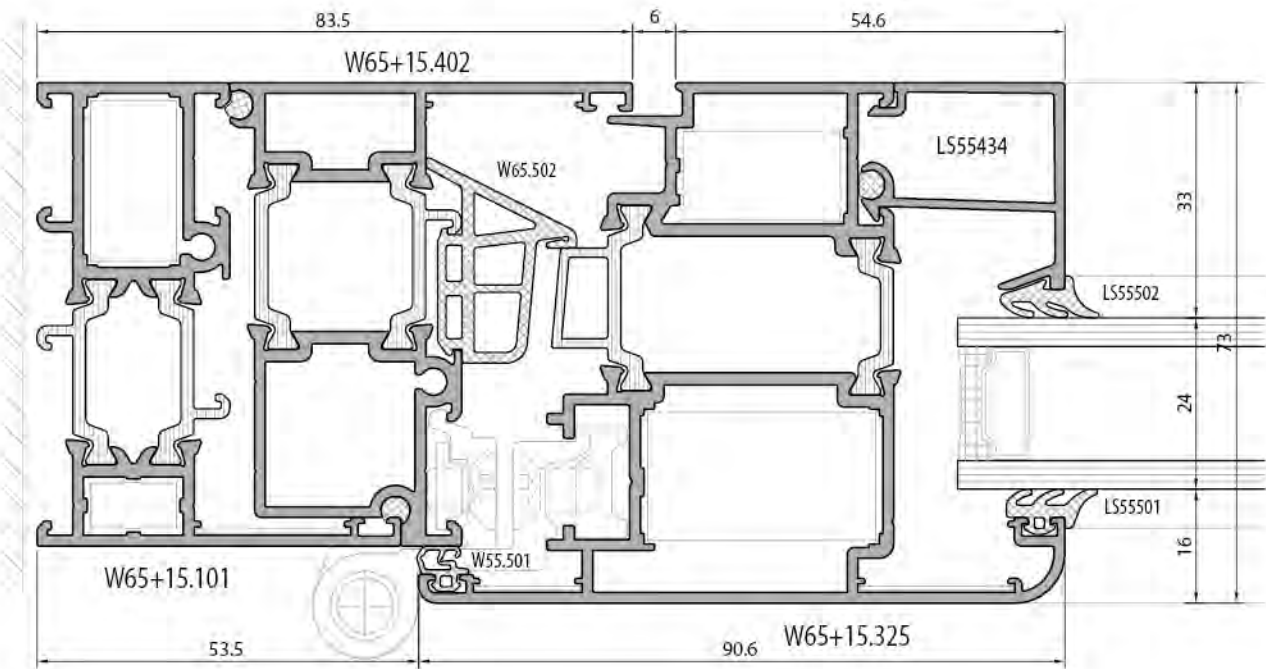




diş a açılır kapı
outward opening door

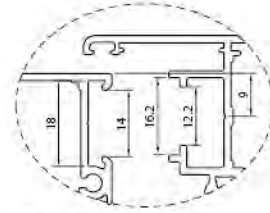


pvc grovee section 9 mm

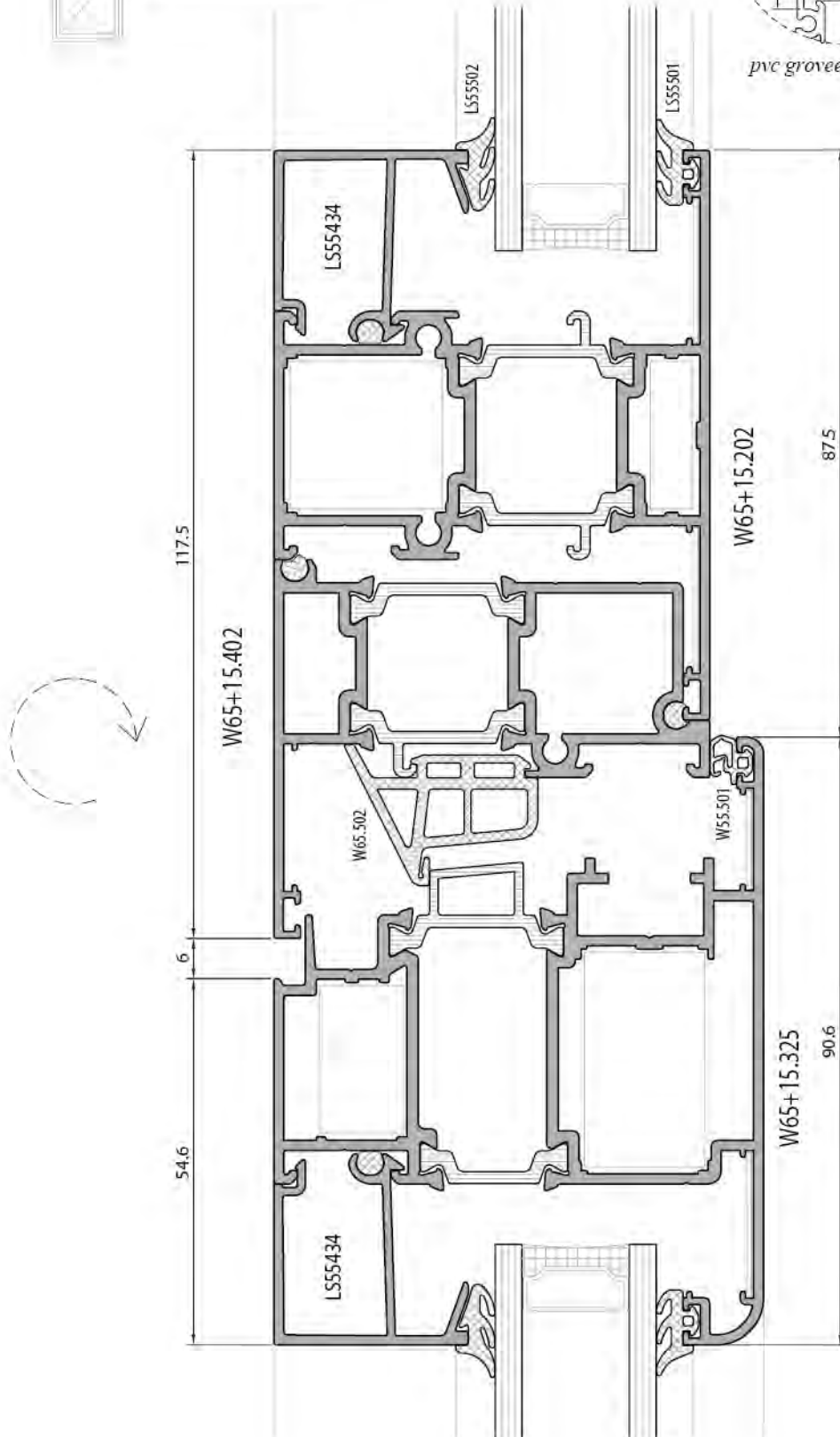


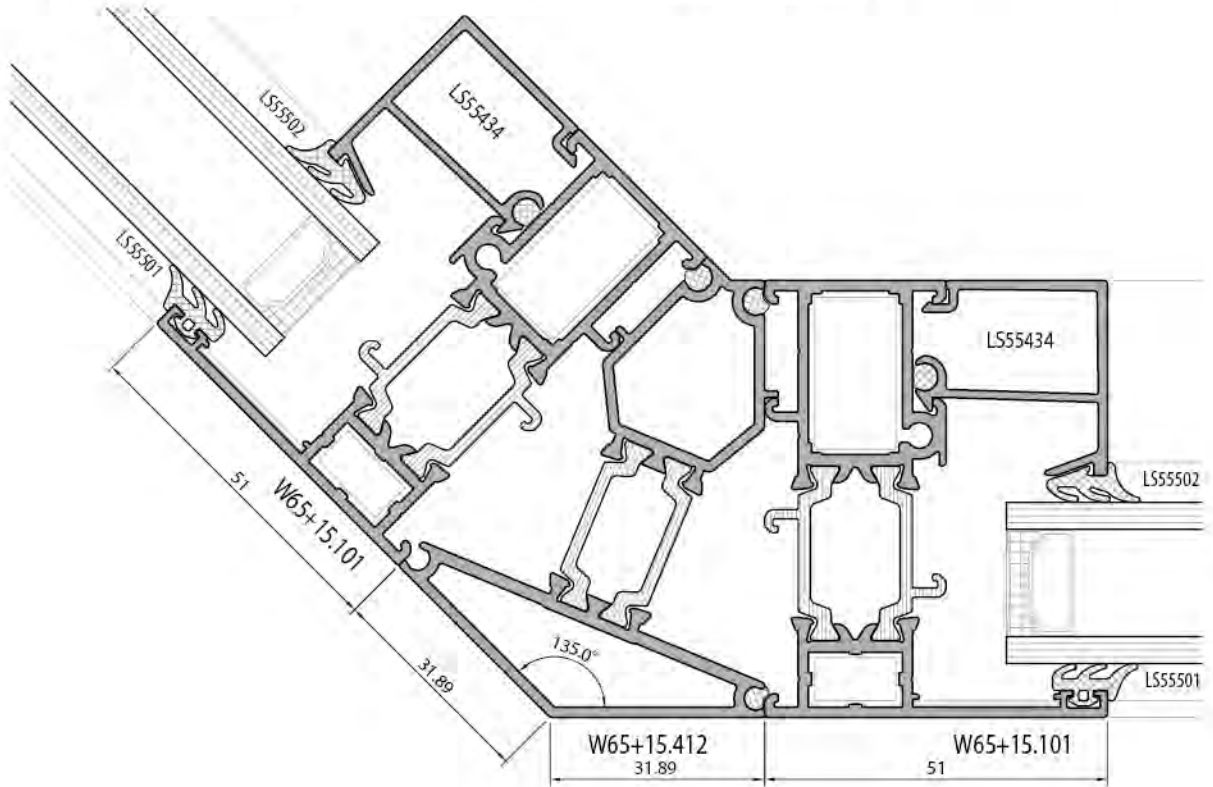
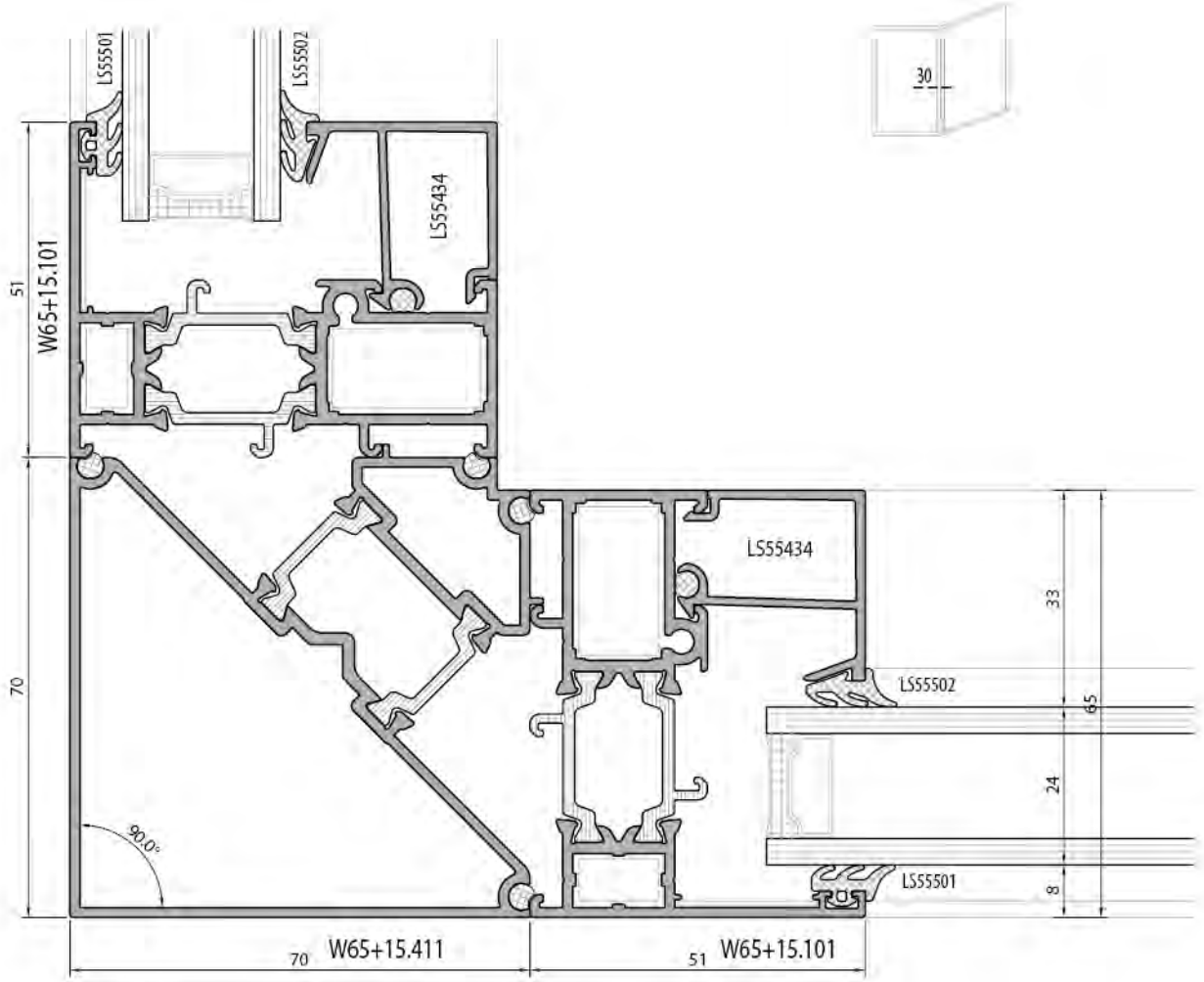


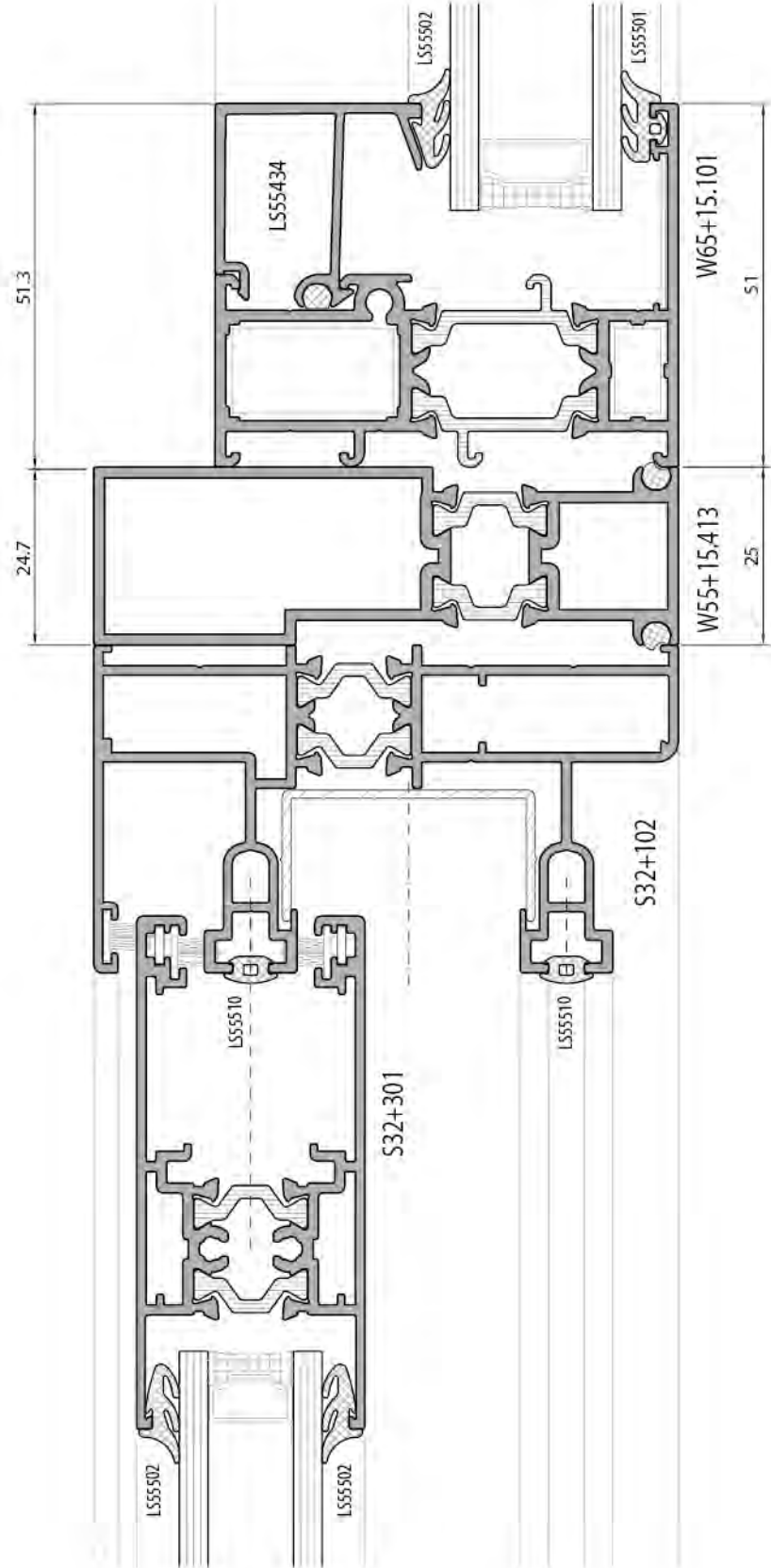
dışa açılır kapı
outward opening door

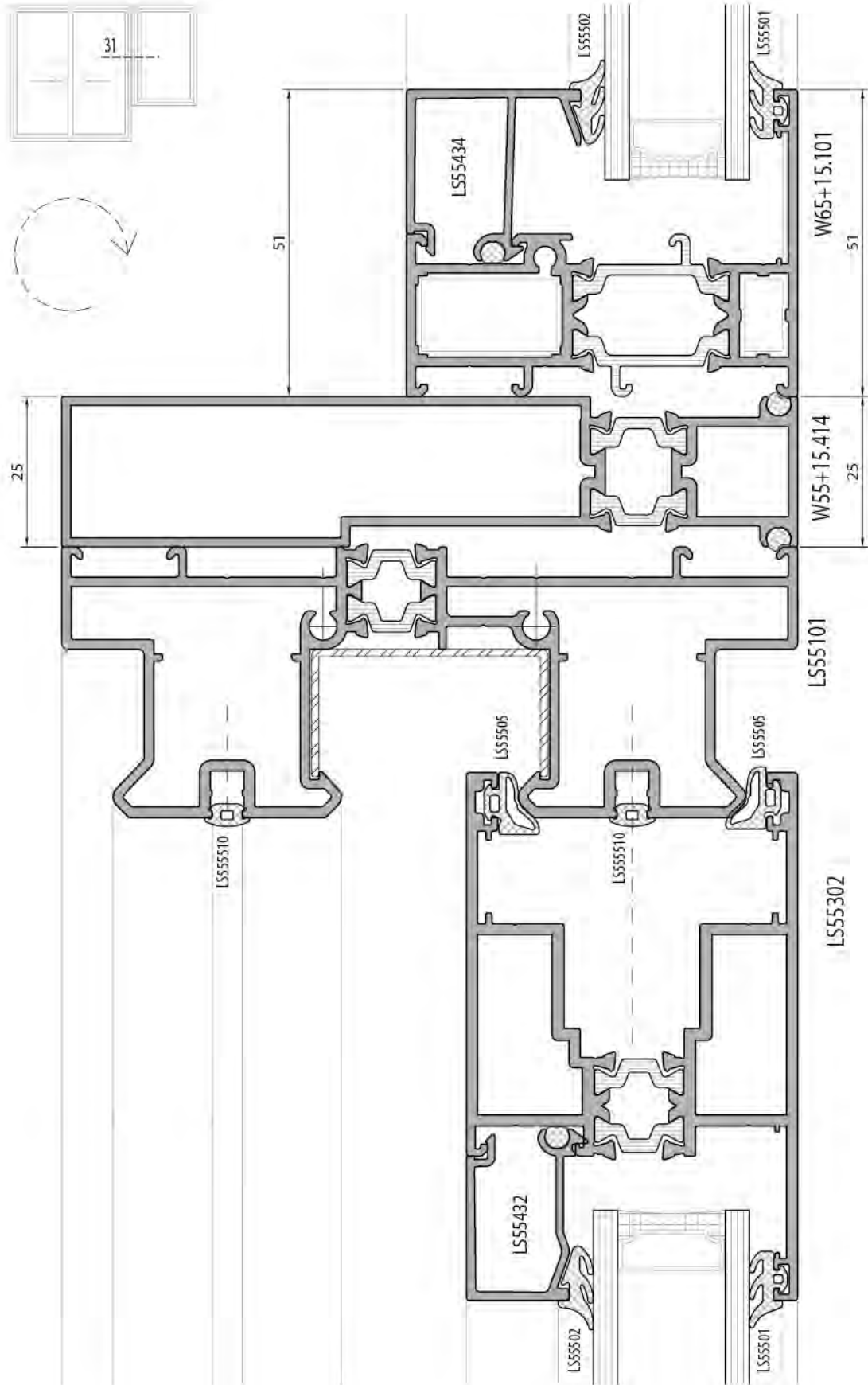


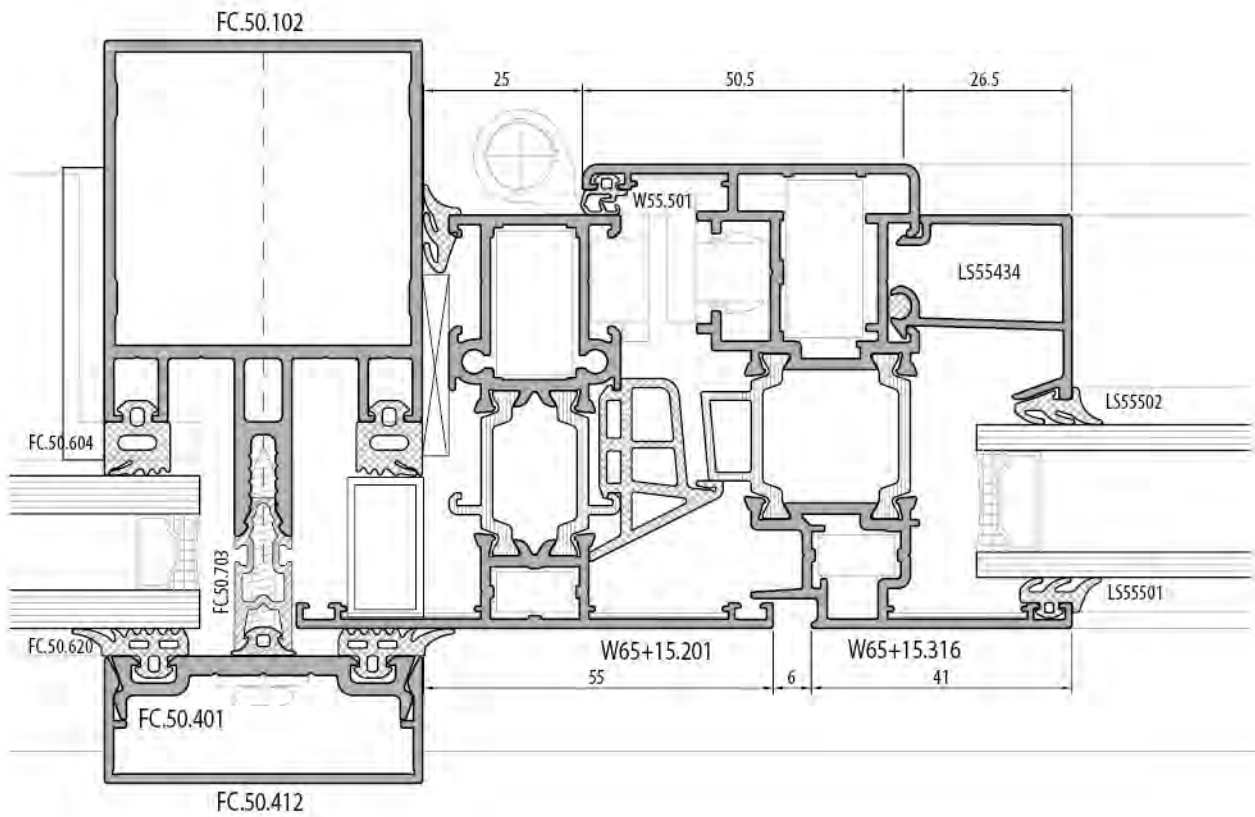
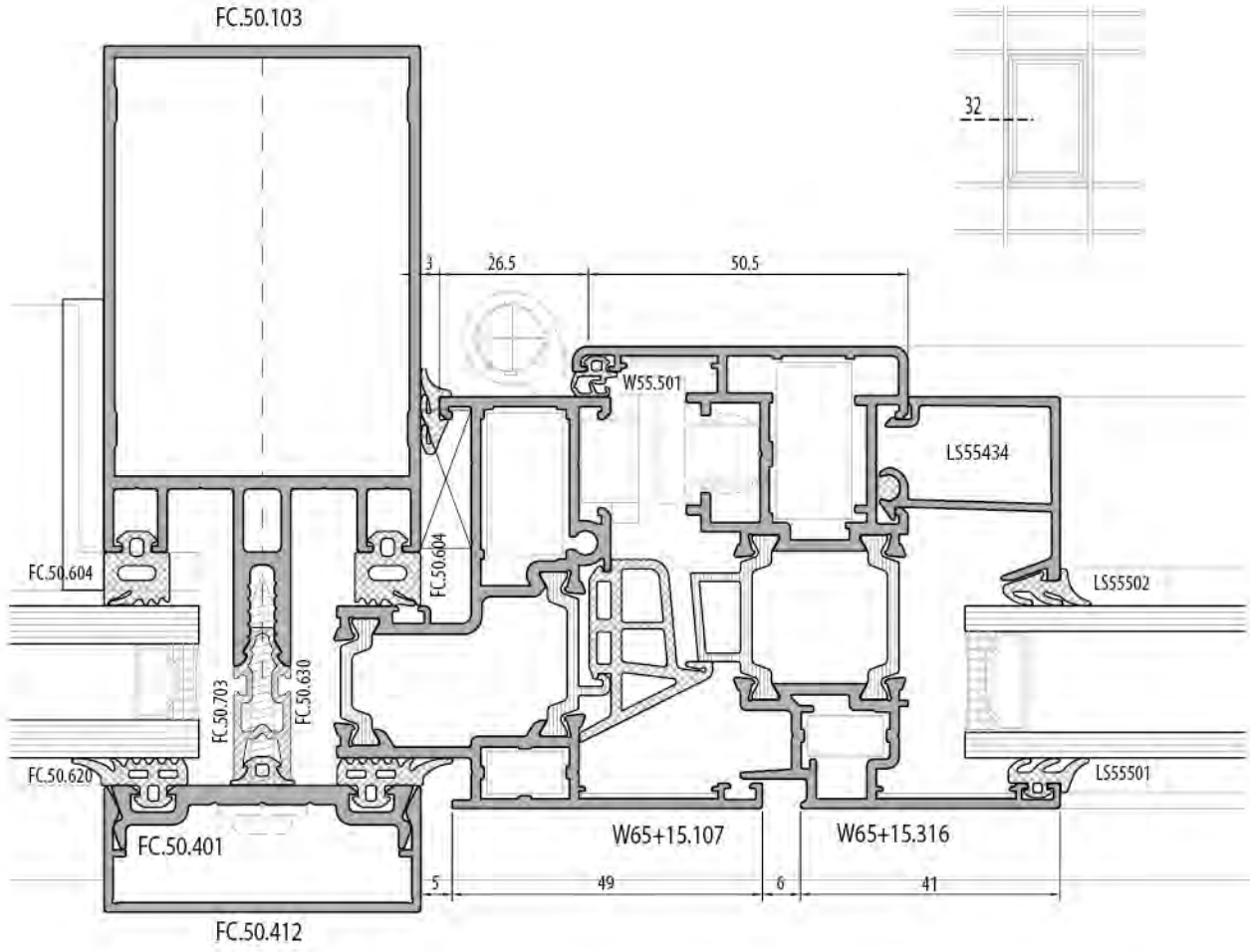
pvc groove section 9 mm



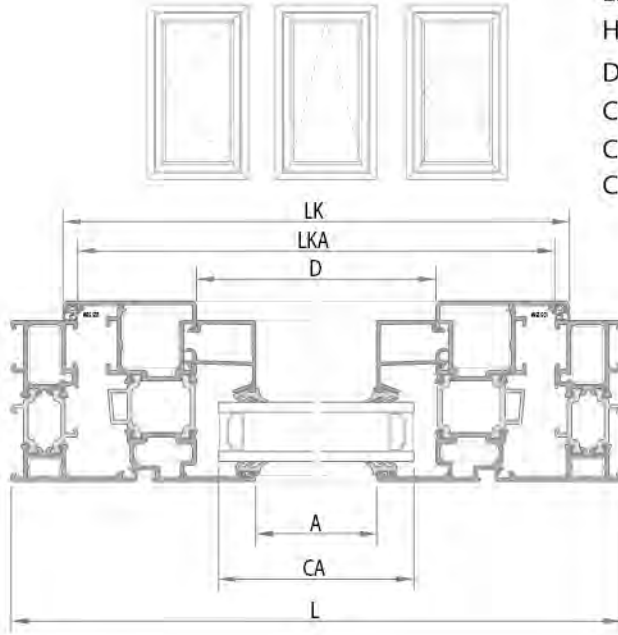




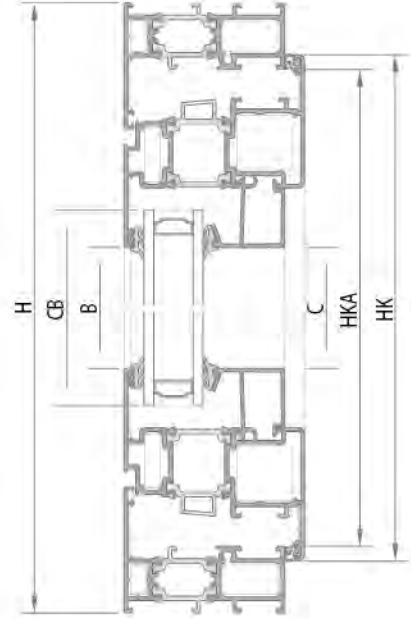




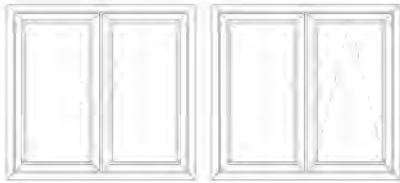
Normal / Vasistas / Çift açılım pencere
Normal / Tilt & Turn window



$$\begin{aligned} LK &= LKA + 12 \\ HK &= HKA + 12 \\ D &= A + 48 \\ C &= B \\ CA &= A + 30 \\ CB &= B + 30 \end{aligned}$$

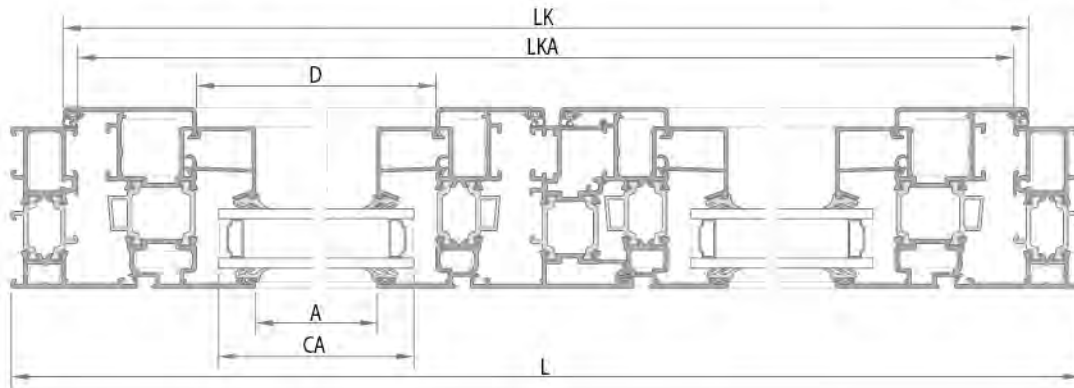
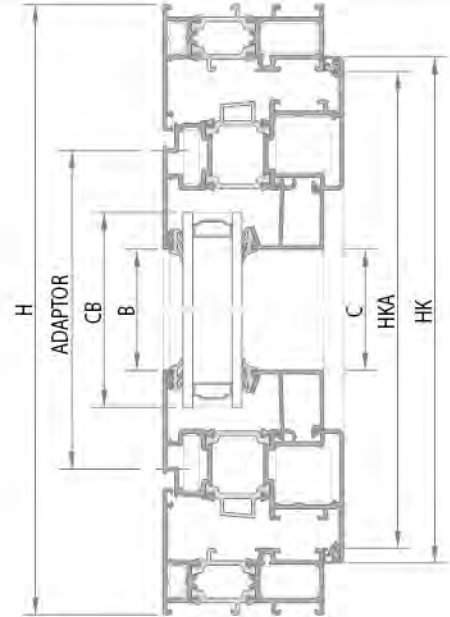


Normal / Çift açılım pencere
Normal / Tilt & Turn window



$$\begin{aligned} LK &= (LKA/2) + 3 \\ HK &= HKA + 12 \\ D &= A + 48 \\ C &= B \\ CA &= A + 30 \\ CB &= B + 30 \\ ADAPTÖR &= HKA - 64 \end{aligned}$$

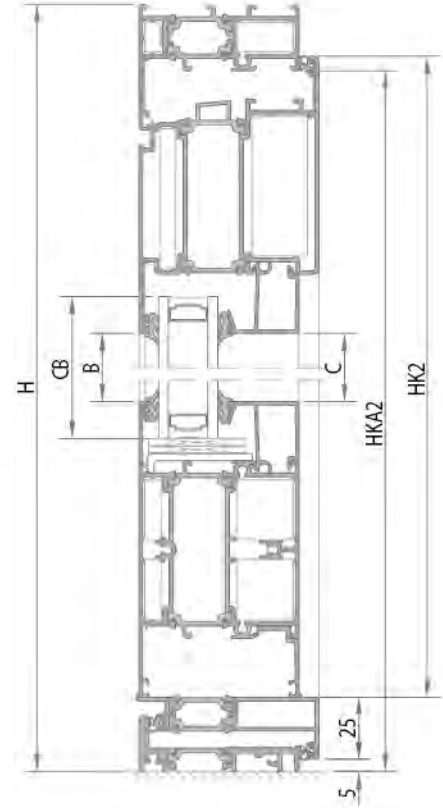
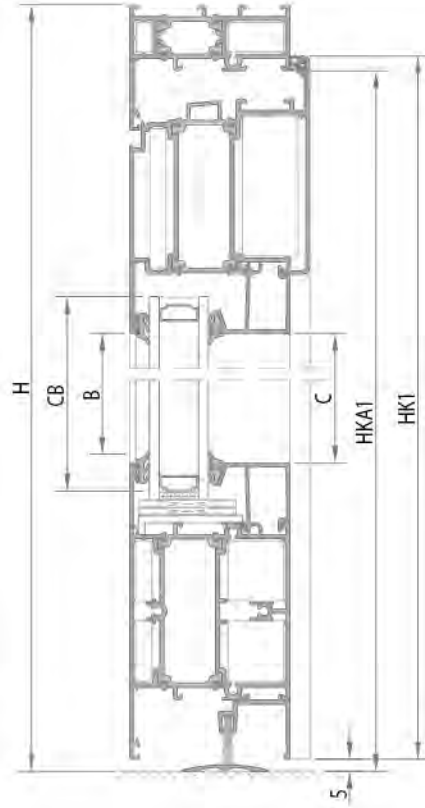
- L doğrama eni
- H doğrama boyu
- LK kanat yatay ölçüsü
- HK kanat düşey ölçüsü
- LKA kasa yatay ara ölçü
- HKA kasa düşey ara ölçü
- A kanat yatay ara ölçü
- B kanat düşey ara ölçü
- D çita yatay ölçü
- C çita düşey ölçü
- CA cam yatay ölçüsü
- CB cam düşey ölçüsü



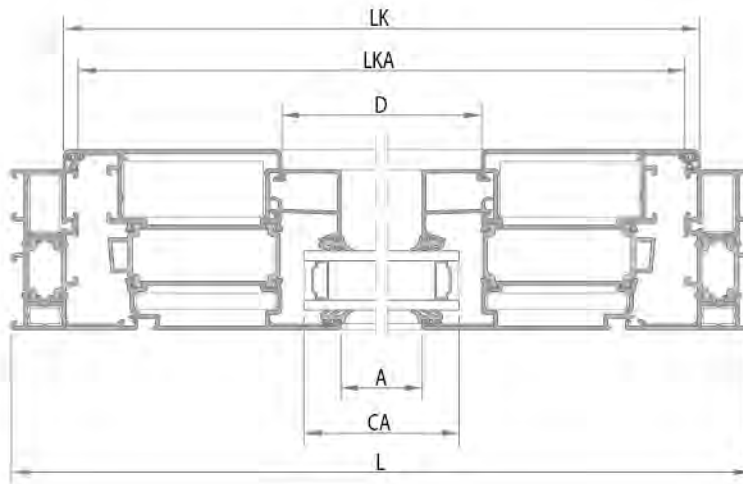
İçe açılır kapı
inward opening door



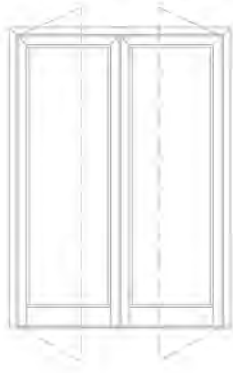
L	dograma eni
H	dograma boyu
LK	kanat yatay ölçüsü
HK	kanat dikey ölçüsü
LKA	kasa yatay ara ölçü
HKA	kasa dikey ara ölçü
A	kanat yatay ara ölçü
B	kanat dikey ara ölçü
D	çita yatay ölçü
C	çita dikey ölçü
CA	cam yatay ölçüsü
CB	cam dikey ölçüsü



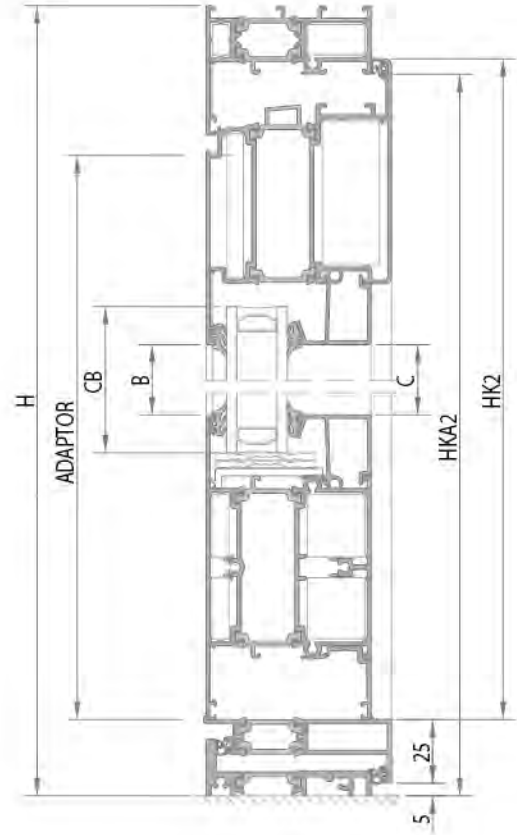
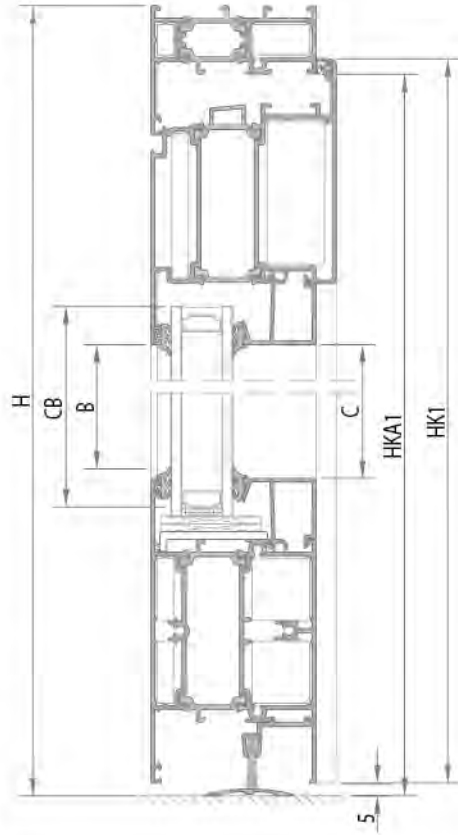
$$\begin{aligned} LK &= LKA + 12 \\ HK1 &= HKA1 + 1 \\ HK2 &= HKA1 - 24 \\ D &= A + 48 \\ C &= B \\ CA &= A + 30 \\ CB &= B + 30 \end{aligned}$$



Çift kanat içe açılır kapı
Double sash inward opening door



- L dograma eni
- H dograma boyu
- LK kanat yatay ölçüsü
- HK kanat dikey ölçüsü
- LKA kasa yatay ara ölçü
- HKA kasa dikey ara ölçü
- A kanat yatay ara ölçü
- B kanat dikey ara ölçü
- D çita yatay ölçü
- C çita dikey ölçü
- CA cam yatay ölçüsü
- CB cam dikey ölçüsü



$$LK = (LKA/2) + 3$$

$$HK1 = HKA1 + 1$$

$$HK2 = HKA1 - 24$$

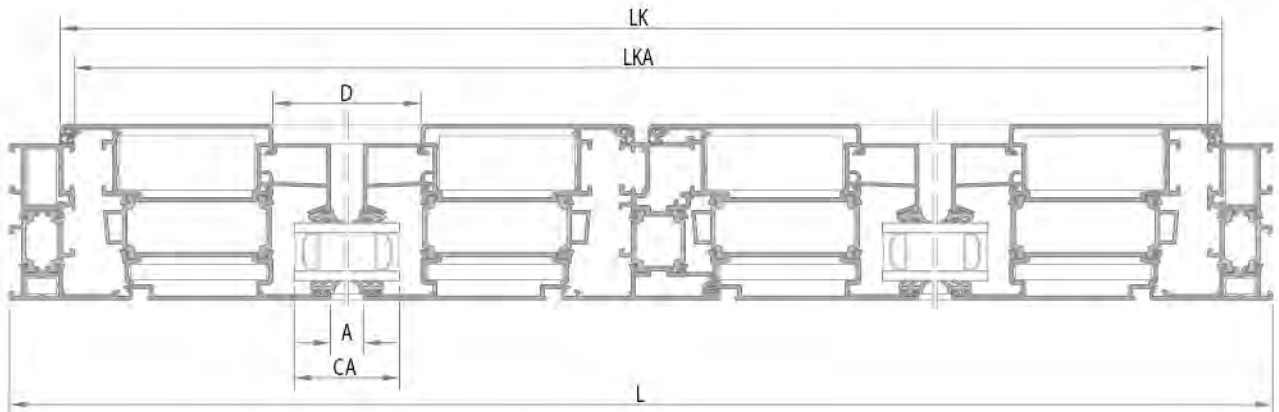
$$D = A + 48$$

$$C = B$$

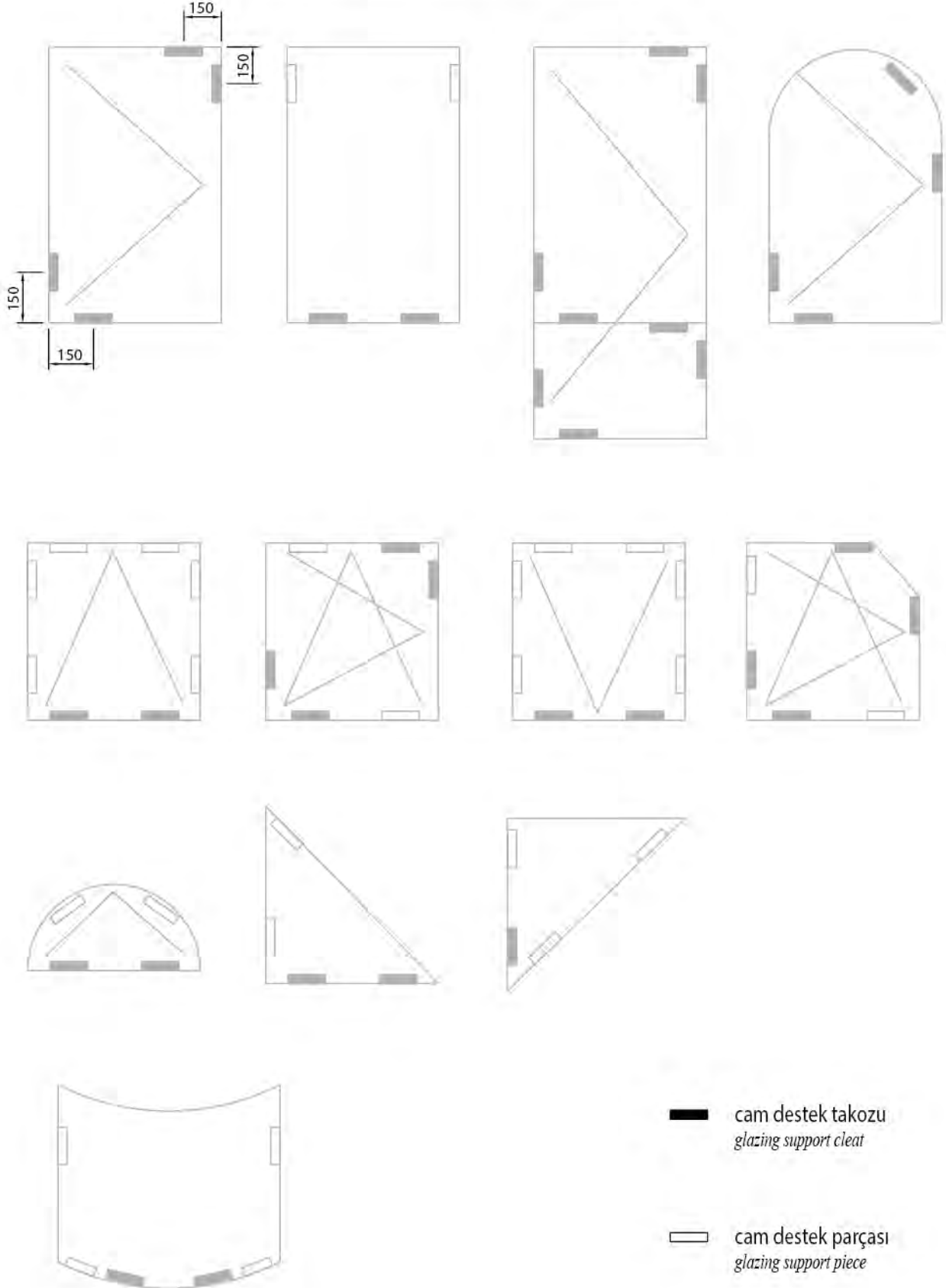
$$CA = A + 30$$

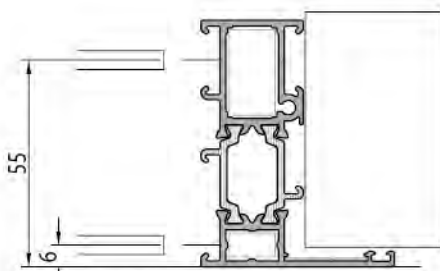
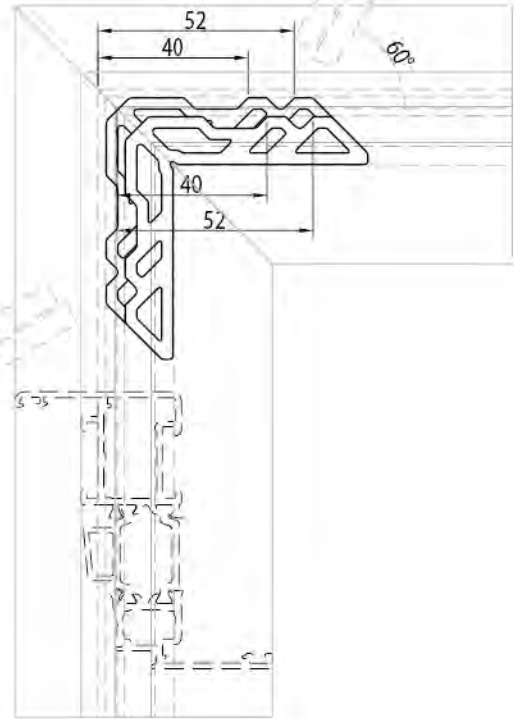
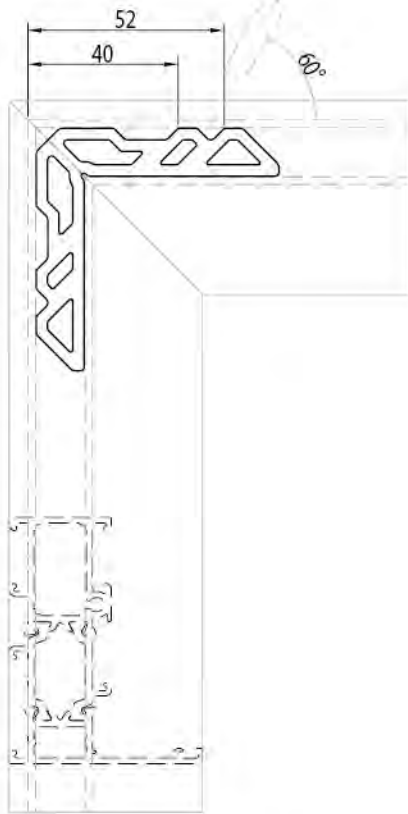
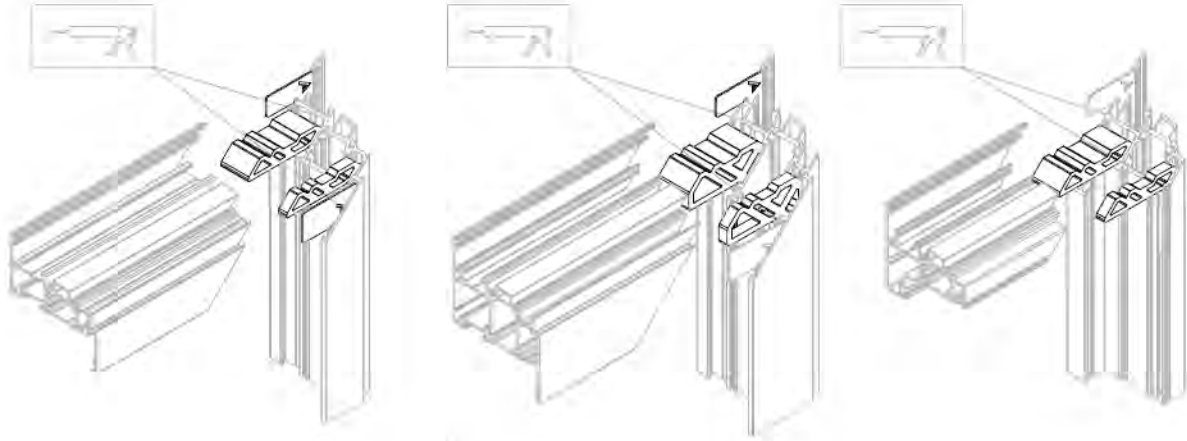
$$CB = B + 30$$

$$ADAPTÖR = HKA2 - 62$$

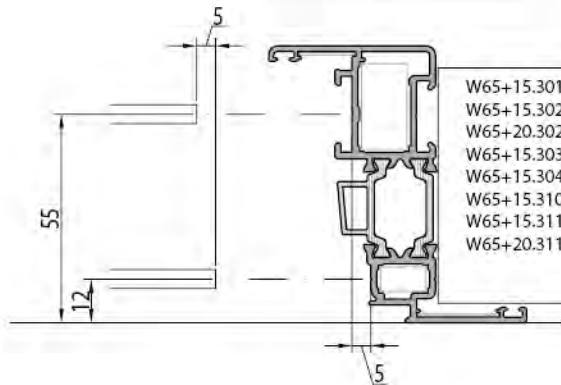


Cam Takozlama / Glazing Wedging

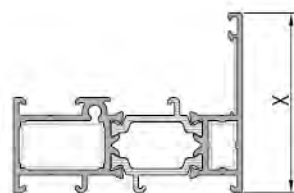
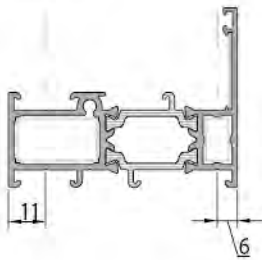
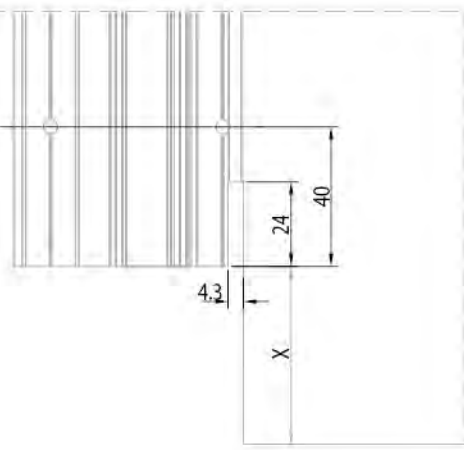
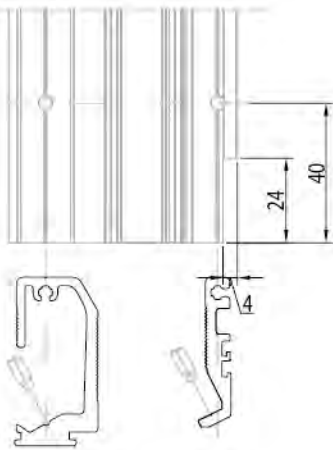
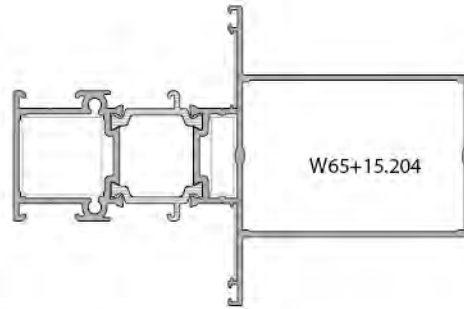
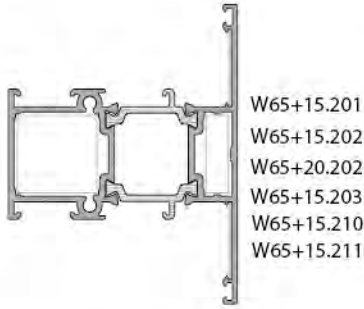
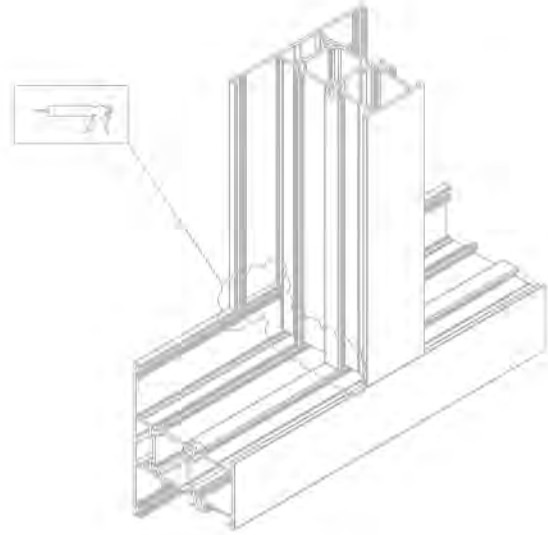
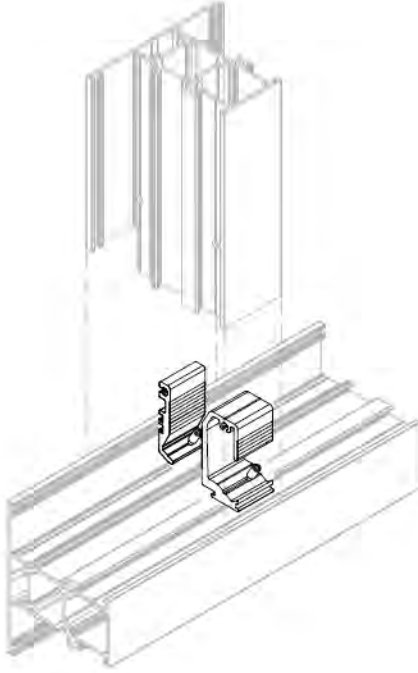


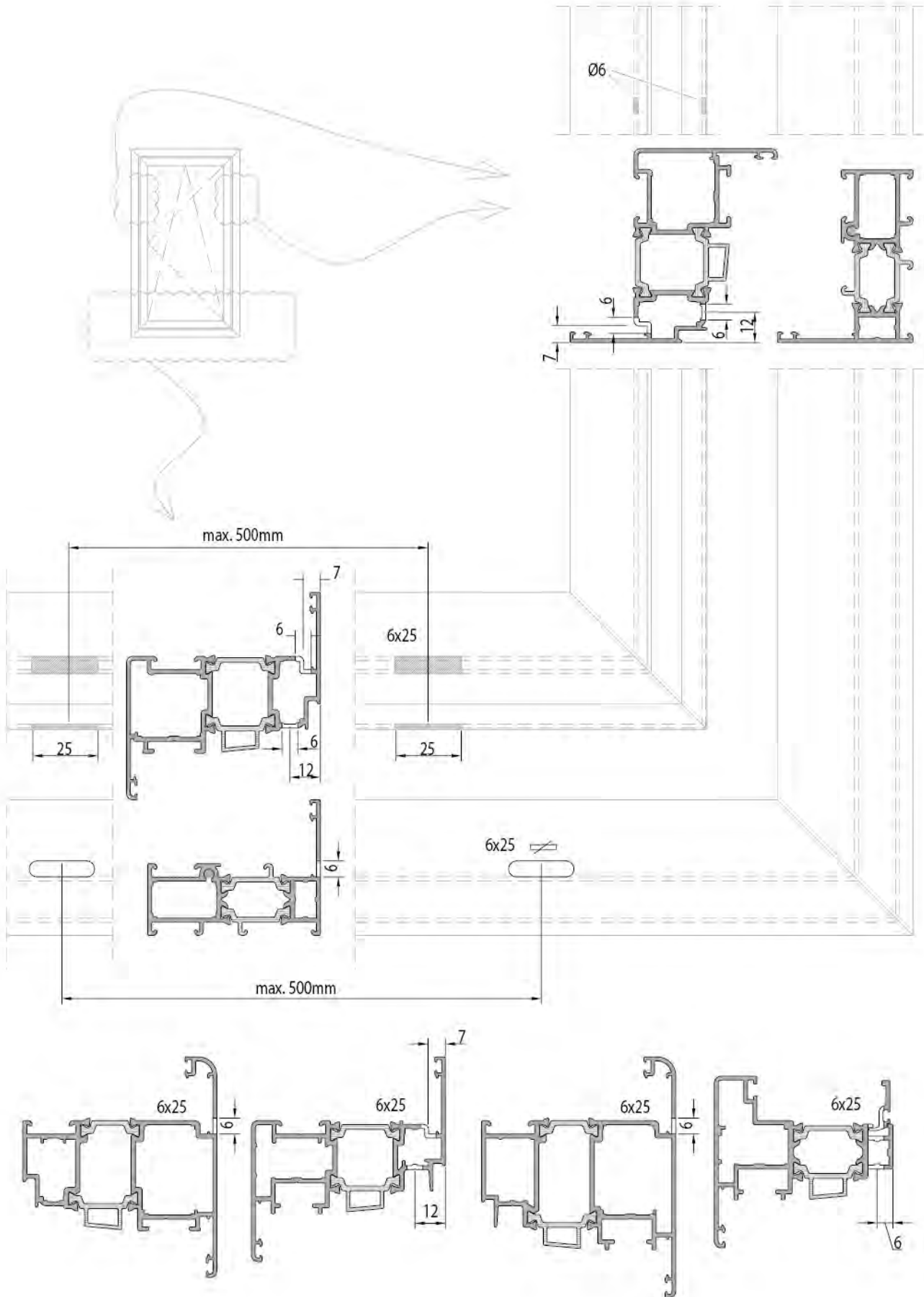


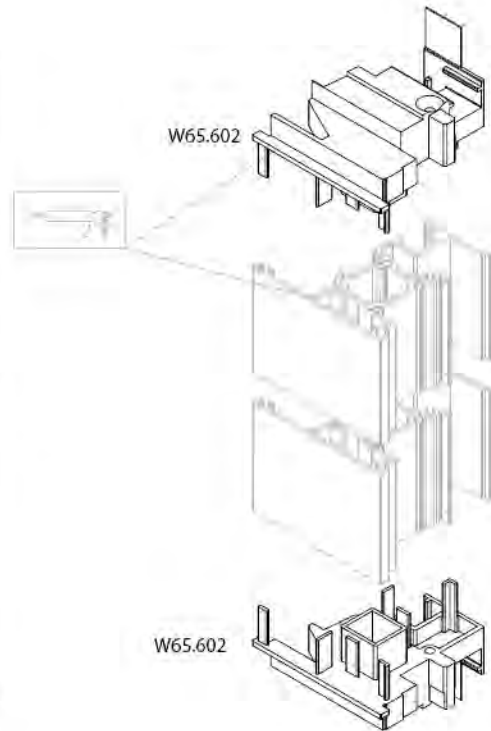
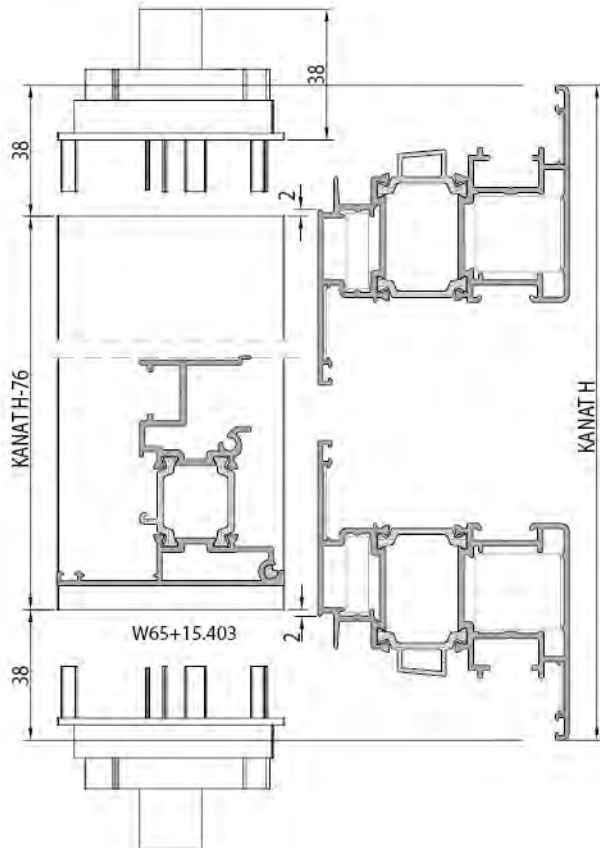
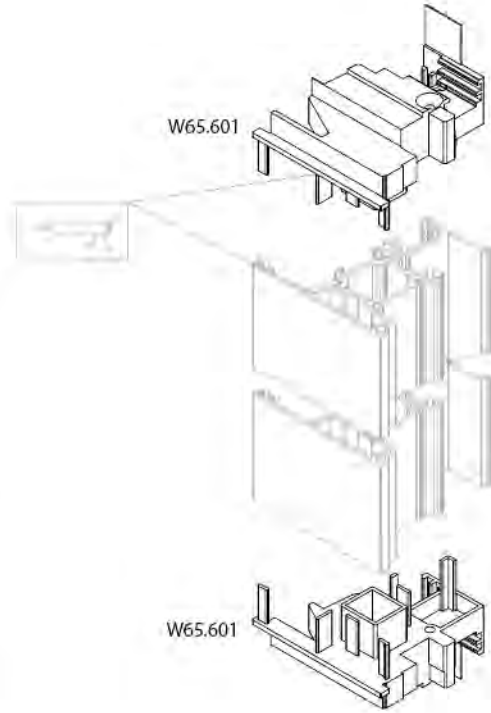
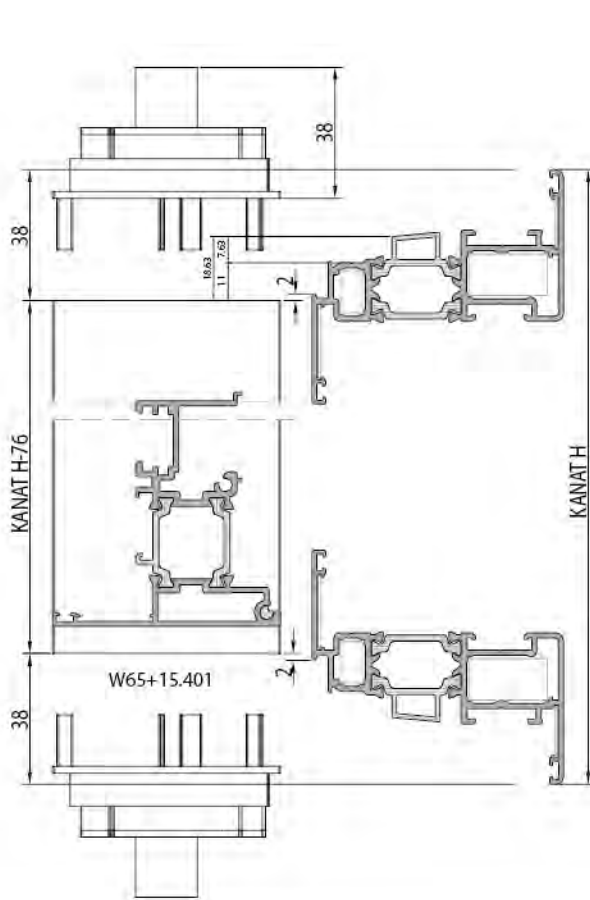
W65+15.101	W65+15.108	W65+20.202
W65+20.102	W65+15.109	W65+15.203
W65+15.102	W65+15.110	W65+15.204
W65+15.103	W65+15.201	W65+15.210
W65+15.104	W65+15.202	W65+15.211
W65+15.106		

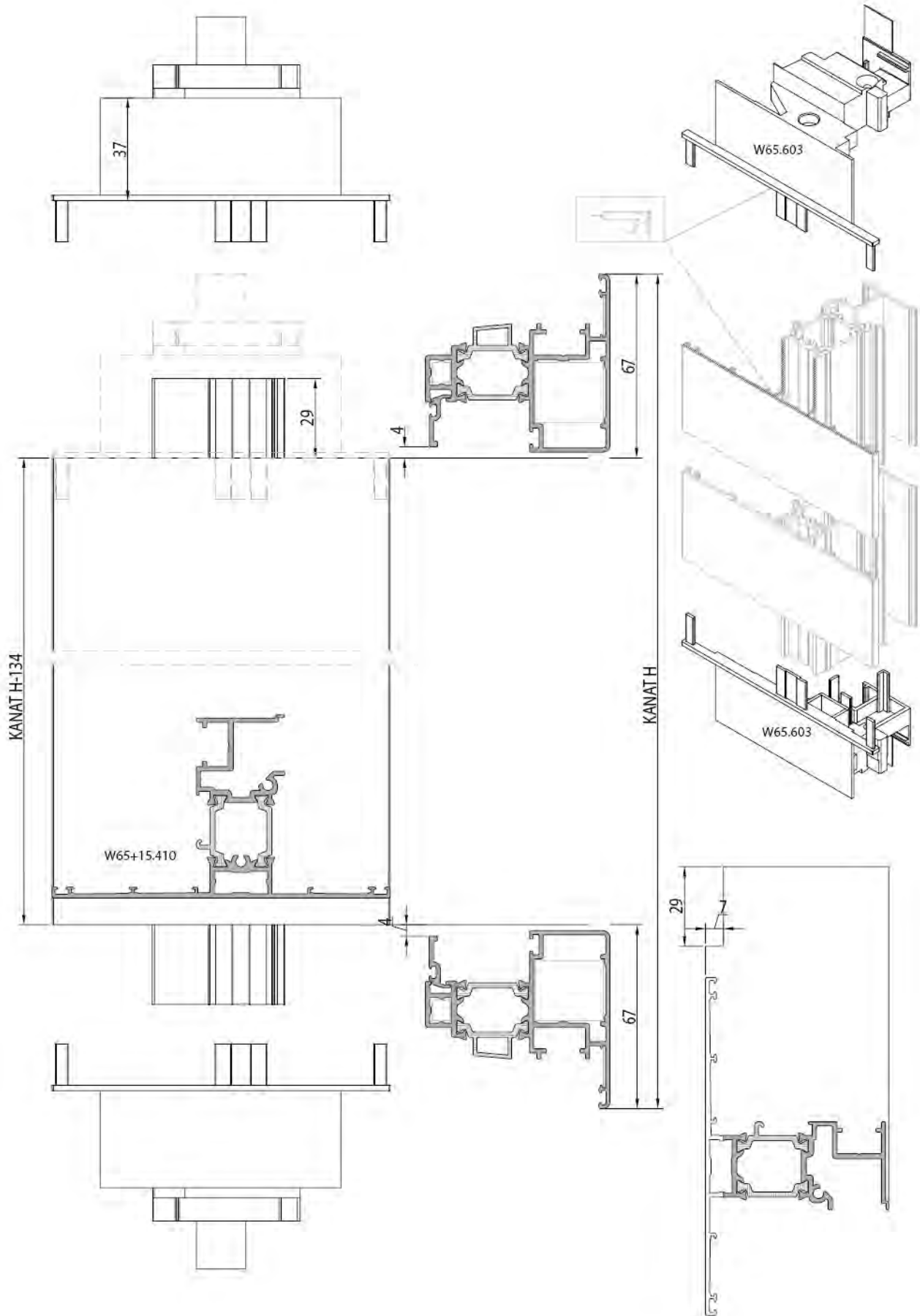


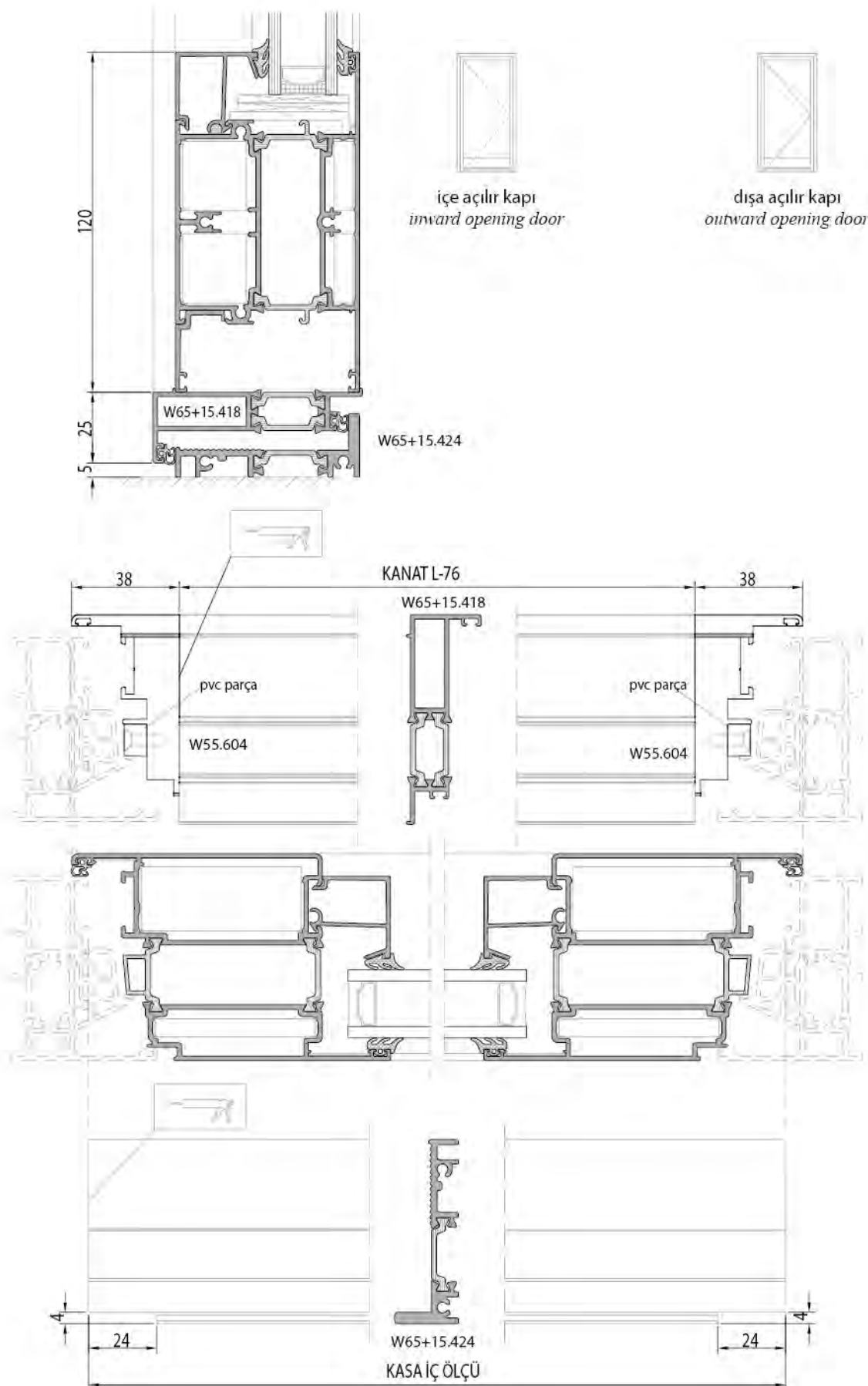
W65+15.301	W65+15.316
W65+15.302	W65+15.317
W65+20.302	W65+20.317
W65+15.303	W65+15.318
W65+15.304	W65+15.319
W65+15.310	W65+15.325
W65+15.311	W65+15.326
W65+20.311	

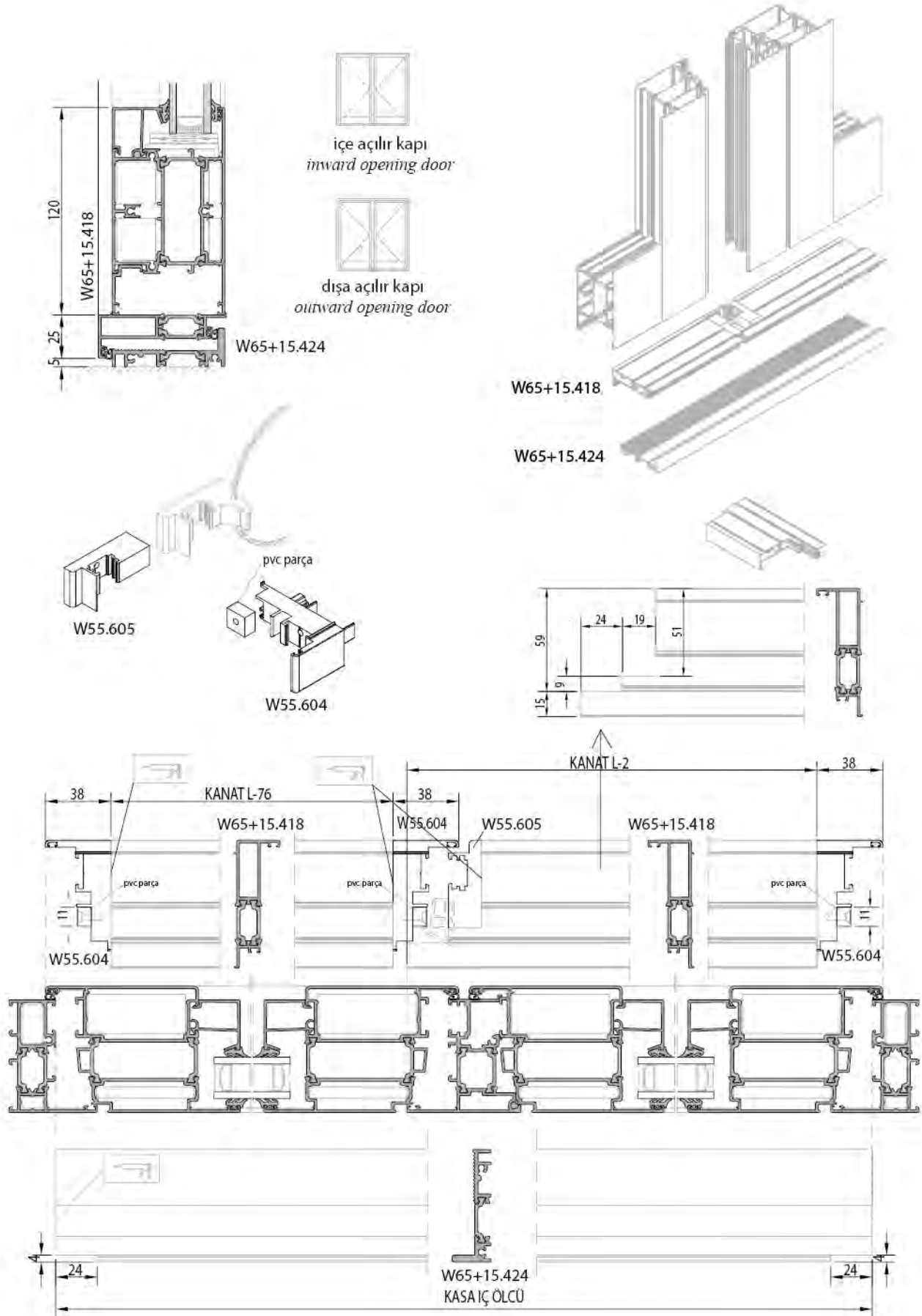




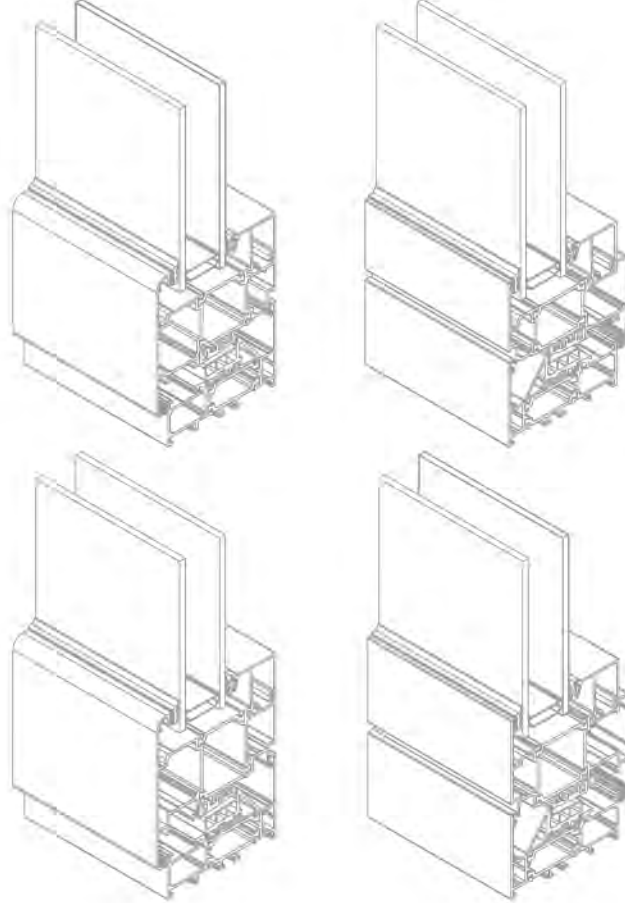








W75+



YALITIMLI PENCERE VE KAPI SİSTEMİ

INSULATED WINDOW
AND DOOR SYSTEM

W75+

KASA	FRAME	100
ORTA KAYIT	MULLION	200
KANAT	SASH	300
ADAPTÖR, BAGL. PR	ADAPTER	400
EPDM GRUP	EPDM GROUP	500
PVC GRUP	PVC GROUP	600
AÇILIM GRUP	OPENING GROUP	700

W75+ 15.101

SİSTEM GRUP PR NO

W75+ 15.101 h

SİSTEM GRUP PR NO YALITIM GRUBU

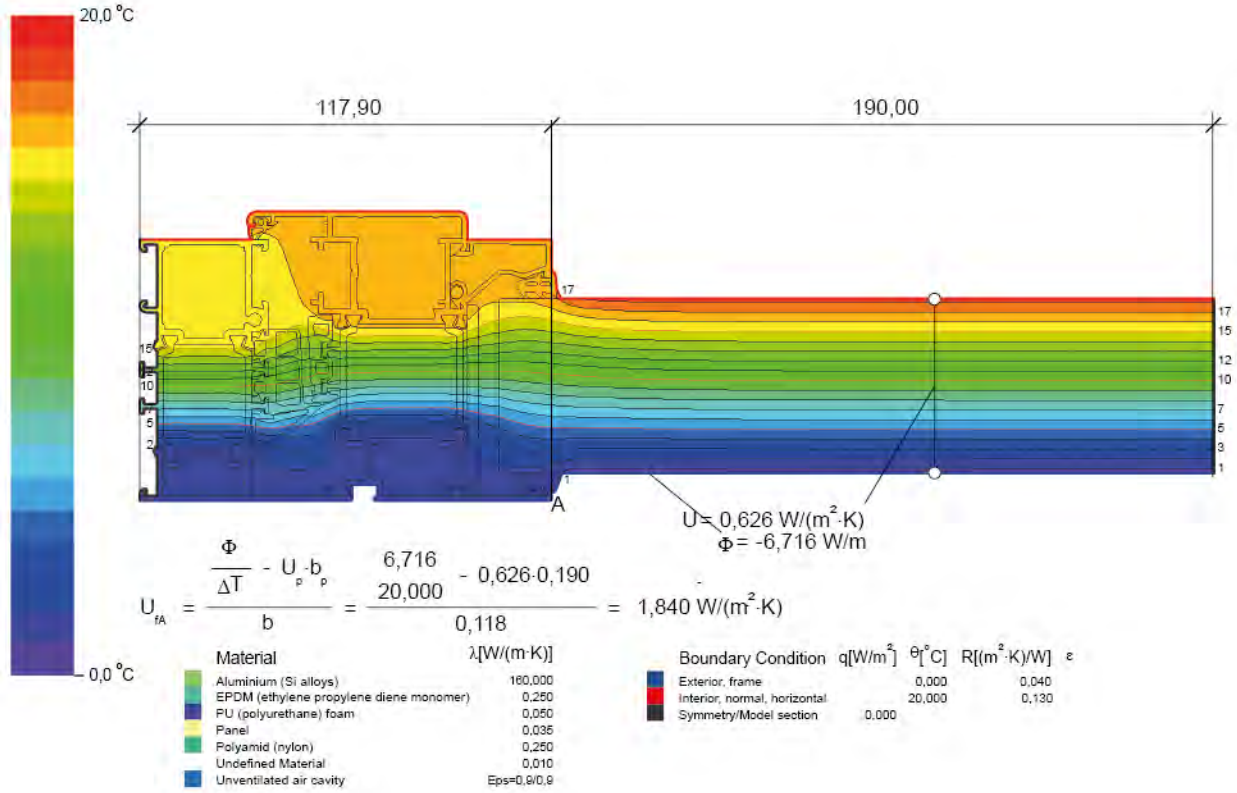
PROFİL ET KALINLIĞI	PROFILE THICKNESS	1,5-2 mm
KASA YÜKSEKLİĞİ	FRAME HEIGHT	75 mm
KANAT YÜKSEKLİĞİ	SASH HEIGHT	83 mm
ISI BARIYERİ	THERMAL ISULATION BAR	36 mm
CAM KALINLIĞI	GLASS THICKNESS	6-8 mm

ALAŞIM ÖZELLİKLERİ
ALLOY PROPERTIES

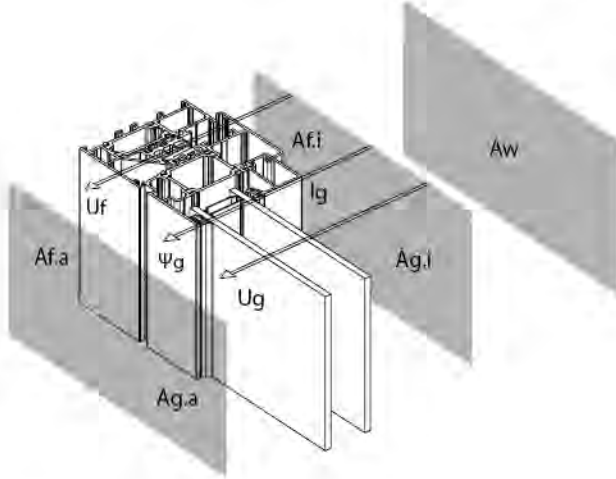
ÜRETİM VE MEKANİK STANDARTLAR
PRODUCTION AND MECHANICAL STANDARDS

EN AW 6060 (AlMgSi0,5 F22)
EN AW 6063 (AlMg0,7Si F22)

EN 12020-2 EN 755-9 EN 755-2



EN ISO 10077-2 ISI DEĞER HESAP METODU
METHOD FOR CALCULATION OF THERMAL TRANSMITTANCE ACCORDING
TO EN ISO 10077-2

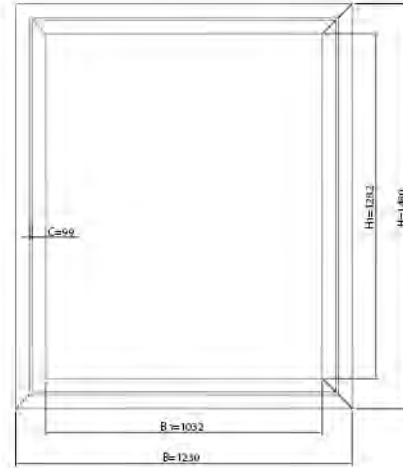


$$U_w = \frac{A_g \cdot U_g + A_f \cdot U_f + I_g \cdot \psi_g}{A_g + A_f}$$

A_w = Window (m²)--(A_f + A_g)
 A_f = Frame (m²)--Max. ($A_{f,i}$: $A_{f,e}$)
 I_g = Glazing (m)--Max. ($I_{g,i}$: $I_{g,e}$)
 ψ_g = Glazing

Örnek Çözüm
Example

U_w - çerçeve ısı yalıtım katsayısı thermal transmittance coefficient of the whole structure
U_g - cam yalıtım katsayısı glass thermal transmittance coefficient
U_f - kasa kanat kesit ısı katsayısı thermal transmittance coefficient of the aluminium frame (frame and sash)
ψ_g - cam içi spacer ısı değeri spacer linear thermal transmittance
I_g - spacer toplam uzunluğu total length of the spacer
A_g - cam alanı glass area
A_f - alüminyum kasa, kanat çerçeve alanı aluminium frame area (frame and sash)



$$A_f = (2 \cdot B1 \cdot C) + (2 \cdot H \cdot C)$$

$$A_f = (2 \cdot 1.032 \cdot 0.099) + (2 \cdot 1.480 \cdot 0.099)$$

$$A_f = 0.204336 + 0.29304$$

$$A_f = 0.50 \text{ m}^2$$

$$A_g = B1 \cdot H1 = 1.032 \cdot 1.282 = 1.32 \text{ m}^2$$

$$U_w = \frac{A_g \cdot U_g + A_f \cdot U_f + I_g \cdot \psi_g}{A_g + A_f}$$

$$U_w = \frac{1.32 \cdot 1.8 + 0.50 \cdot 2.48 + 4.75 \cdot 0.11}{1.32 + 0.50}$$

$$U_w = 2.27 \text{ W/m}^2\text{K}$$

$$B = 1230 \text{ mm}$$

$$H = 1480 \text{ mm}$$

$$B1 = 1032 \text{ mm}$$

$$H1 = 1282 \text{ mm}$$

$$C = 99 \text{ mm}$$

$$U_f = 2.48 \text{ W/m}^2\text{K}$$

$$U_g = 1.8 \text{ W/m}^2\text{K}$$

$$\psi_g = 0.11 \text{ W/m}^2\text{K}$$

$$I_g = 4.748 \text{ mm}$$

ψ_g - EN ISO 10077-1 uyarınca standart spacer değeri
 ψ_g - values for standart spacers in accordance with EN ISO 10077-1



Köşe takoz profili
Corner cleat profile

W55.450-1	7 mm
W55.450-2	23,2 mm
W55.450-3	25,4 mm
W55.450-4	24,7 mm

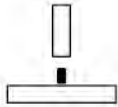
W55.453-1	7 mm
W55.453-2	13,1 mm

W55.454-1	7 mm
W55.454-2	23,2 mm
W55.454-3	18,5 mm

W55.455-1	7 mm
-----------	------

W55.451-1	7 mm
W55.451-2	23,2 mm
W55.451-3	25,4 mm
W55.451-4	13,1 mm

W55.452-1	7 mm
W55.452-2	23,2 mm
W55.452-3	25,4 mm
W55.452-4	18,5 mm



Orta kayıt bağlantı
Mullion connection

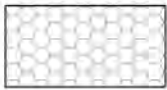
LS55.443-2	12,5 mm
LS55.443-3	22,5 mm
LS55.443-5	32,6 mm
LS55.443-6	25 mm

LS55.444-2	12,5 mm
LS55.444-3	22,5 mm
LS55.444-5	32,6 mm
LS55.444-6	25 mm

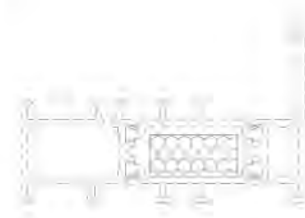


Köşe onbaşı
Corner cleat

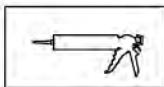
LS55617 LS55618



Yapışkanlı yalıtım süngeri
Additional insulator in the thermo-break



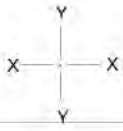
Yatay sayfa
Page horizontal



Silikon
Silicone

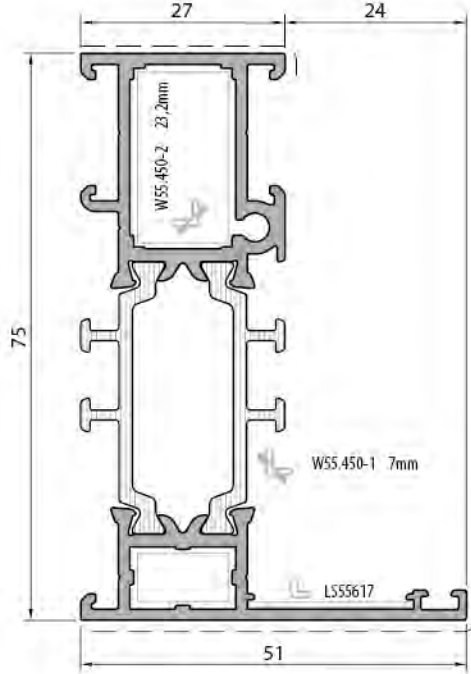


Dikkat
Attention

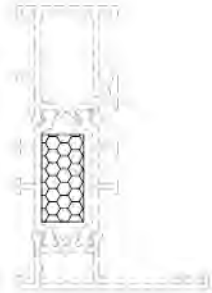


W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

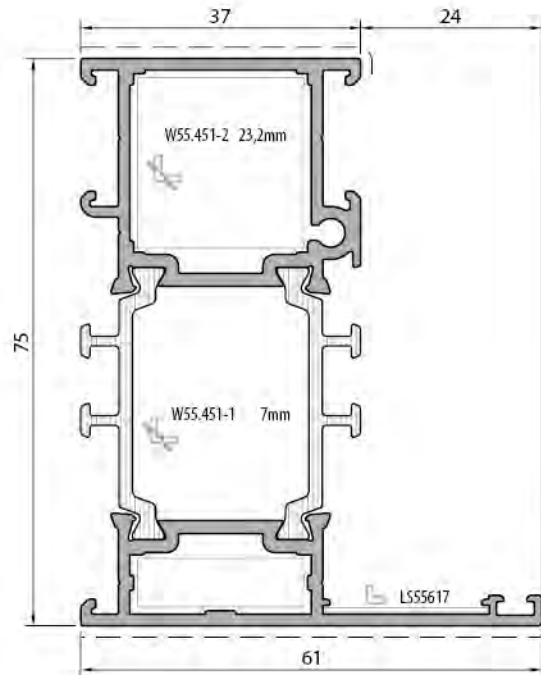
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kasa Profili / Frame profile	
W75+15.101	
Weight : 1,296 kg/m	
$I_x : 30,21 \text{ cm}^4$	$W_x : 8,81 \text{ cm}^3$
$I_y : 4,39 \text{ cm}^4$	$W_y : 1,11 \text{ cm}^3$



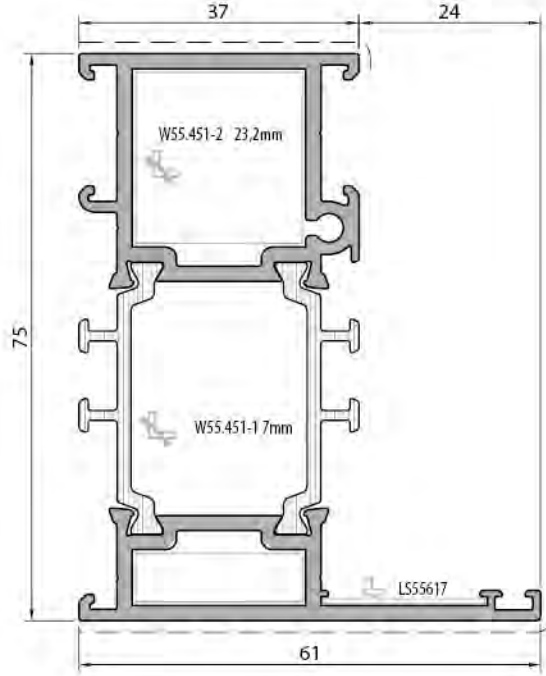
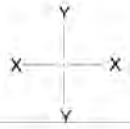
Yüksek Yalıtımlı Kasa Profili High insulated frame profile	
W75+15.101h	
Weight : 1,522 kg/m	



Kasa Profili / Frame profile	
W75+15.102	
Weight : 1,480 kg/m	
$I_x : 35,34 \text{ cm}^4$	$W_x : 12,00 \text{ cm}^3$
$I_y : 8,68 \text{ cm}^4$	$W_y : 2,22 \text{ cm}^3$

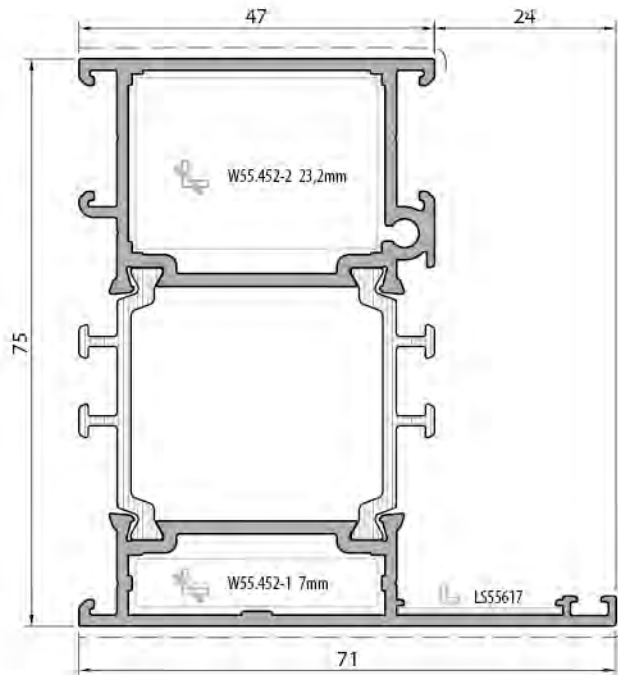
Yüksek Yalıtımlı Kasa Profili High insulated frame profile	
W75+15.102h	
Weight : 1,925 kg/m	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



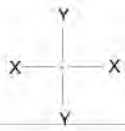
Kasa Profili / Frame profile	
W75+20.102	
Weight : 1,615 kg/m	
Ix : 42,00 cm ⁴	Wx : 10,47 cm ³
Iy : 9,60 cm ⁴	Wy : 2,47 cm ³

Yüksek Yalıtımlı Kasa Profili High insulated frame profile	
W75+20.102h	
Weight : 2,060 kg/m	



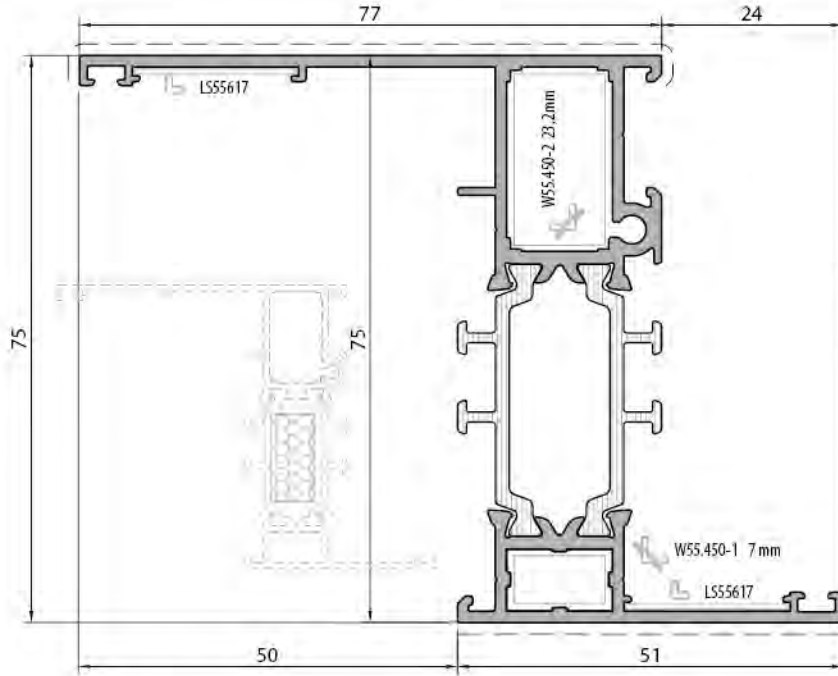
Kasa Profili / Frame profile	
W75+15.103	
Weight : 1,652 kg/m	
Ix : 40,49 cm ⁴	Wx : 9,23 cm ³
Iy : 15,10 cm ⁴	Wy : 3,75 cm ³

Yüksek Yalıtımlı Kasa Profili High insulated frame profile	
W75+15.103h	
Weight : 2,316 kg/m	



W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kasa Profili / Frame profile

W75+15.104

Weight : 1,465 kg/m

I_x : 38,83 cm⁴

W_x : 9,20 cm³

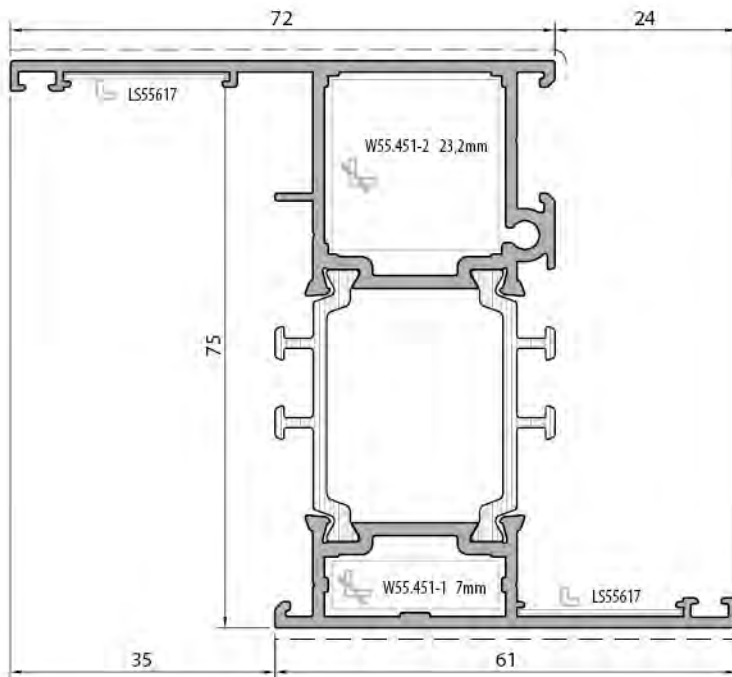
I_y : 11,83 cm⁴

W_y : 2,00 cm³

Yüksek Yalıtımlı Kasa Profili
High insulated frame profile

W75+15.104h

Weight : 1,691 kg/m



Kasa Profili / Frame profile

W75+15.106

Weight : 1,628 kg/m

I_x : 42,40 cm⁴

W_x : 12,64 cm³

I_y : 13,60 cm⁴

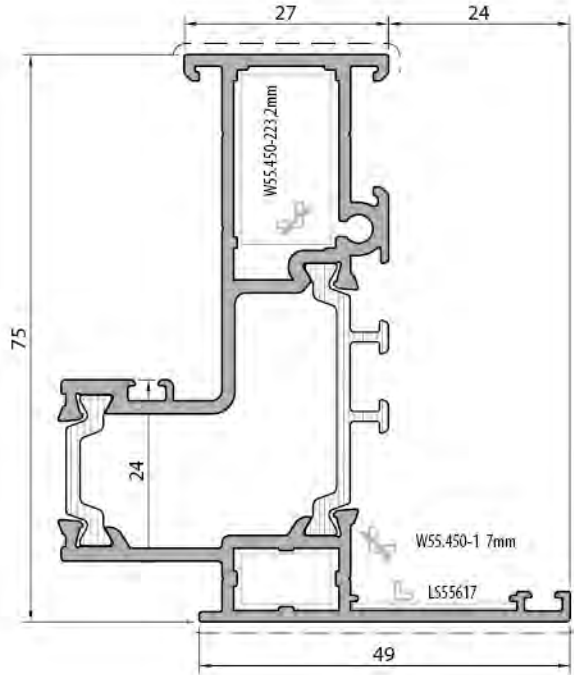
W_y : 2,60 cm³

Yüksek Yalıtımlı Kasa Profili
High insulated frame profile

W75+15.106h

Weight : 2,073 kg/m

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.



Cephe İçi Kasa Profili / Inner frame curtain wall pr.

W75+15.107

Weight : 1,508 kg/m

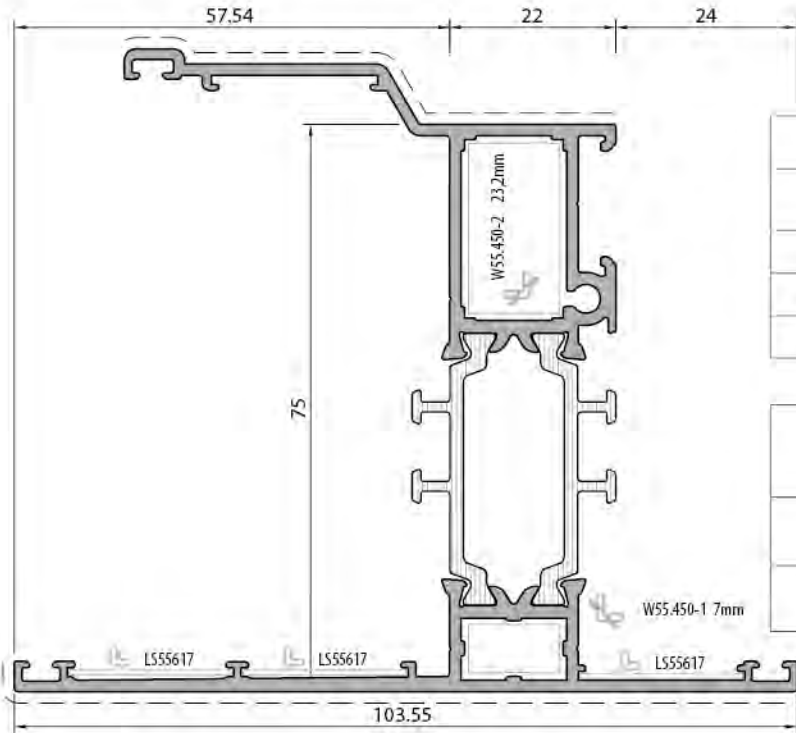
Ix : 33,10 cm⁴ Wx : 7,78 cm³

Iy : 10,06 cm⁴ Wy : 2,56 cm³

Yüksek Yalıtımlı Cephe İçi Kasa Profili
High insulated inner frame curtain wall pr.

W75+15.107h

Weight : 1,734 kg/m



Kasa Profili / Frame profile

W75+15.108

Weight : 1,738 kg/m

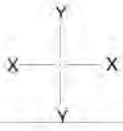
Ix : 54,56 cm⁴ Wx : 9,60 cm³

Iy : 27,84 cm⁴ Wy : 5,54 cm³

Yüksek Yalıtımlı Kasa Profili
High insulated frame profile

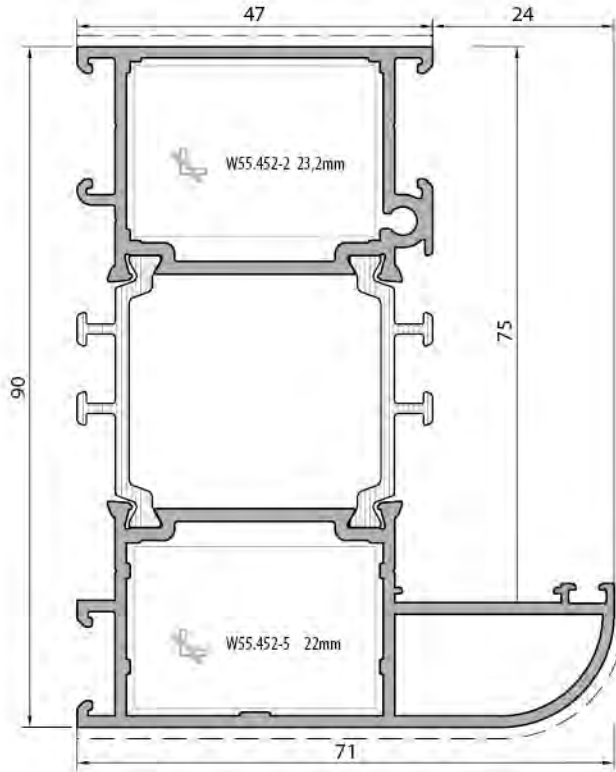
W75+15.108h

Weight : 1,964 kg/m



W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kasa Profili / Frame profile

W75+15.109

Weight : 1,956 kg/m

Ix : 64,21 cm⁴

Wx : 12,94 cm³

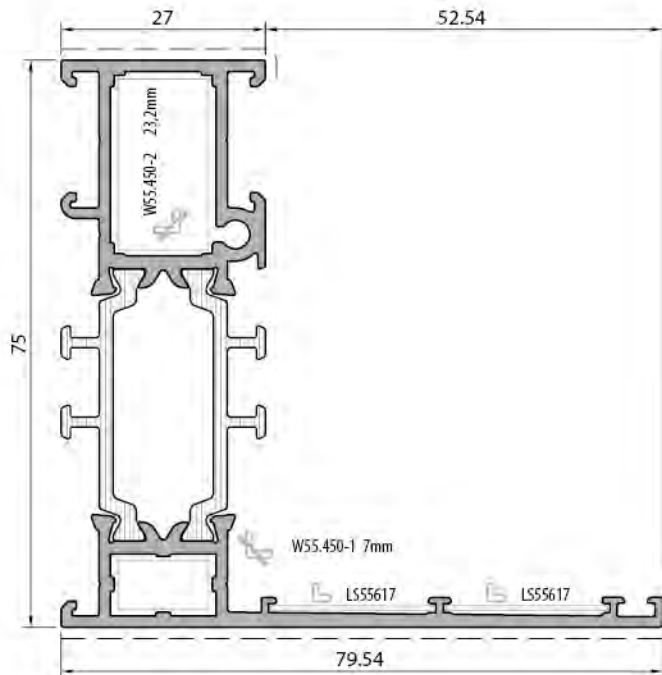
Iy : 21,95 cm⁴

Wy : 5,25 cm³

Yüksek Yalıtımlı Kasa Profili
High insulated frame profile

W75+15.109h

Weight : 2,620 kg/m



Kasa Profili / Frame profile

W75+15.110

Weight : 1,463 kg/m

Ix : 36,43 cm⁴

Wx : 8,20 cm³

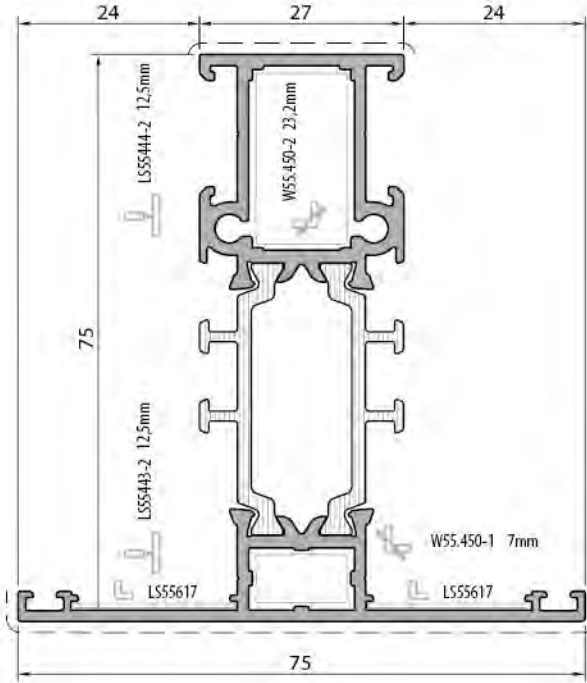
Iy : 11,30 cm⁴

Wy : 2,00 cm³

Yüksek Yalıtımlı Kasa Profili
High insulated frame profile

W75+15.110h

Weight : 1,689 kg/m



Orta Kayıt Profili / Mullion profile

W75+15.201

Weight : 1,446 kg/m

$I_x : 35,07 \text{ cm}^4$

$W_x : 8,30 \text{ cm}^3$

$I_y : 8,77 \text{ cm}^4$

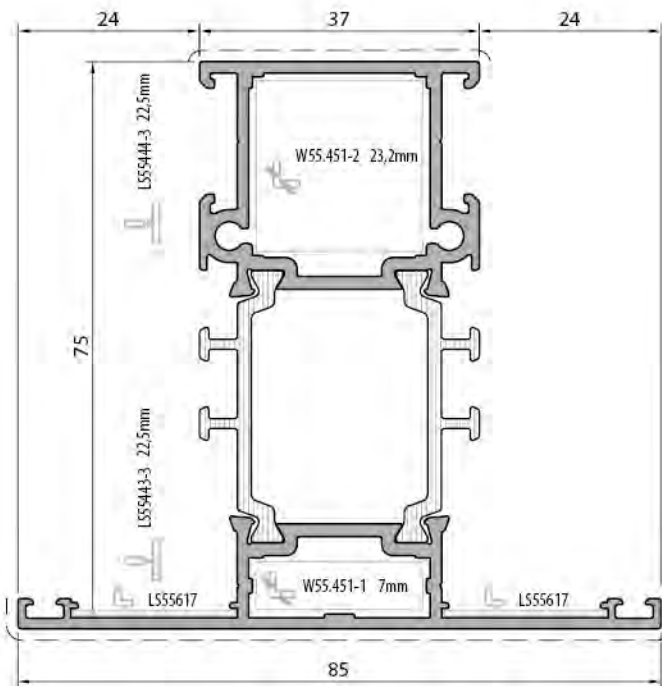
$W_y : 2,33 \text{ cm}^3$



Yüksek Yalıtımlı Orta Kayıt Profili
High insulated mullion profile

W75+15.201h

Weight : 1,672 kg/m



Orta Kayıt Profili / Mullion profile

W75+15.202

Weight : 1,629 kg/m

$I_x : 40,27 \text{ cm}^4$

$W_x : 9,52 \text{ cm}^3$

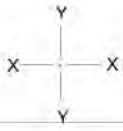
$I_y : 14,74 \text{ cm}^4$

$W_y : 3,46 \text{ cm}^3$

Yüksek Yalıtımlı Orta Kayıt Profili
High insulated mullion profile

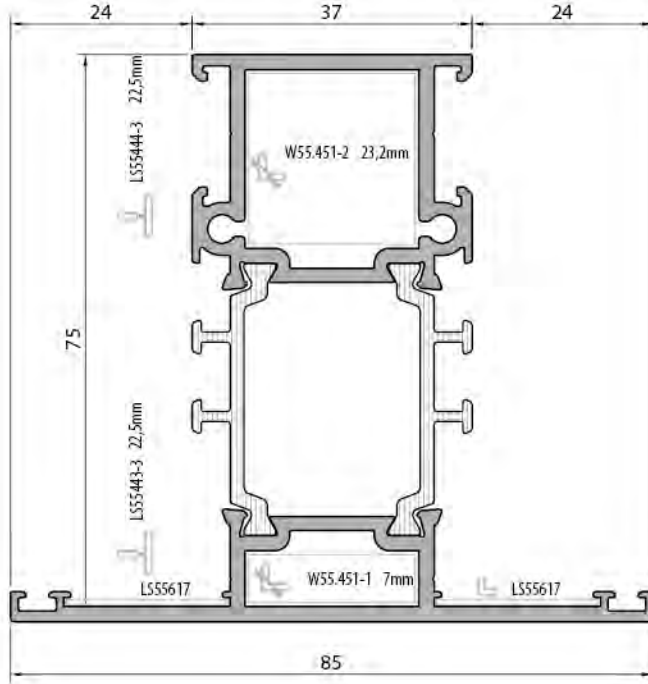
W75+15.202h

Weight : 2,074 kg/m



W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Orta Kayıt Profili / Mullion profile

W75+20.202

Weight : 1,781 kg/m

$I_x : 47,27 \text{ cm}^4$

$W_x : 11,08 \text{ cm}^3$

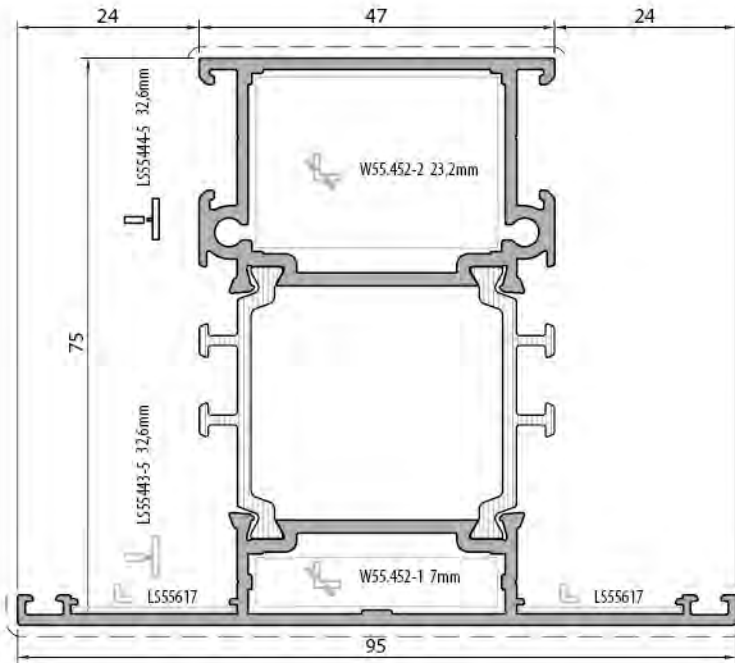
$I_y : 16,60 \text{ cm}^4$

$W_y : 3,90 \text{ cm}^3$

Yüksek Yalıtımlı Orta Kayıt Profili
High insulated mullion profile

W75+20.202h

Weight : 2,226 kg/m



Orta Kayıt Profili / Mullion profile

W75+15.203

Weight : 1,802 kg/m

$I_x : 45,53 \text{ cm}^4$

$W_x : 16,36 \text{ cm}^3$

$I_y : 23,19 \text{ cm}^4$

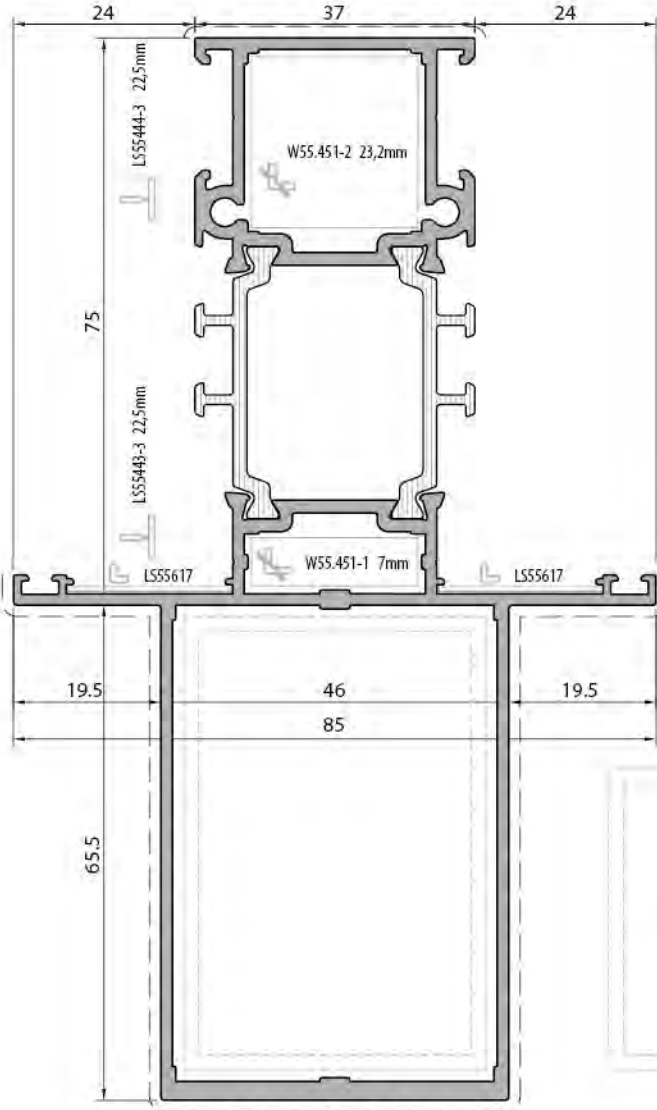
$W_y : 4,88 \text{ cm}^3$

Yüksek Yalıtımlı Orta Kayıt Profili
High insulated mullion profile

W75+15.203h

Weight : 2,466 kg/m

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Orta Kayıt Profili / Mullion profile

W75+15.204

Weight : 2,471 kg/m

$I_x : 166,82 \text{ cm}^4$

$W_x : 23,30 \text{ cm}^3$

$I_y : 26,30 \text{ cm}^4$

$W_y : 6,19 \text{ cm}^3$

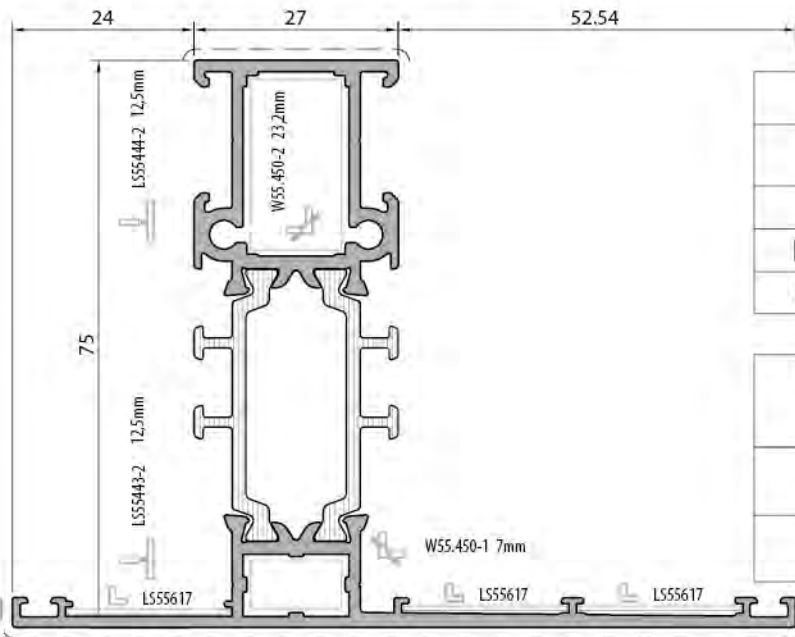
Yüksek Yalıtımlı Orta Kayıt Profili
High insulated mullion profile

W75+15.204h

Weight : 2,916 kg/m

40x40x2
demir kutu / steel box

40x60x2
demir kutu / steel box



Orta Kayıt Profili / Mullion profile

W75+15.210

Weight : 1,614 kg/m

$I_x : 40,47 \text{ cm}^4$

$W_x : 8,75 \text{ cm}^3$

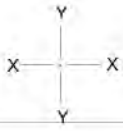
$I_y : 19,25 \text{ cm}^4$

$W_y : 3,20 \text{ cm}^3$

Yüksek Yalıtımlı Orta Kayıt Profili
High insulated mullion profile

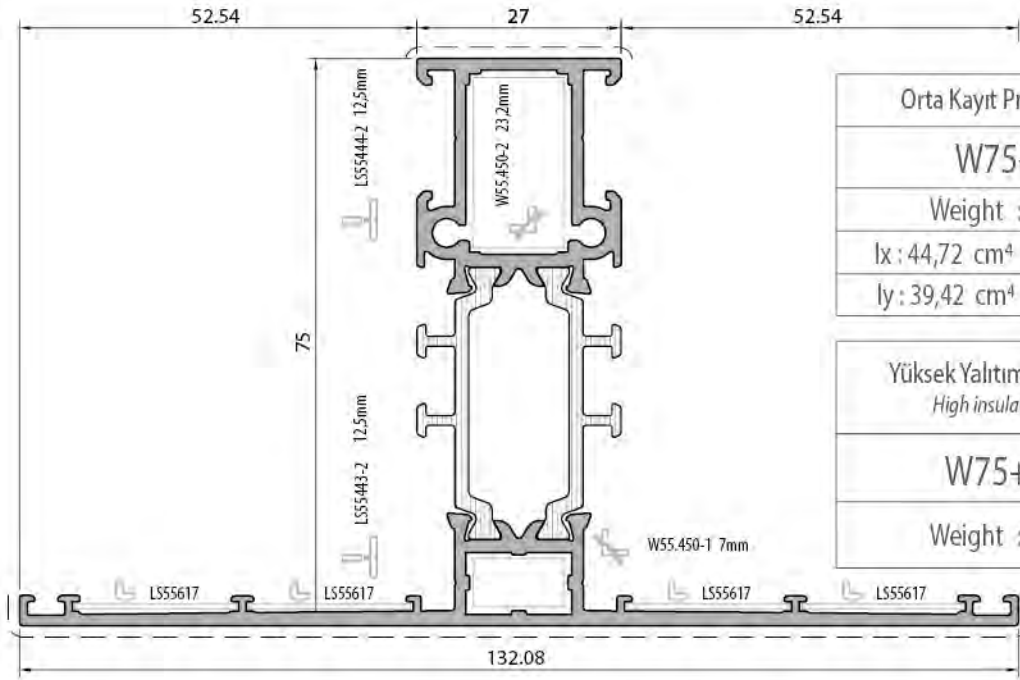
W75+15.210h

Weight : 1,840 kg/m



W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Orta Kayıt Profili / Mullion profile

W75+15.211

Weight :1,788 kg/m

Ix : 44,72 cm⁴

Wx : 6,77 cm³

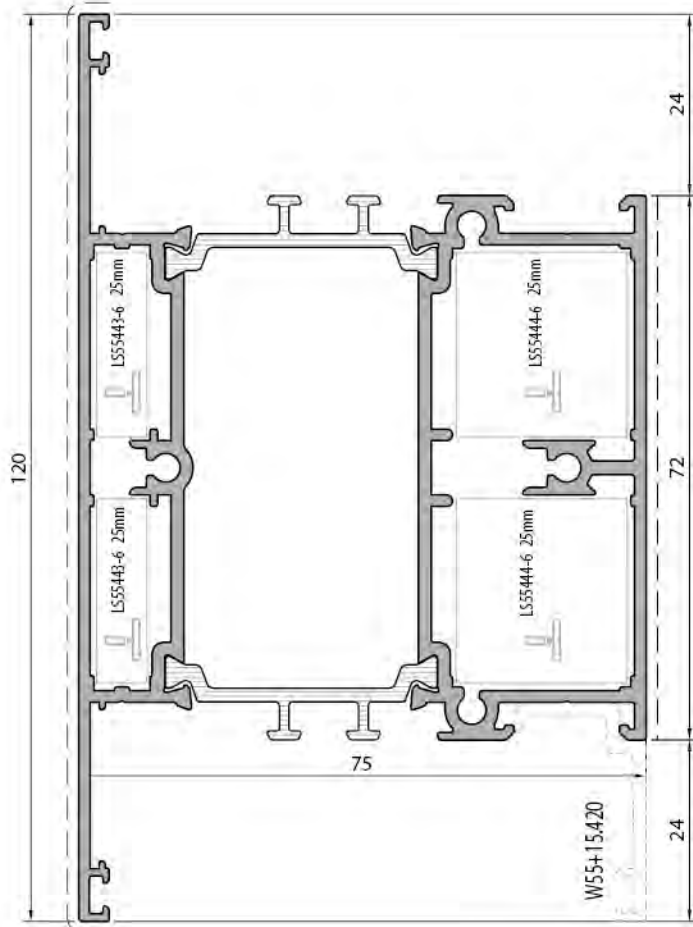
Iy : 39,42 cm⁴

Wy : 7,99 cm³

Yüksek Yalıtımlı Orta Kayıt Profili
High insulated mullion profile

W75+15.210h

Weight :2,014 kg/m



Orta Kayıt Etek Profili
Mullion+bottom sash profile

W75+15.216

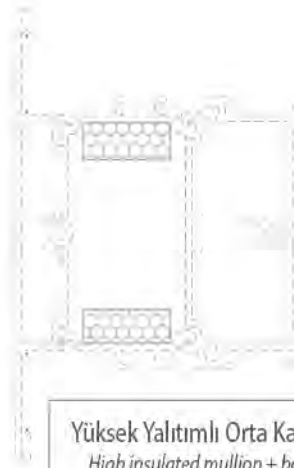
Weight :2,432 kg/m

Ix : 64,69 cm⁴

Wx : 15,83 cm³

Iy : 57,55 cm⁴

Wy : 9,60 cm³

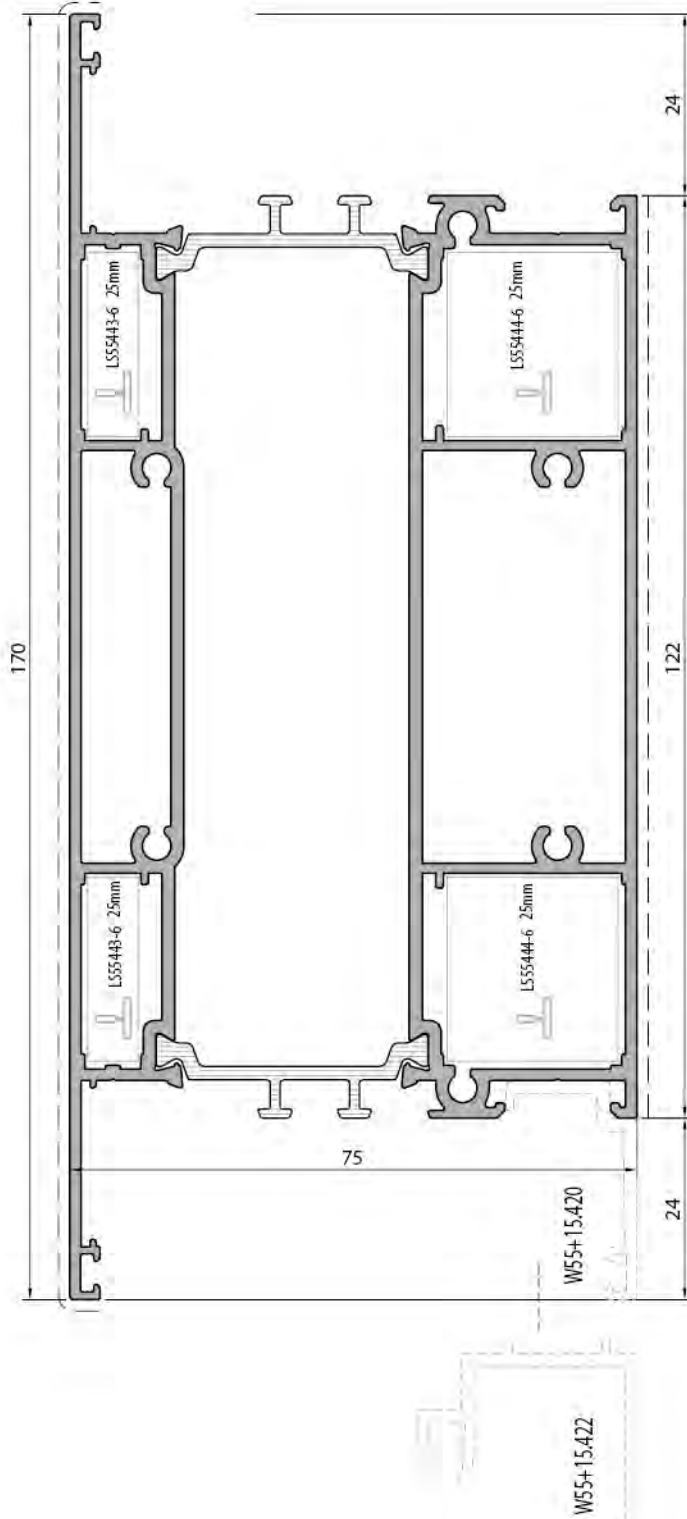


Yüksek Yalıtımlı Orta Kayıt +Etek Profili
High insulated mullion + bottom sash profile

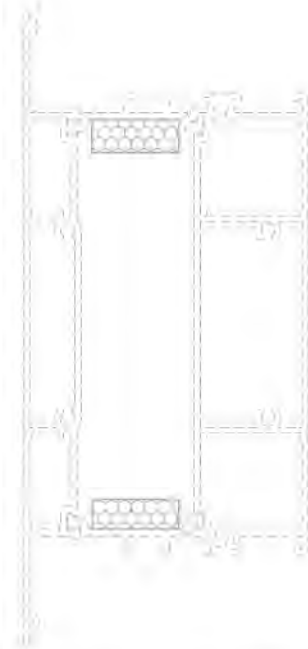
W75+15.216h

Weight :2,884 kg/m

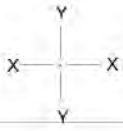
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Orta Kayıt Etek Profili <i>Mullion+bottom sash profile</i>	
W75+15.215	
Weight : 3,537 kg/m	
$I_x : 95,30 \text{ cm}^4$	$W_x : 23,53 \text{ cm}^3$
$I_y : 210,90 \text{ cm}^4$	$W_y : 24,81 \text{ cm}^3$

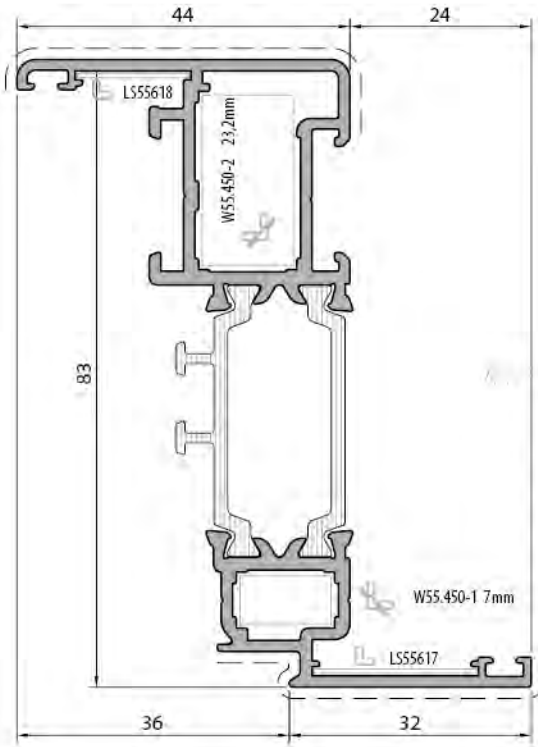


Yüksek Yalıtımlı Orta Kayıt + Etek Profili <i>High insulated mullion + bottom sash profile</i>	
W75+15.215h	
Weight : 3,989 kg/m	



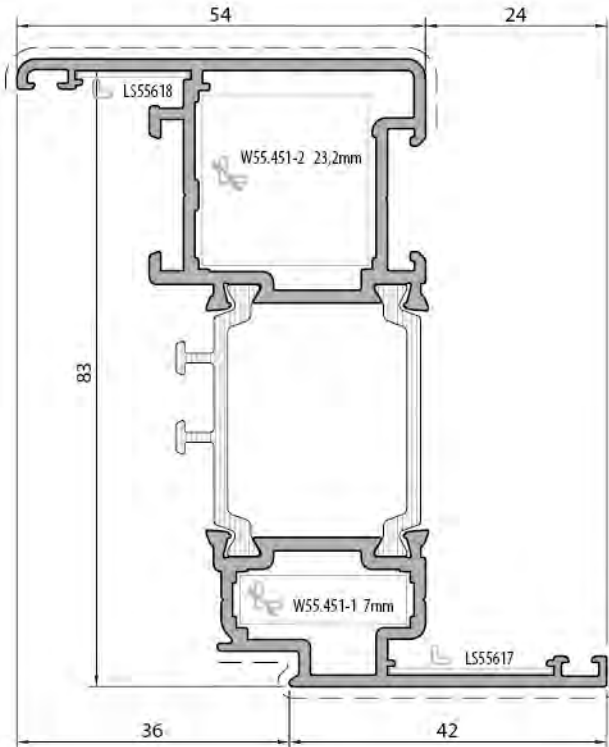
W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kanat Profili (içe açılır) Sash profile (inward opening)	
W75+15.301	
Weight : 1,405 kg/m	
Ix : 41,28 cm ⁴	Wx : 9,29 cm ³
Iy : 4,45 cm ⁴	Wy : 1,28 cm ³

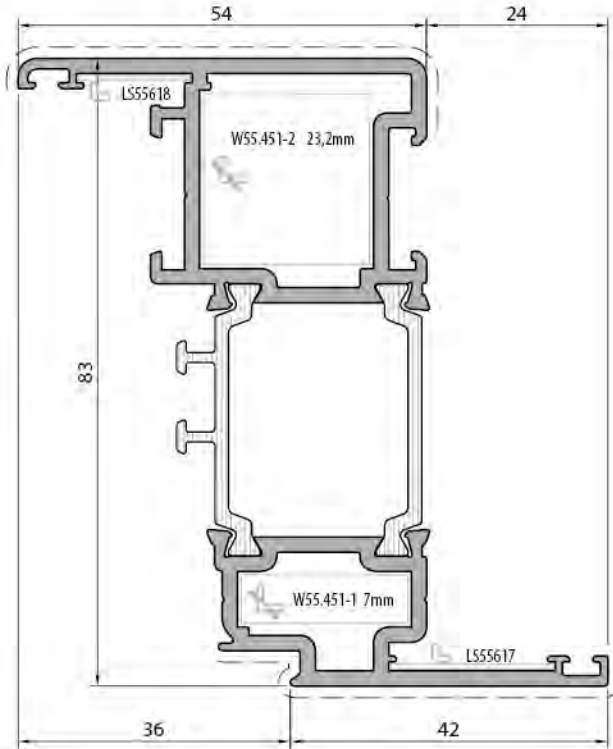
Yüksek Yalıtımlı Kanat Profili High insulated sash profile	
W75+15.301h	
Weight : 1,631 kg/m	



Kanat Profili (içe açılır) Sash profile (inward opening)	
W75+15.302	
Weight : 1,602 kg/m	
Ix : 50,26 cm ⁴	Wx : 12,69 cm ³
Iy : 8,83 cm ⁴	Wy : 2,05 cm ³

Yüksek Yalıtımlı Kanat Profili High insulated sash profile	
W75+15.302h	
Weight : 2,047 kg/m	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Kanat Profili (içe açılır)
Sash profile (inward opening)

W75+20.302

Weight : 1,808 kg/m

Ix : 59,49 cm⁴

Wx : 13,05 cm³

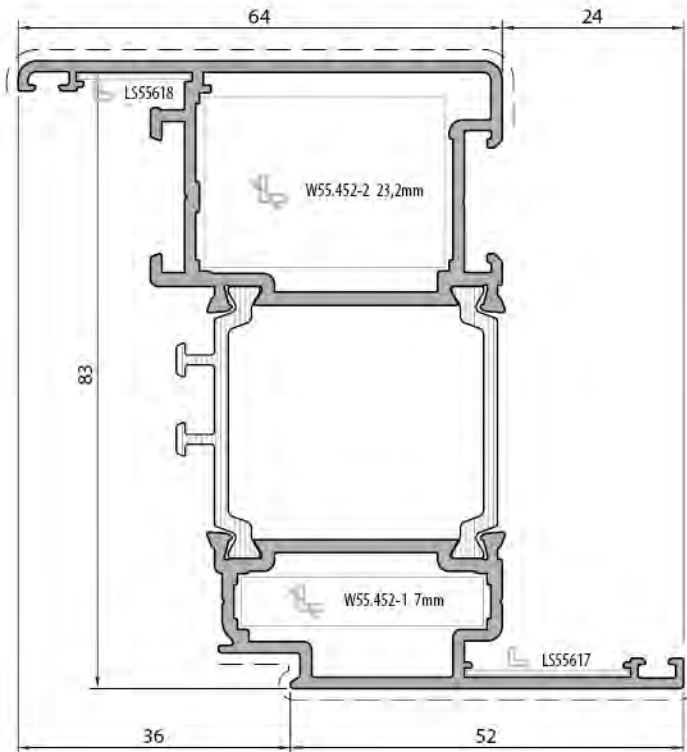
Iy : 10,08 cm⁴

Wy : 2,56 cm³

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

W75+20.302h

Weight : 2,253 kg/m



Kanat Profili (içe açılır)
Sash profile (inward opening)

W75+15.303

Weight : 1,775 kg/m

Ix : 53,15 cm⁴

Wx : 12,50 cm³

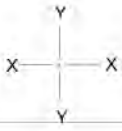
Iy : 15,29 cm⁴

Wy : 3,42 cm³

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

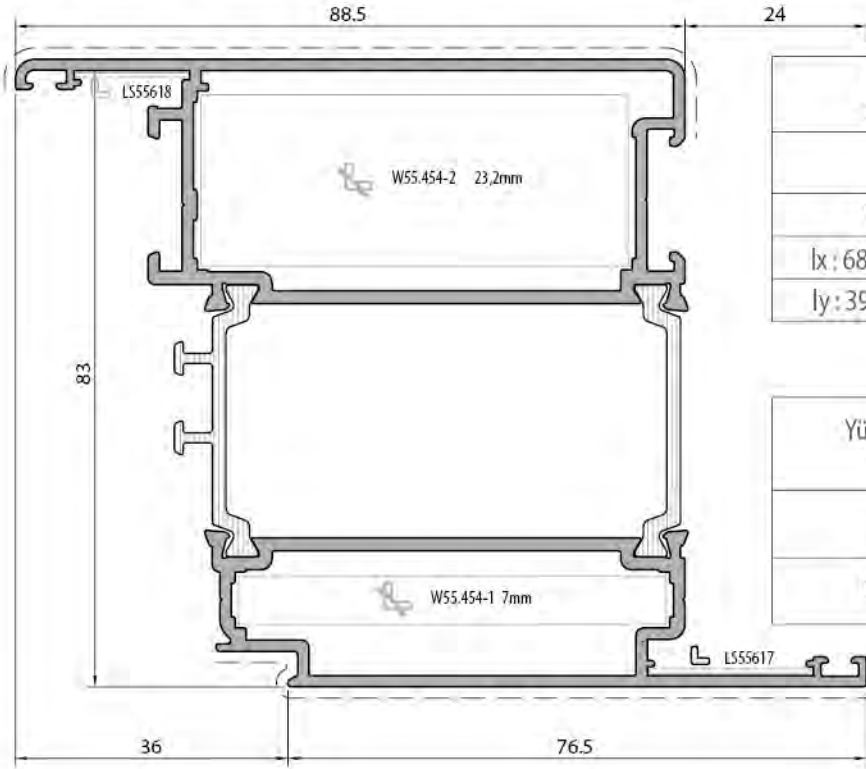
W75+20.303h

Weight : 2,439 kg/m



W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kanat Profili (içe açılır)
Sash profile (inward opening)

W75+15.304

Weight : 2,198 kg/m

Ix : 68,27 cm⁴

Wx : 12,02 cm³

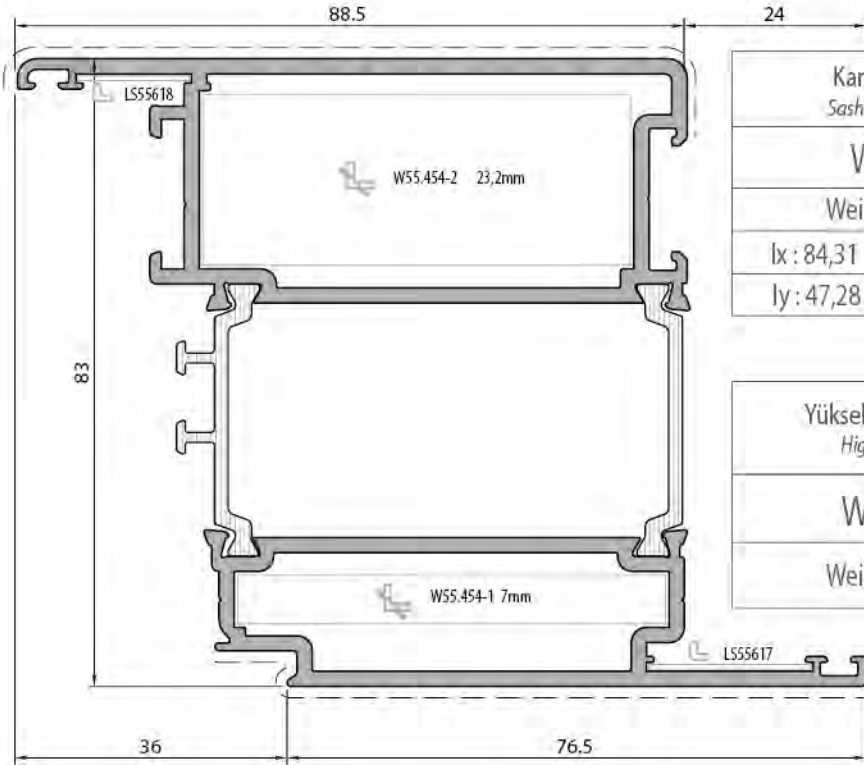
Iy : 39,61 cm⁴

Wy : 9,53 cm³

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

W75+15.304h

Weight : 2,650 kg/m



Kanat Profili (içe açılır)
Sash profile (inward opening)

W75+20.304

Weight : 2,548 kg/m

Ix : 84,31 cm⁴

Wx : 20,21 cm³

Iy : 47,28 cm⁴

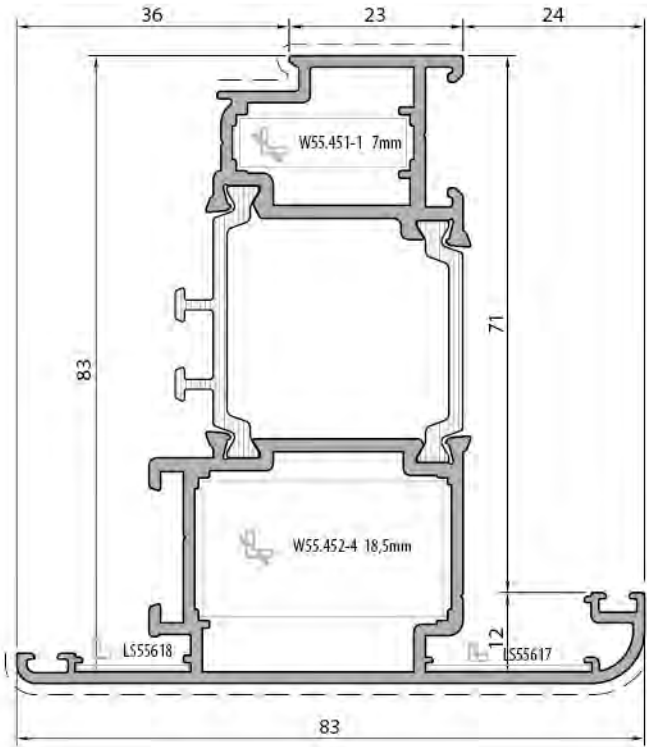
Wy : 8,46 cm³

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

W75+20.304h

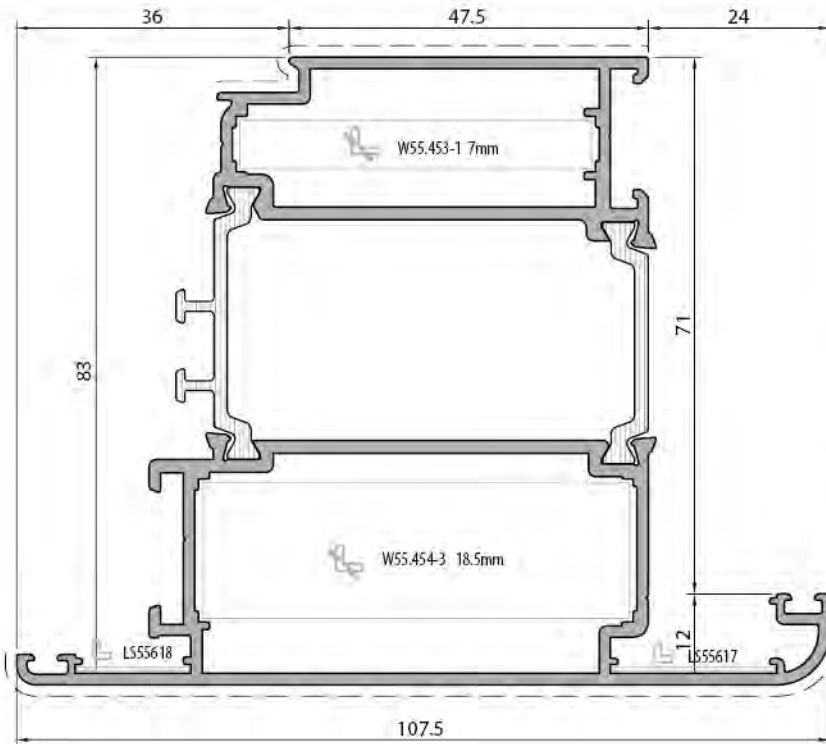
Weight : 2,650 kg/m

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



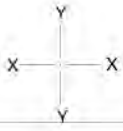
Kanat Profili (dışa açılır) Sash profile (outward opening)	
W75+15.310	
Weight : 1,776 kg/m	
$I_x : 49,36 \text{ cm}^4$	$W_x : 13,42 \text{ cm}^3$
$I_y : 19,13 \text{ cm}^4$	$W_y : 4,51 \text{ cm}^3$

Yüksek Yalıtımlı Kanat Profili High insulated sash profile	
W75+15.310h	
Weight : 2,221 kg/m	



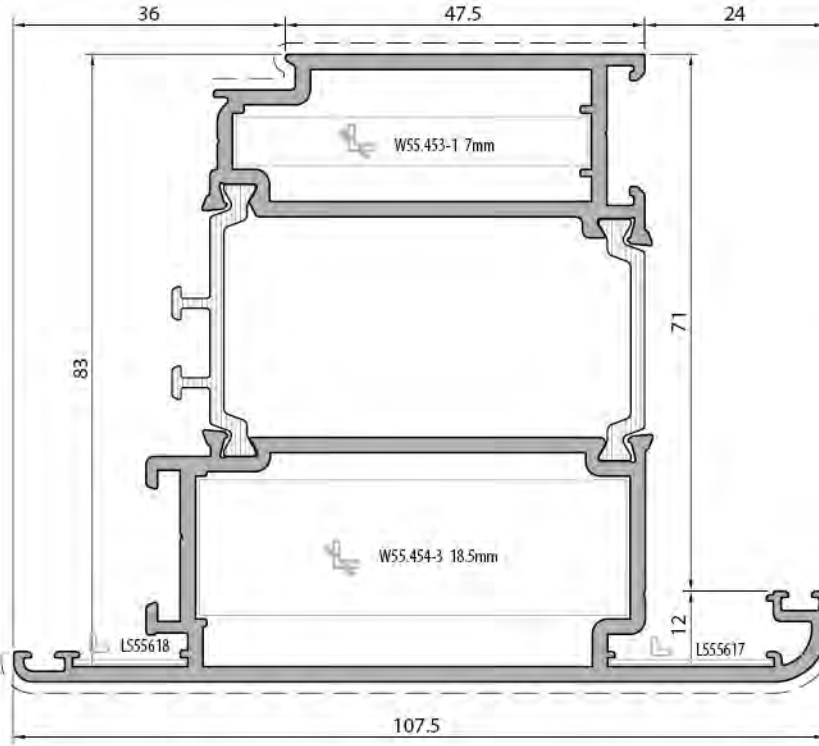
Kanat Profili (dışa açılır) Sash profile (outward opening)	
W75+15.311	
Weight : 2,199 kg/m	
$I_x : 65,08 \text{ cm}^4$	$W_x : 13,84 \text{ cm}^3$
$I_y : 49,91 \text{ cm}^4$	$W_y : 9,11 \text{ cm}^3$

Yüksek Yalıtımlı Kanat Profili High insulated sash profile	
W75+15.311h	
Weight : 2,651 kg/m	



W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

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Kanat Profili (dışa açılır)
Sash profile (outward opening)

W75+20.311

Weight : 2,551 kg/m

$I_x : 78,96 \text{ cm}^4$

$W_x : 16,57 \text{ cm}^3$

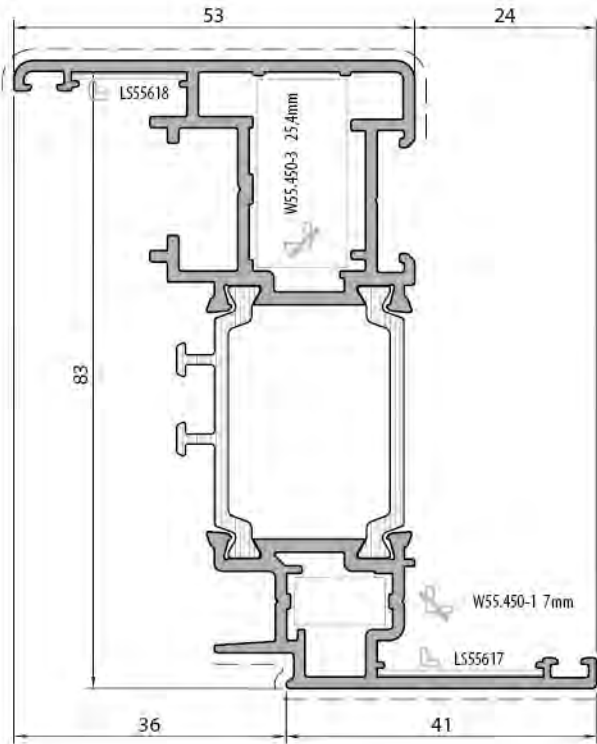
$I_y : 57,55 \text{ cm}^4$

$W_y : 10,48 \text{ cm}^3$

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

W75+20.311h

Weight : 2,221 kg/m



Kanat Profili (içe açılır)
Sash profile (inward opening)

W75+15.316

Weight : 1,623 kg/m

$I_x : 46,64 \text{ cm}^4$

$W_x : 10,55 \text{ cm}^3$

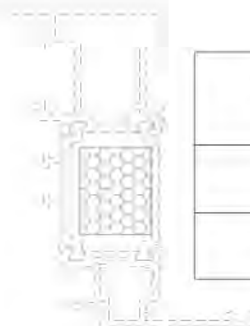
$I_y : 7,58 \text{ cm}^4$

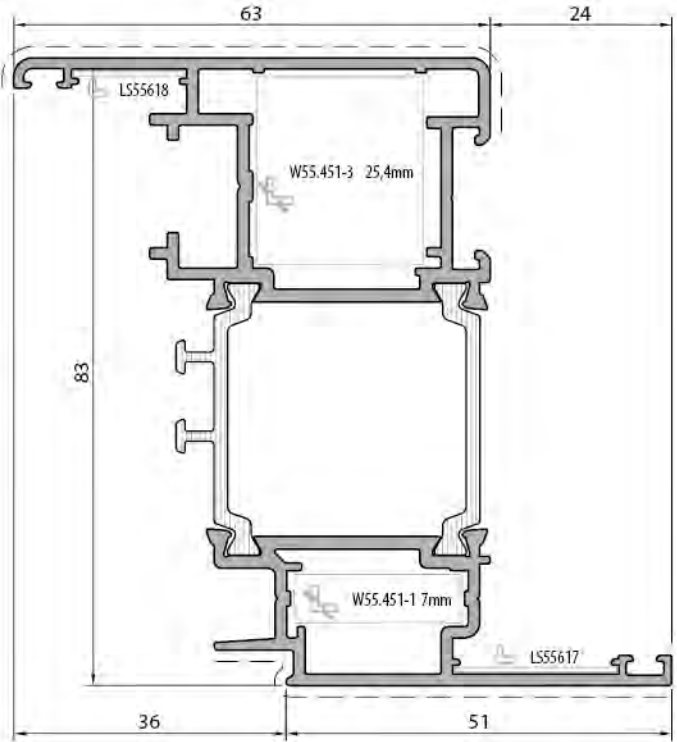
$W_y : 1,96 \text{ cm}^3$

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

W75+15.316h

Weight : 1,849 kg/m





Kanat Profili (içe açılır)
Sash profile (inward opening)

W75+15.317

Weight : 1,796 kg/m

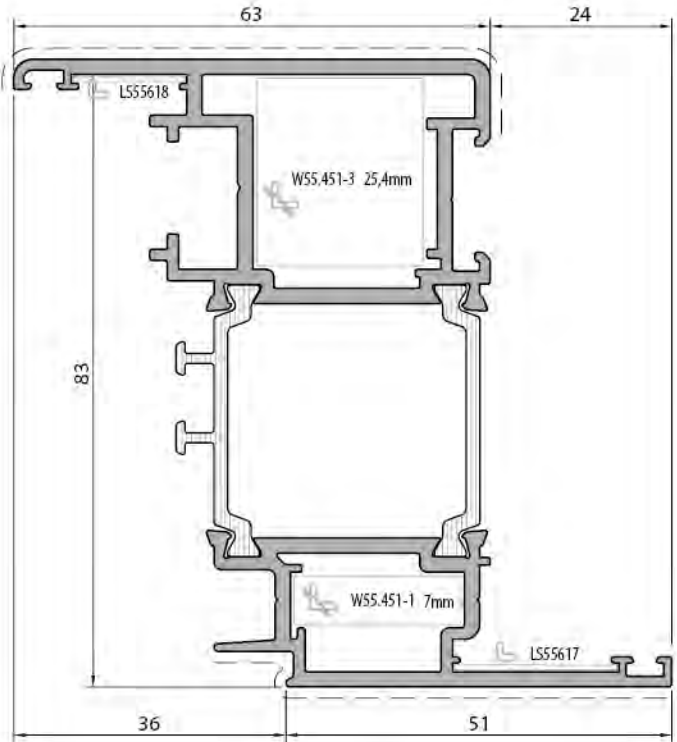
Ix : 53,28 cm⁴ Wx : 15,55 cm³

Iy : 13,58 cm⁴ Wy : 3,11 cm³

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

W75+15.317h

Weight : 2,241 kg/m



Kanat Profili (içe açılır)
Sash profile (inward opening)

W75+20.317

Weight : 1,990 kg/m

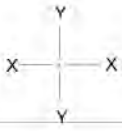
Ix : 69,14 cm⁴ Wx : 17,72 cm³

Iy : 15,16 cm⁴ Wy : 3,47 cm³

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

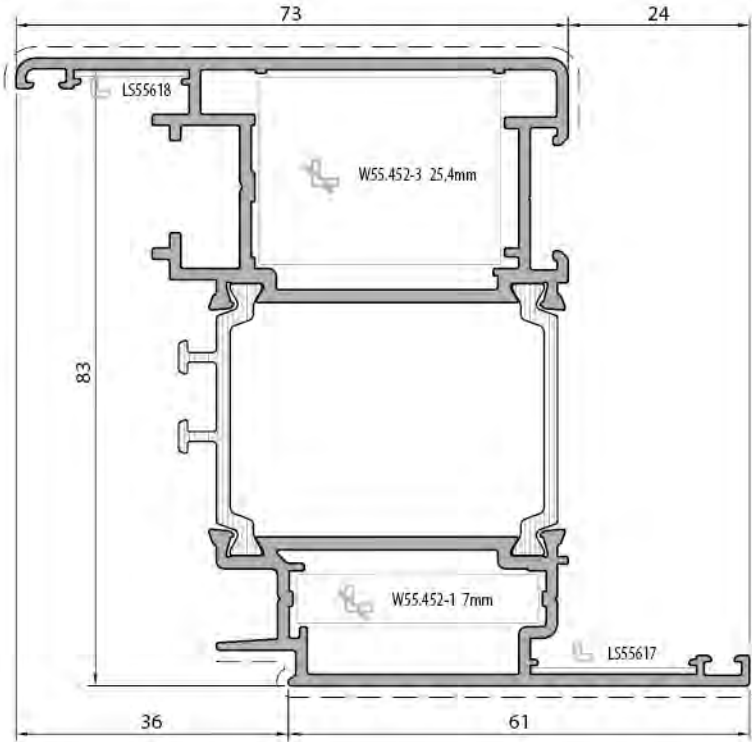
W75+20.317h

Weight : 2,435 kg/m



W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Kanat Profili (içe açılır)
Sash profile (inward opening)

W75+15.318

Weight : 1,969 kg/m

Ix : 59,63 cm⁴

Wx : 17,75 cm³

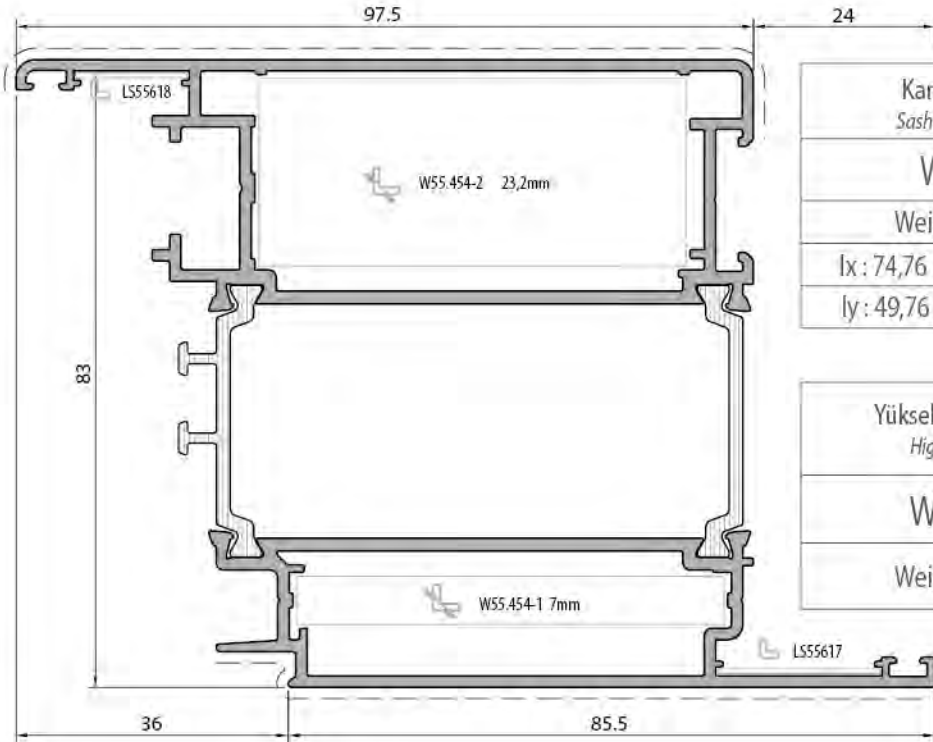
Iy : 21,84 cm⁴

Wy : 4,48 cm³

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

W75+15.318h

Weight : 2,633 kg/m



Kanat Profili (içe açılır)
Sash profile (inward opening)

W75+15.319

Weight : 2,392 kg/m

Ix : 74,76 cm⁴

Wx : 23,06 cm³

Iy : 49,76 cm⁴

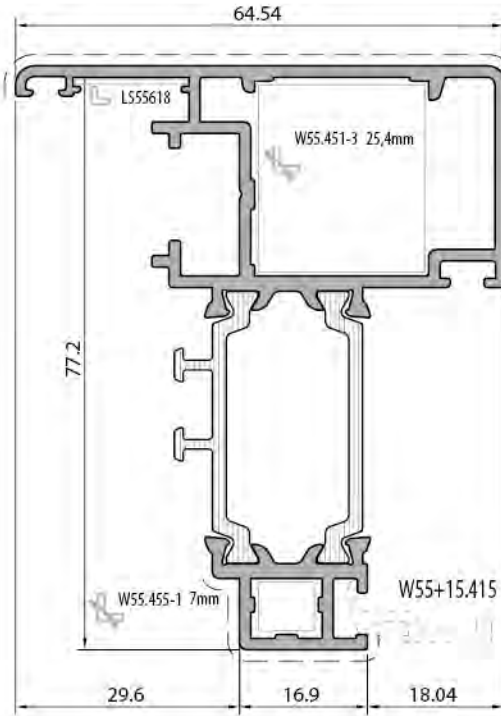
Wy : 8,13 cm³

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

W75+15.319h

Weight : 2,844 kg/m

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Kanat Profili (gizli kanat)
Sash profile (hidden sash)

W75+15.320

Weight : 1,467 kg/m

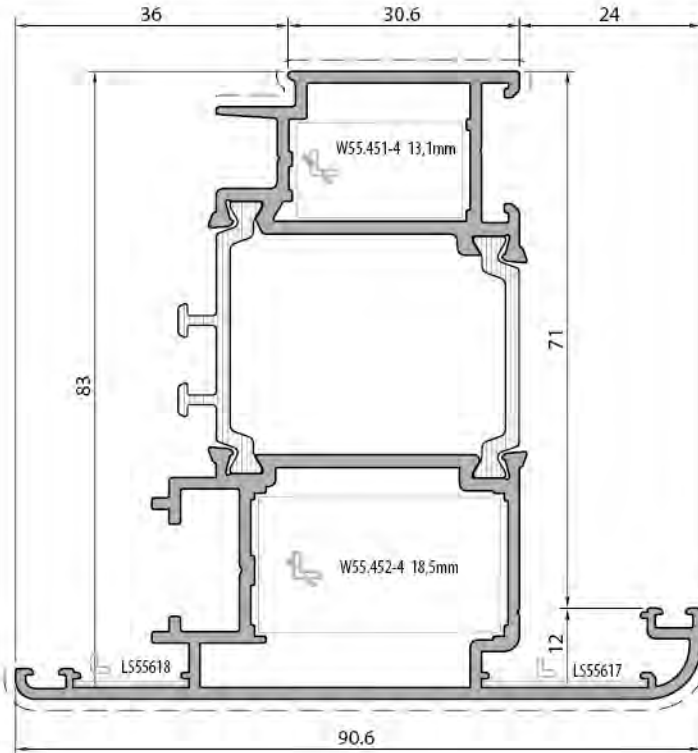
Ix : 531,39 cm⁴ Wx : 6,51 cm³

Iy : 10,52 cm⁴ Wy : 2,81 cm³

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

W75+15.318h

Weight : 1,693 kg/m



Kanat Profili (dışa açılır)
Sash profile (outward opening)

W75+15.325

Weight : 1,922 kg/m

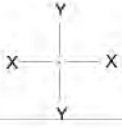
Ix : 53,94 cm⁴ Wx : 10,93 cm³

Iy : 25,26 cm⁴ Wy : 5,43 cm³

Yüksek Yalıtımlı Kanat Profili
High insulated sash profile

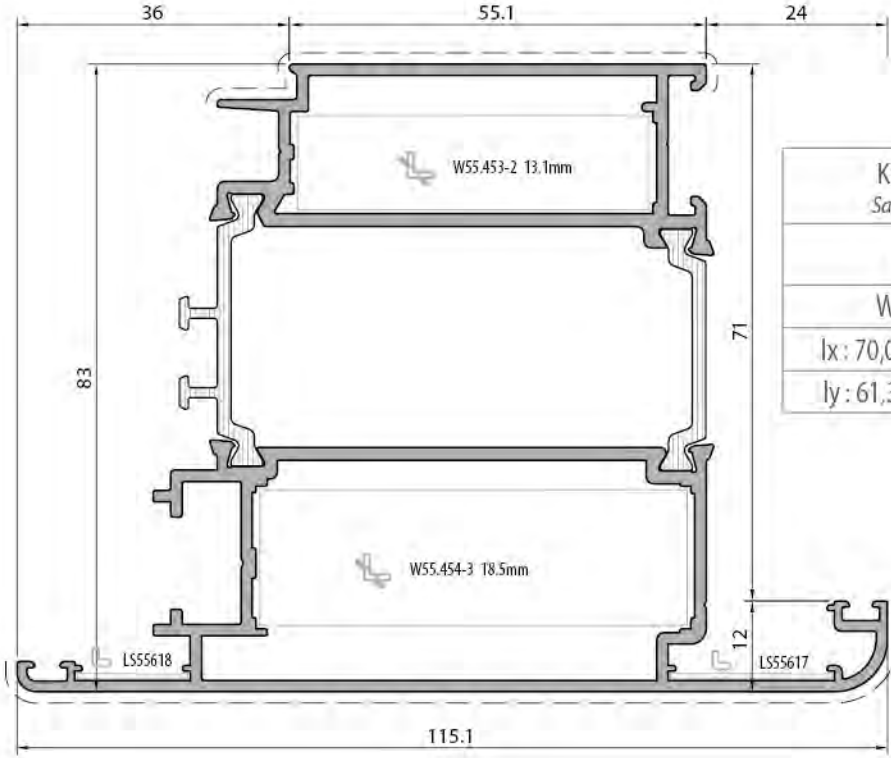
W75+15.325h

Weight : 2,374 kg/m

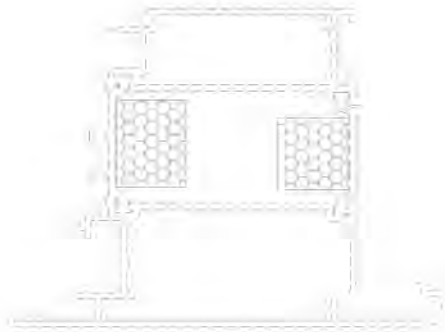


W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

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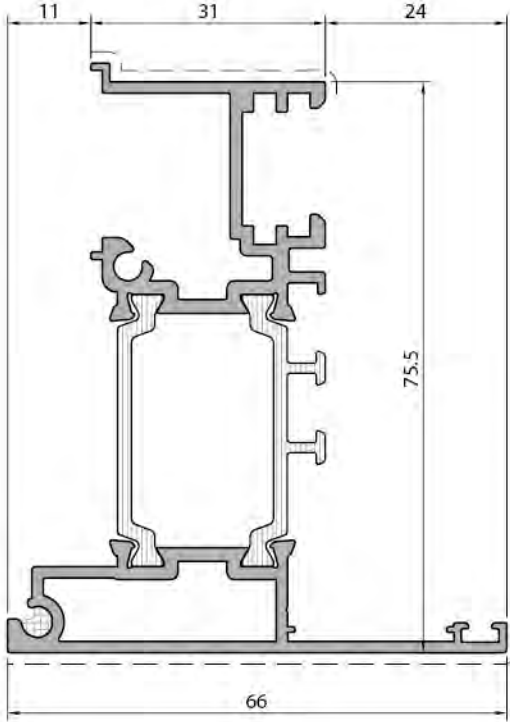


Kanat Profili (dışa açılır) Sash profile (outward opening)	
W75+15.326	
Weight : 2,349 kg/m	
lx : 70,06 cm ⁴	Wx : 14,88 cm ³
ly : 61,36 cm ⁴	Wy : 10,46 cm ³



Yüksek Yalıtımlı Kanat Profili High insulated sash profile	
W75+15.326h	
Weight : 2,801 kg/m	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Çift Kanat Adaptör Profili
Double sash adapter profile

W75+15.401

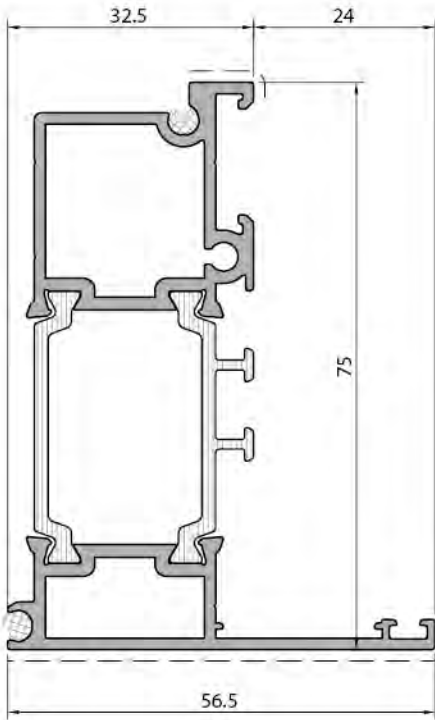
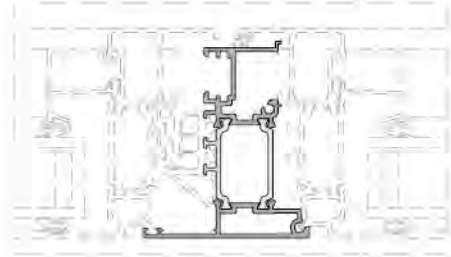
Weight : 1,344 kg/m



Yüksek Yalıtımlı Çift Kanat Adaptör Profili
High insulated double sash adapter profile

W75+15.401h

Weight : 1,570 kg/m



Kasa Adaptör Profili
Double sash adapter profile

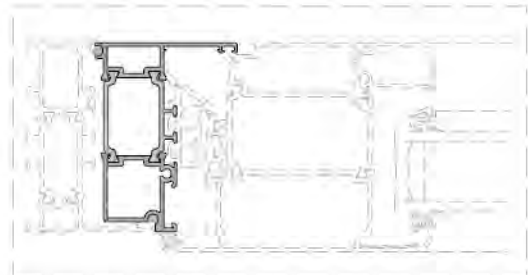
W75+15.402

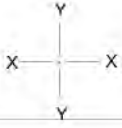
Weight : 1,223 kg/m

Yüksek Yalıtımlı Kasa Adaptör Profili
High insulated frame adapter profile

W75+15.402h

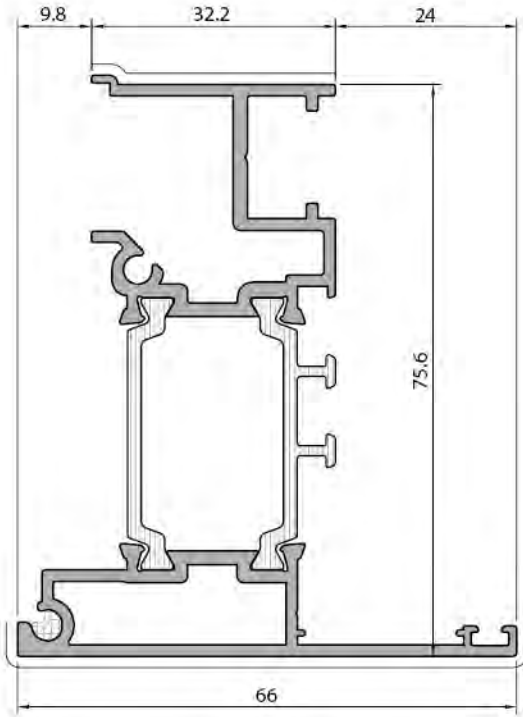
Weight : 1,449 kg/m





W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

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Çift Kanat Adaptör Profili
Double sash adapter profile

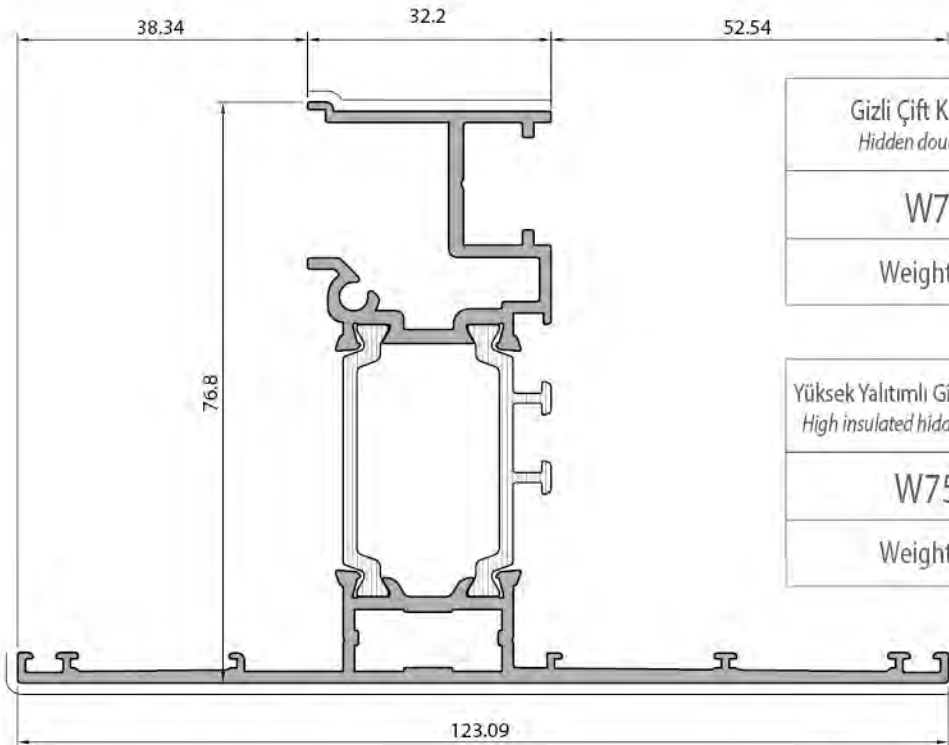
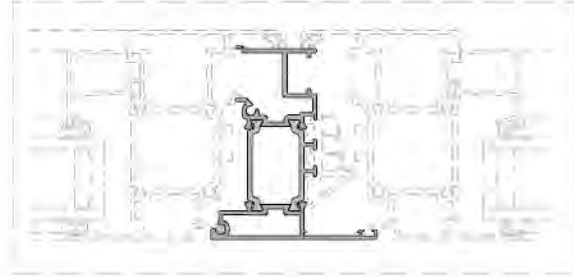
W75+15.403

Weight : 1,326 kg/m

Yüksek Yalıtımlı Çift Kanat Adaptör Profili
High insulated double sash adapter profile

W75+15.403h

Weight : 1,552 kg/m



Gizli Çift Kanat Adaptör Profili
Hidden double sash adapter profile

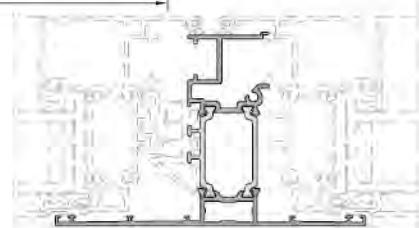
W75+15.410

Weight : 1,577 kg/m

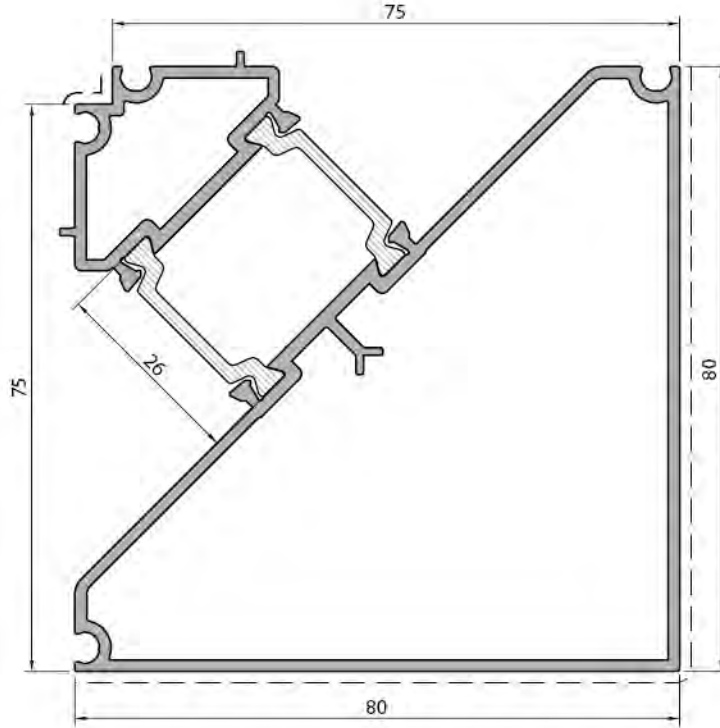
Yüksek Yalıtımlı Gizli Çift Kanat Adaptör Profili
High insulated hidden double sash adapter profile

W75+15.410h

Weight : 1,803 kg/m



Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



Köşe Profili / corner profile 90°

W75+.15.411

Weight : 1,900 kg/m

$I_x : 50,04 \text{ cm}^4$

$W_x : 9,06 \text{ cm}^3$

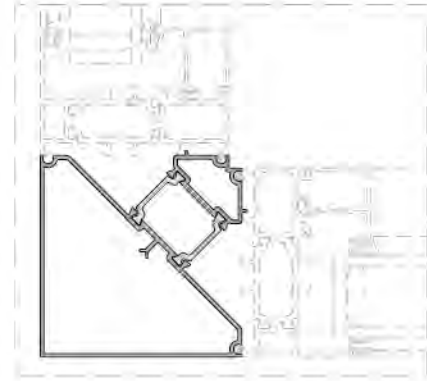
$I_y : 47,50 \text{ cm}^4$

$W_y : 8,38 \text{ cm}^3$

Yüksek Yalıtımlı Köşe Profili
High insulated corner profile

W75+15.411h

Weight : 2,100 kg/m



Köşe Profili / corner profile 135°

W75+.15.412

Weight : 1,303 kg/m

$I_x : 26,15 \text{ cm}^4$

$W_x : 5,56 \text{ cm}^3$

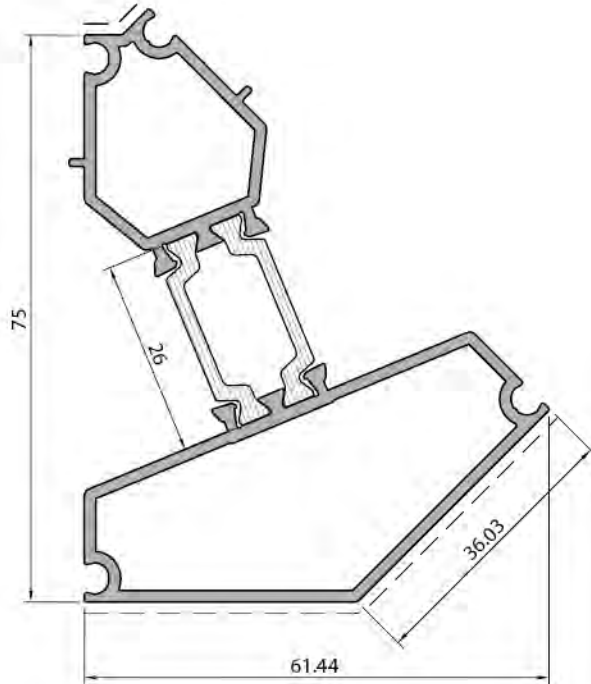
$I_y : 10,48 \text{ cm}^4$

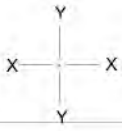
$W_y : 3,15 \text{ cm}^3$

Yüksek Yalıtımlı Köşe Profili
High insulated corner profile

W75+15.412h

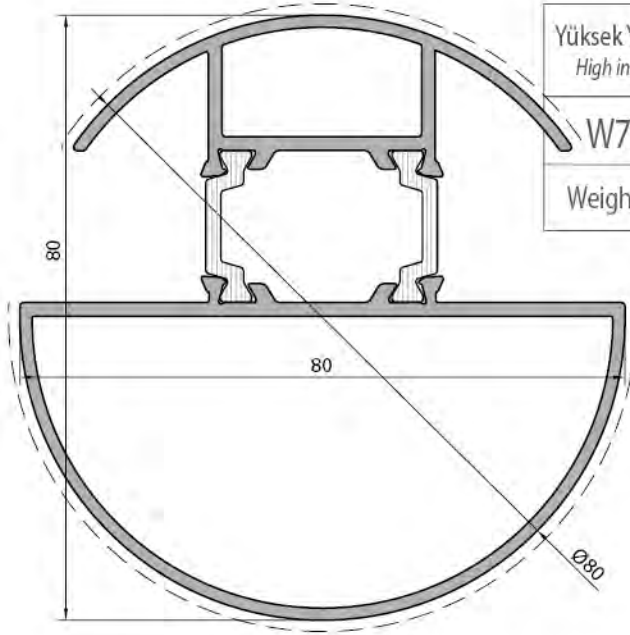
Weight : 1,503 kg/m





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Yüksek Yalıtımlı Köşe Profili
High insulated corner profile

W75+15.443h

Weight : 1,964 kg/m

Köşe Profili / corner profile

W75+15.443

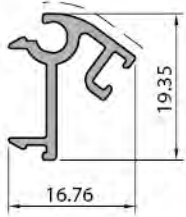
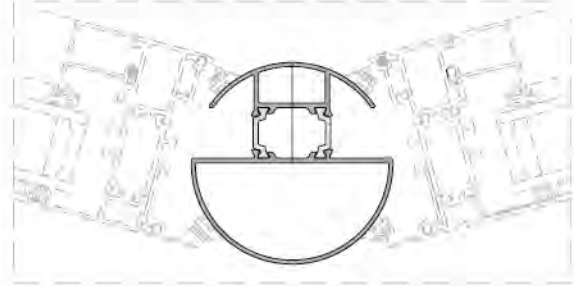
Weight : 1,804 kg/m

Ix : 35,82 cm⁴

Wx : 8,14 cm³

Iy : 29,71 cm⁴

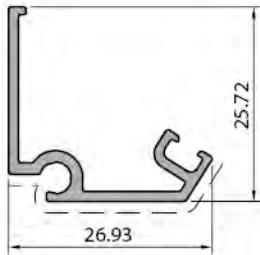
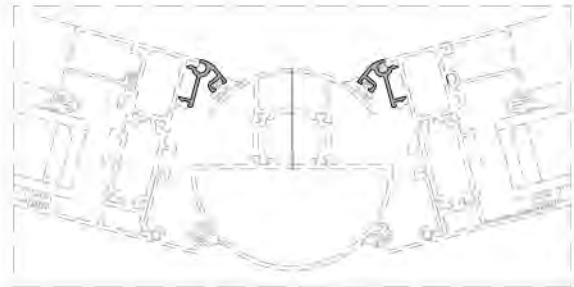
Wy : 7,42 cm³



Köşe Adaptörü
Corner adapter

W75+15.444

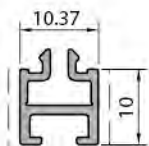
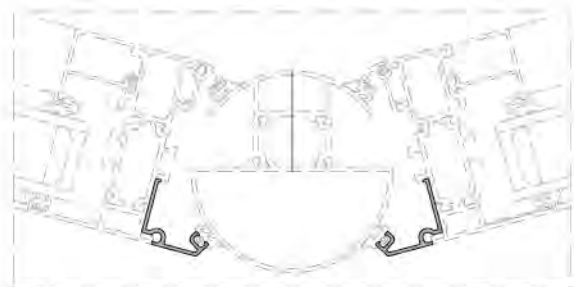
Weight : 0,129 kg/m



Köşe Adaptörü
Corner adapter

W75+15.445

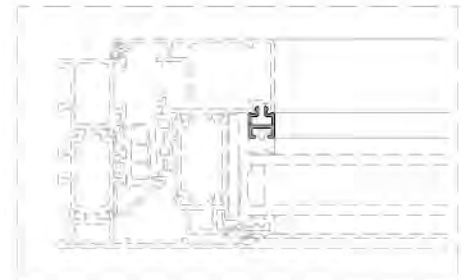
Weight : 0,129 kg/m



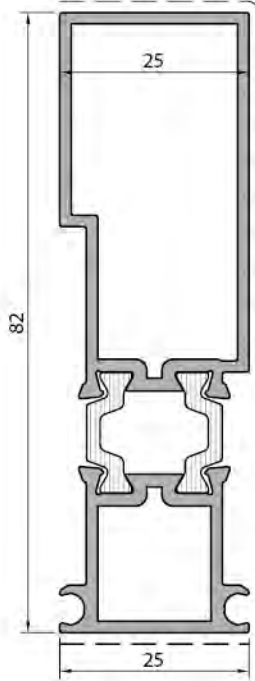
Tek Cam Adaptör Profili
Single glazing adapter profile

FC.50.516

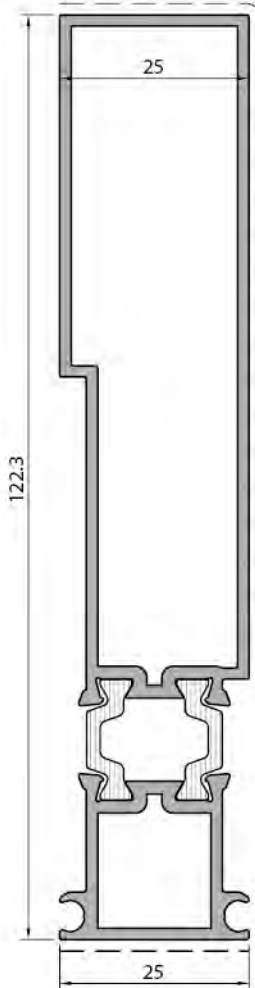
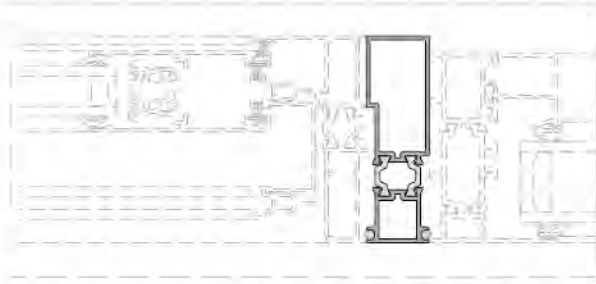
Weight : 0,129 kg/m



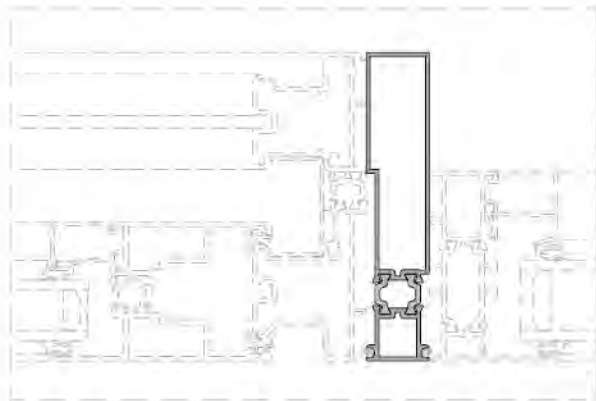
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

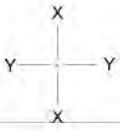


Birleşim Profili / connection profile	
W55+.15.413	
Weight : 1,164 kg/m	
$I_x : 27,07 \text{ cm}^4$	$W_x : 21,20 \text{ cm}^3$
$I_y : 2,94 \text{ cm}^4$	$W_y : 0,67 \text{ cm}^3$



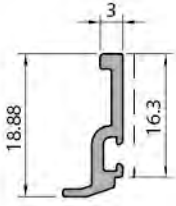
Birleşim Profili / connection profile	
W55+.15.414	
Weight : 1,490 kg/m	
$I_x : 78,86 \text{ cm}^4$	$W_x : 61,03 \text{ cm}^3$
$I_y : 4,38 \text{ cm}^4$	$W_y : 0,66 \text{ cm}^3$





W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

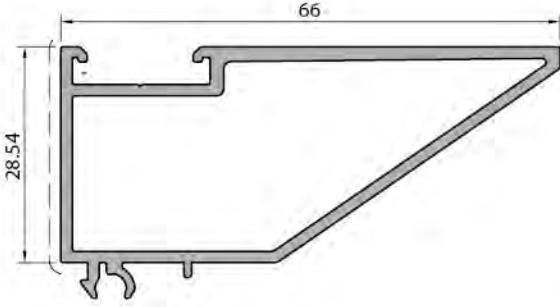
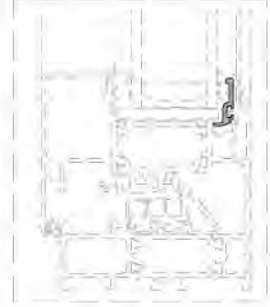
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Cam Çıtası Profili
Glazing bead profile

W55+15.415

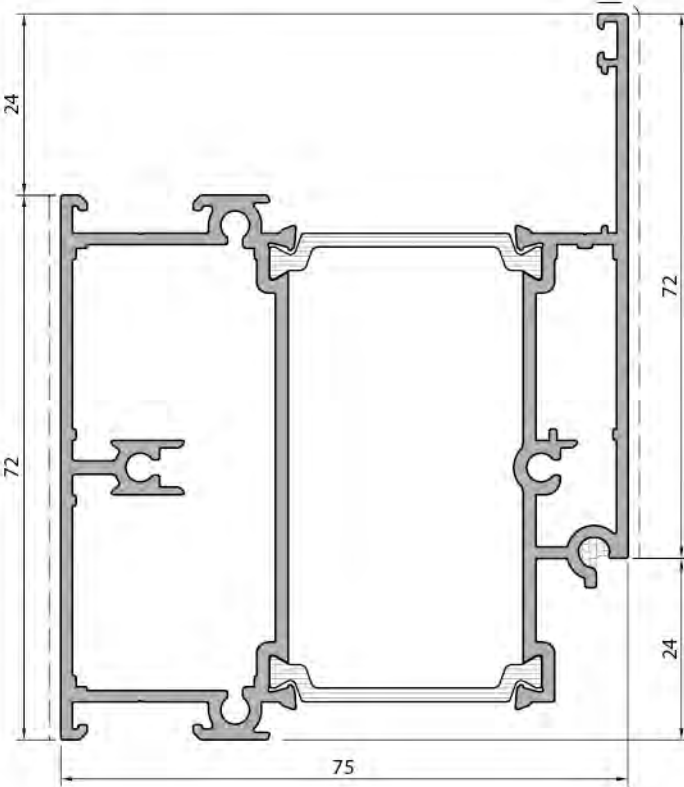
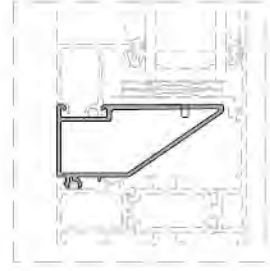
Weight : 0,108 kg/m



Kasa-Cam Çıta Adaptör Pr.
Frame-glazing bead adapter

W55+15.416

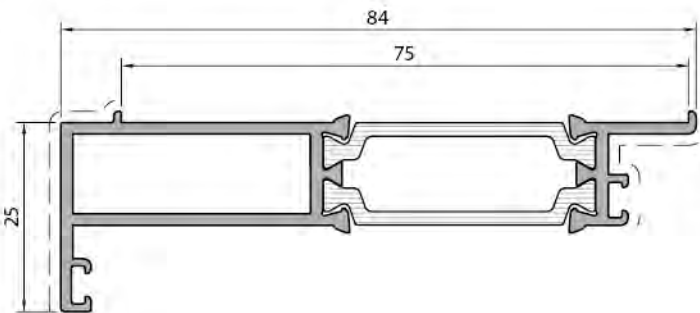
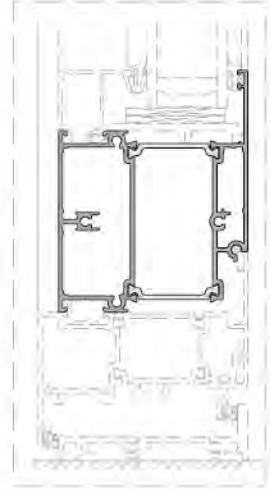
Weight : 0,768 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.417

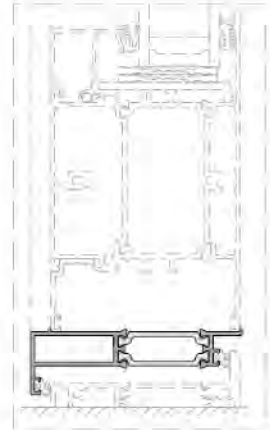
Weight : 2,081 kg/m



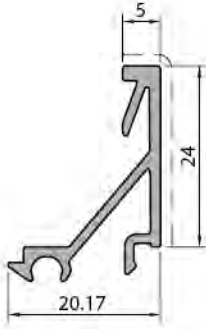
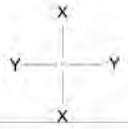
Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.418

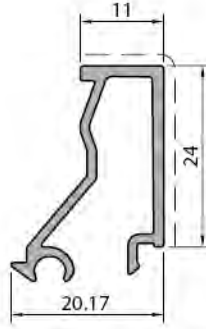
Weight : 0,801 kg/m



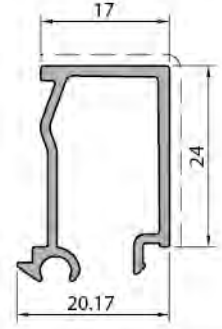
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.



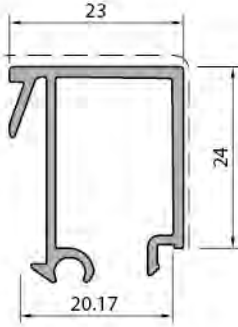
Cam Çıtası Profili Glazing bead profile
LS55430
Weight : 0,258 kg/m



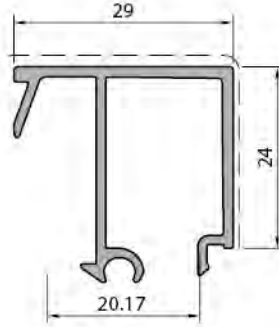
Cam Çıtası Profili Glazing bead profile
LS55431
Weight : 0,282 kg/m



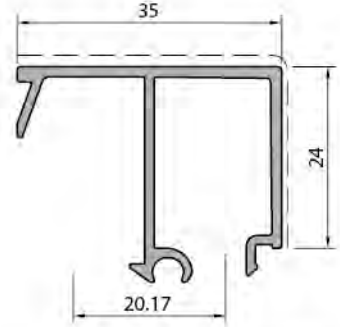
Cam Çıtası Profili Glazing bead profile
LS55432
Weight : 0,294 kg/m



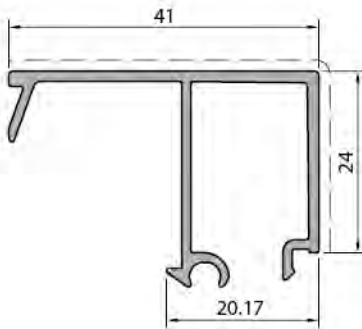
Cam Çıtası Profili Glazing bead profile
LS55433
Weight : 0,341 kg/m



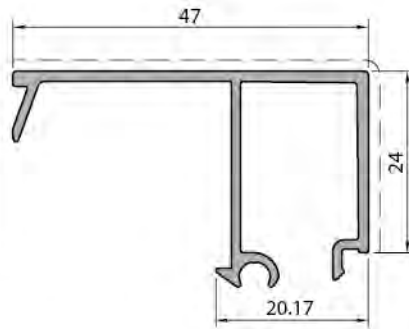
Cam Çıtası Profili Glazing bead profile
LS55434
Weight : 0,363 kg/m



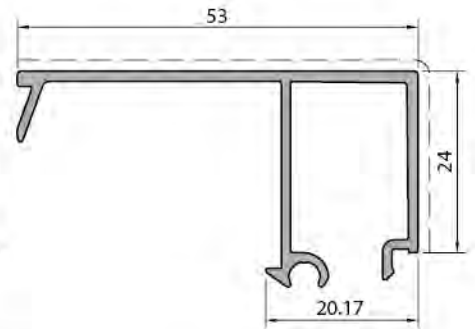
Cam Çıtası Profili Glazing bead profile
LS55435
Weight : 0,385 kg/m



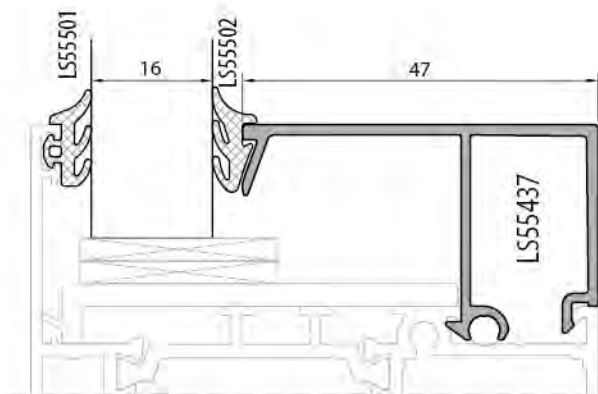
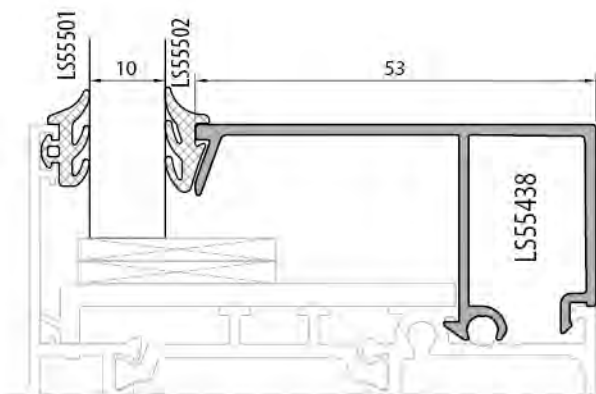
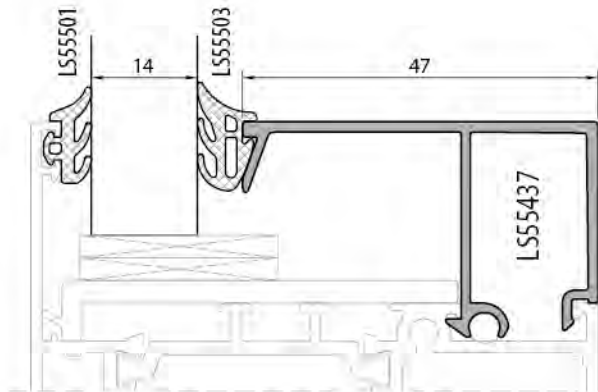
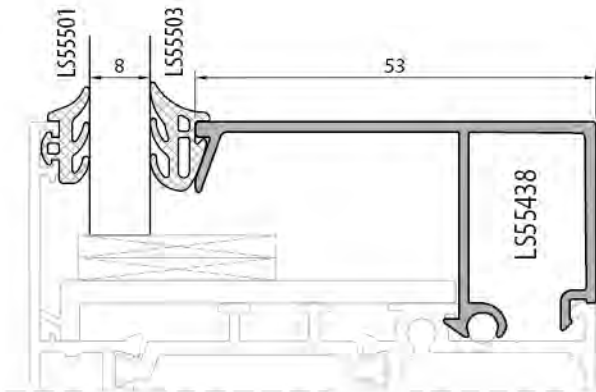
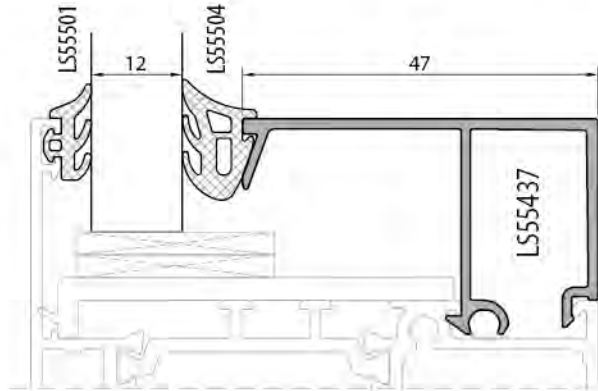
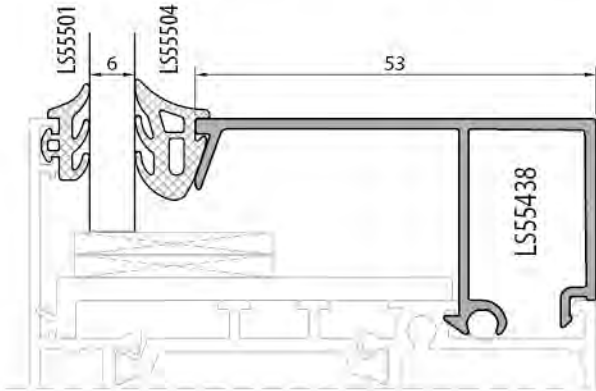
Cam Çıtası Profili Glazing bead profile
LS55436
Weight : 0,408 kg/m

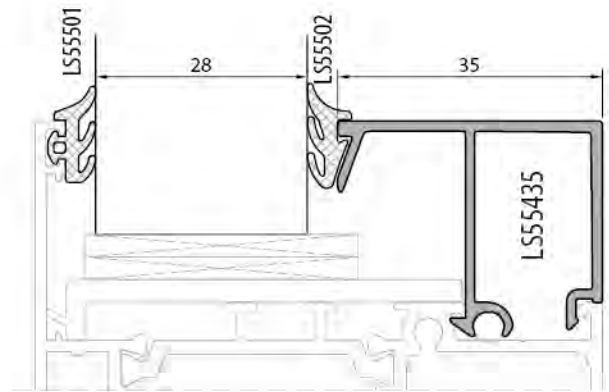
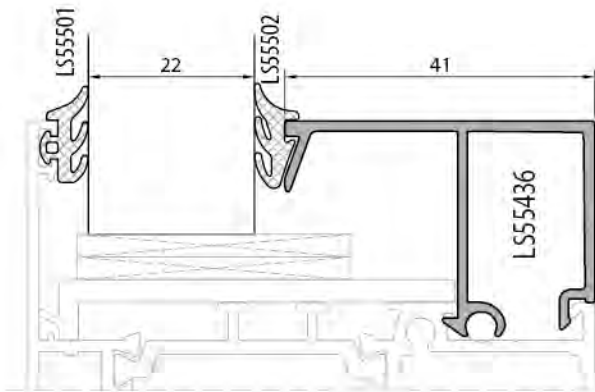
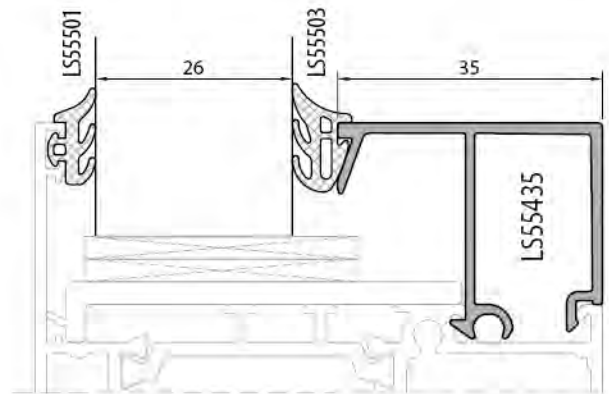
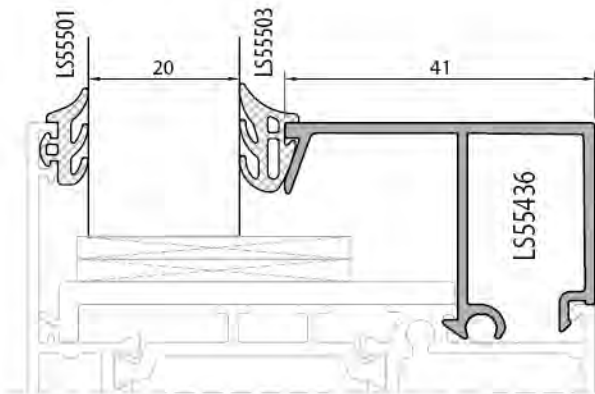
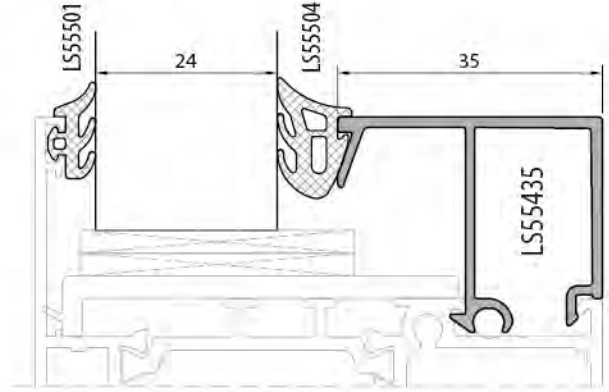
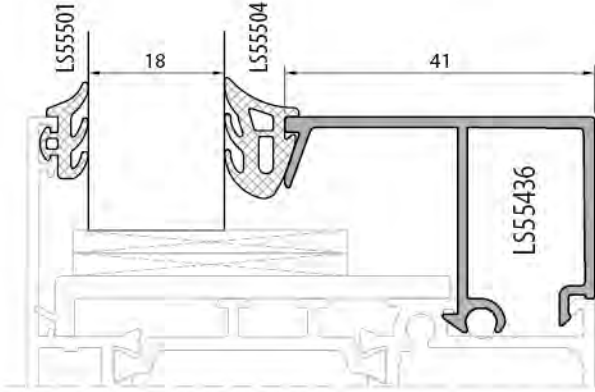


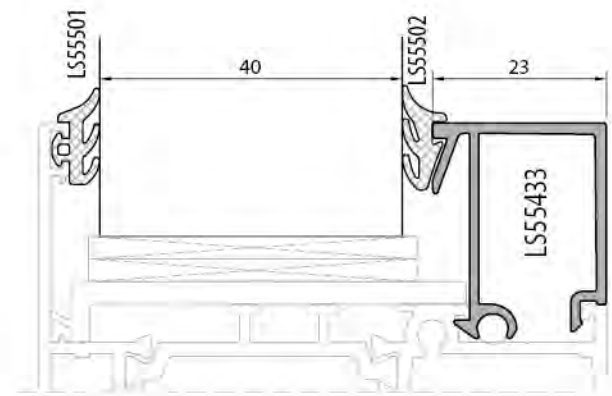
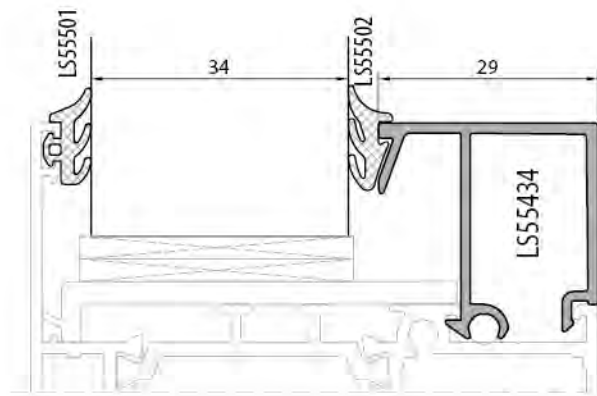
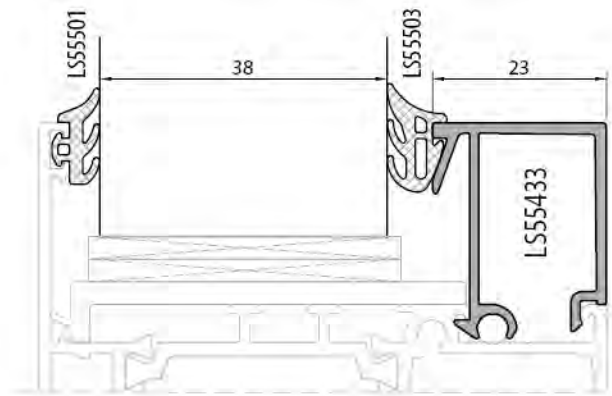
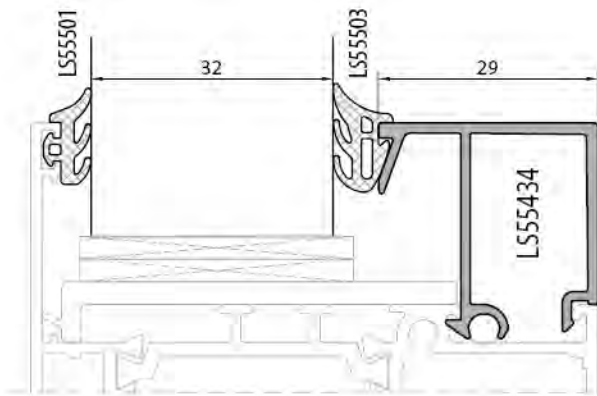
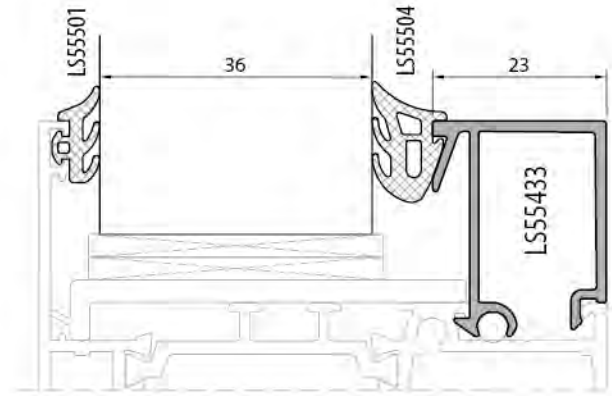
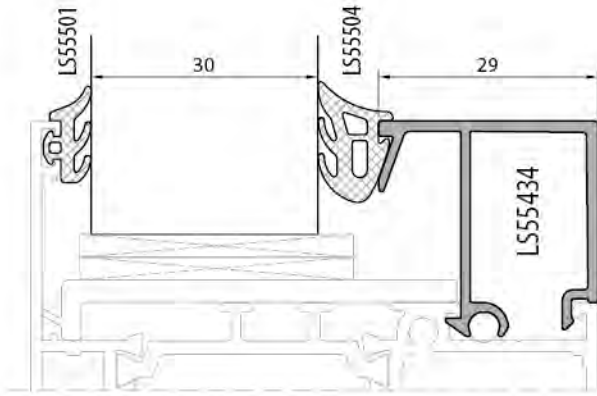
Cam Çıtası Profili Glazing bead profile
LS55437
Weight : 0,429 kg/m

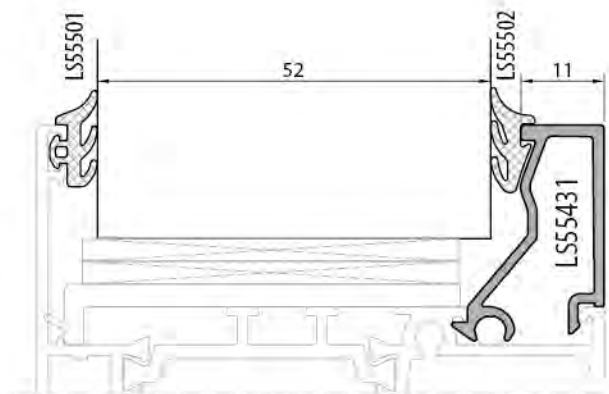
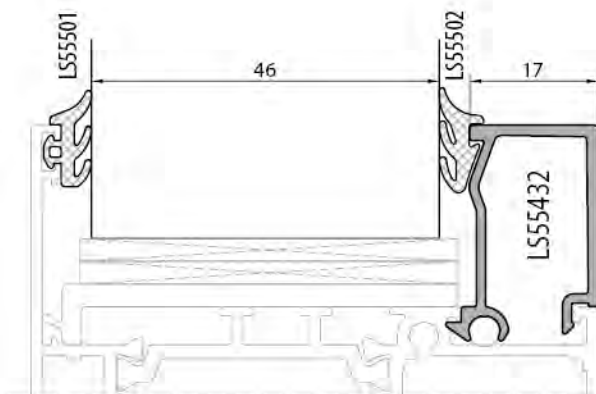
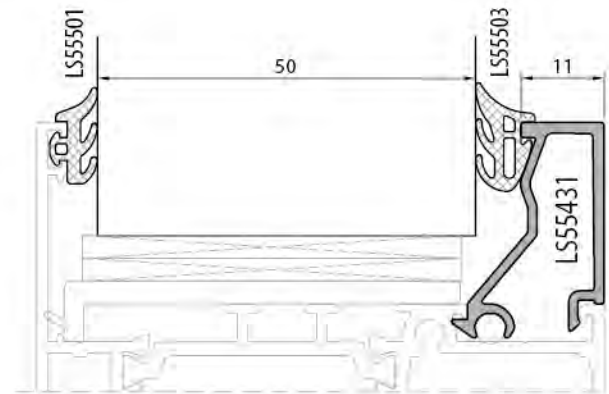
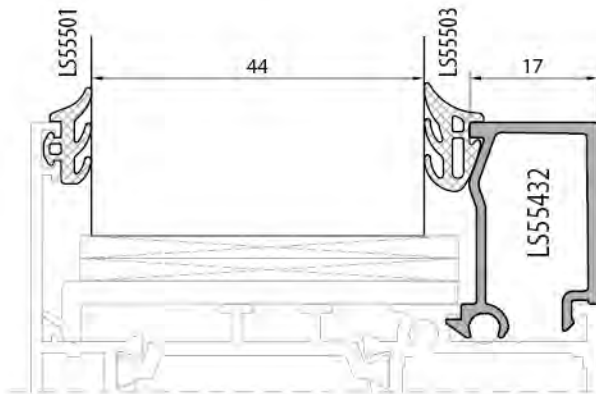
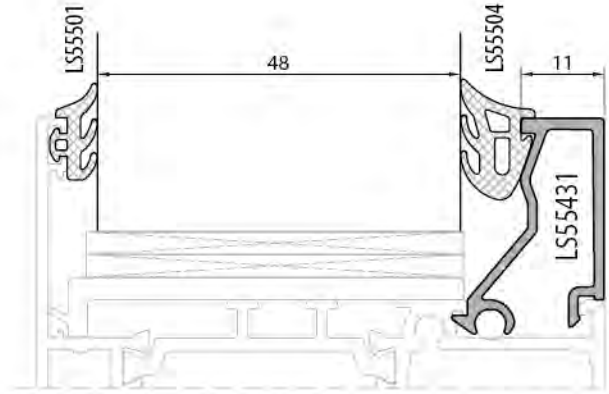
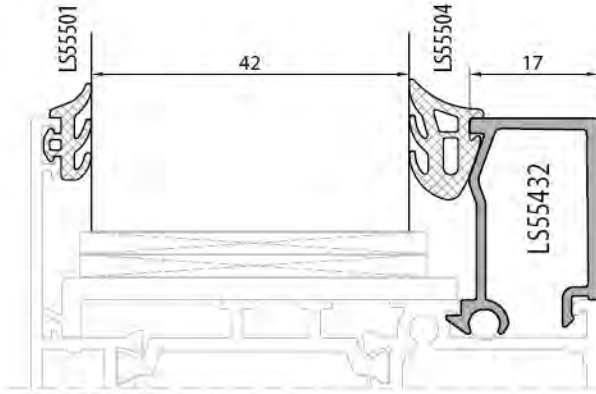


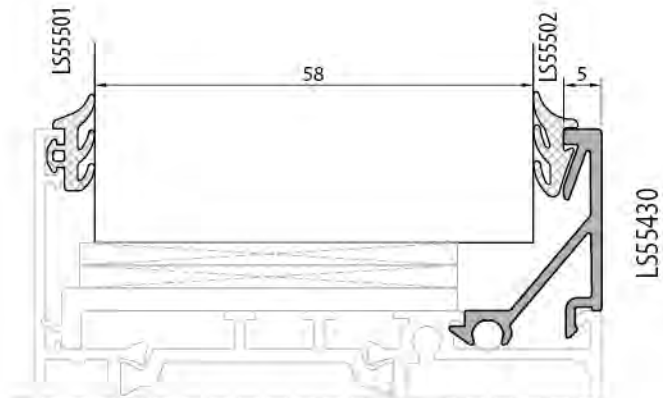
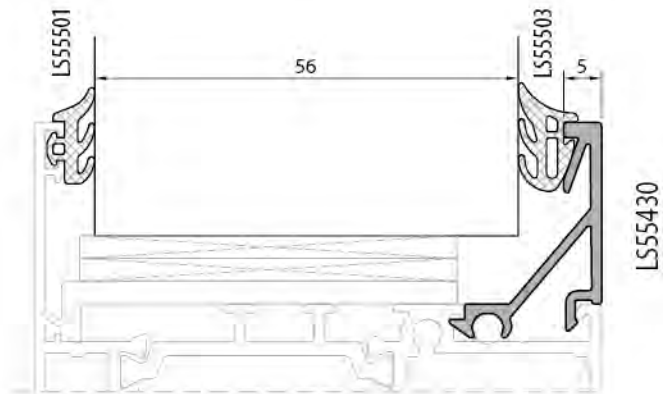
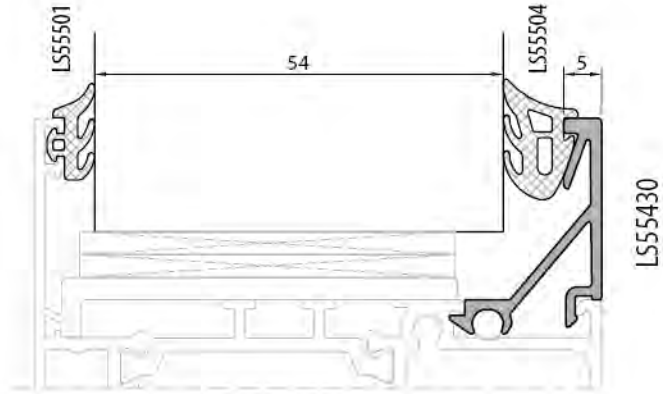
Cam Çıtası Profili Glazing bead profile
LS55438
Weight : 0,451 kg/m

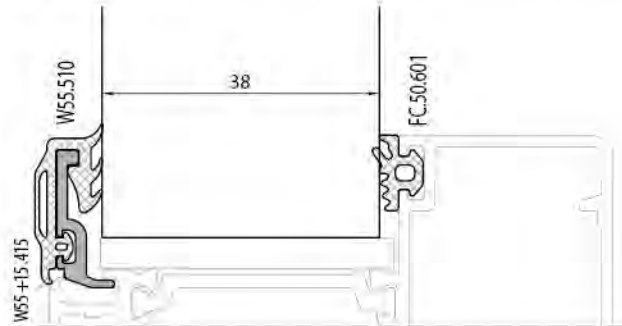
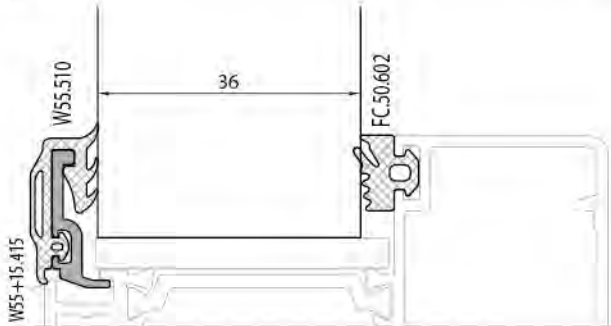
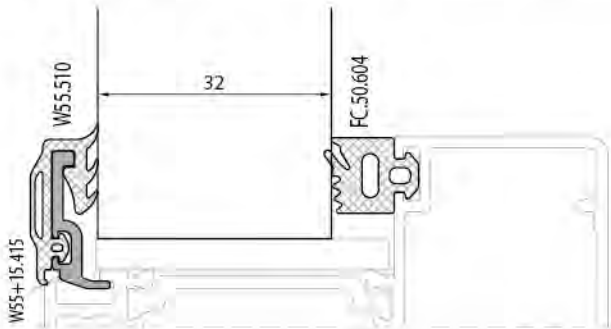
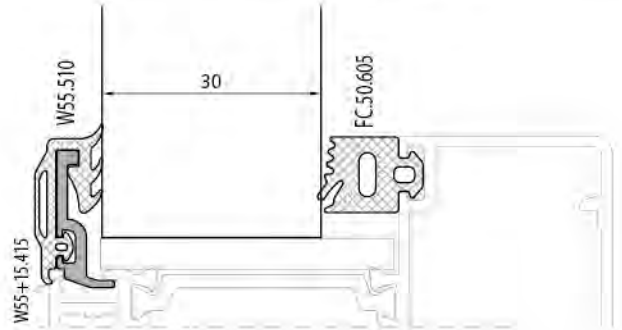
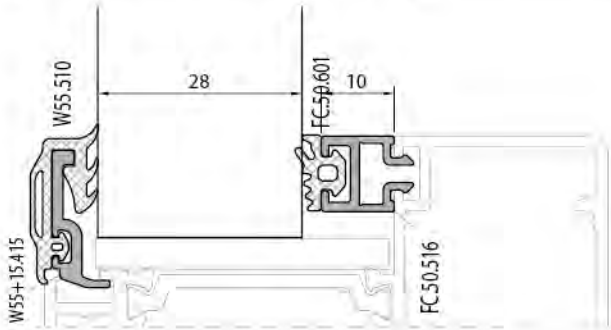
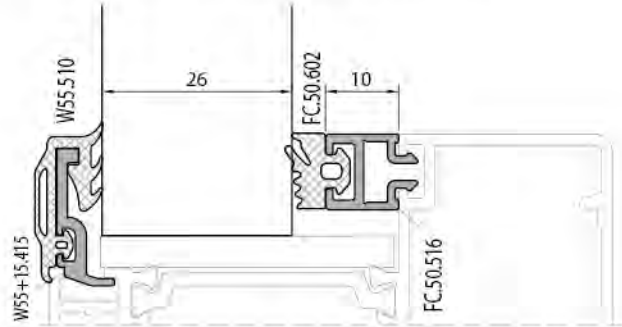
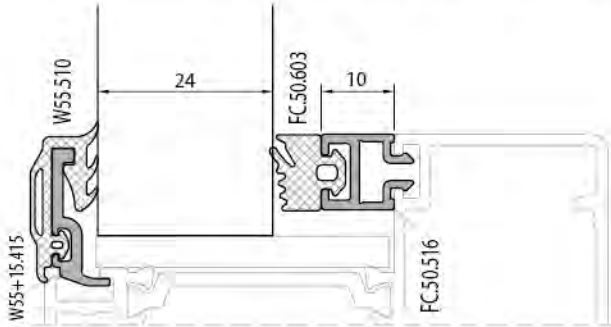
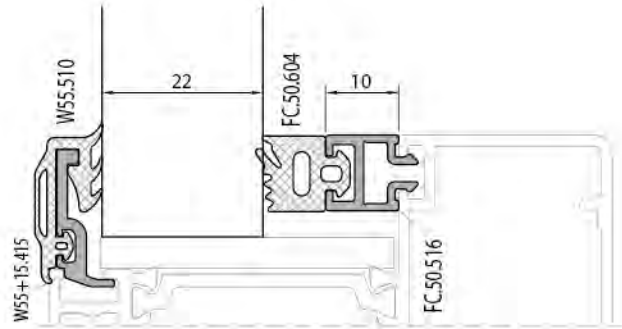
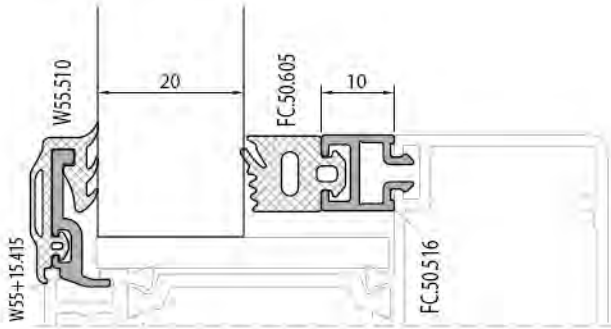


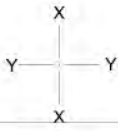






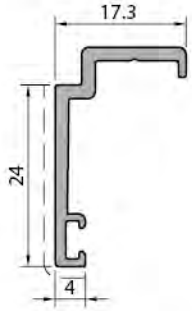






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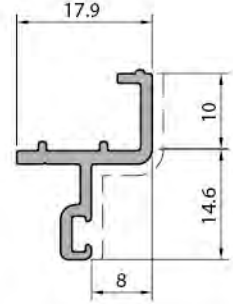
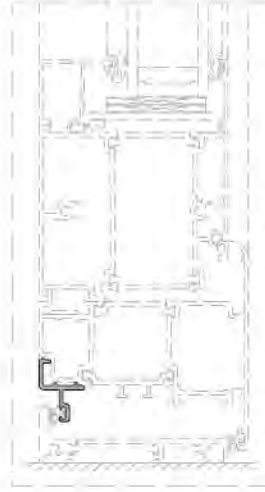
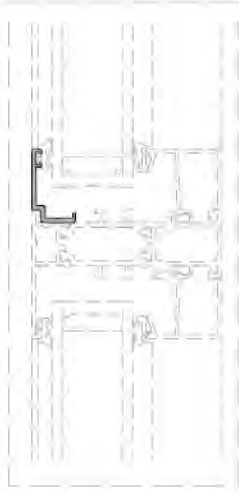
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Cam Dış Çerçeve Profili
Glass outer frame profile

W55+15.420

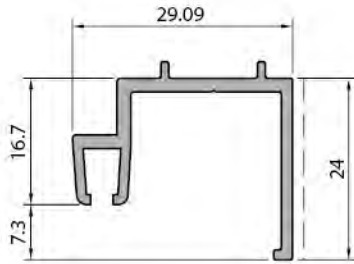
Weight : 0,225 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.421

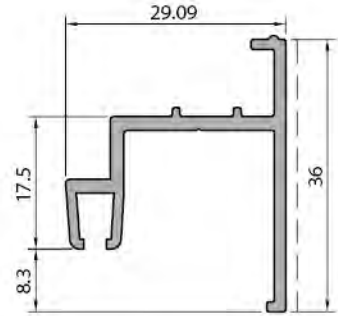
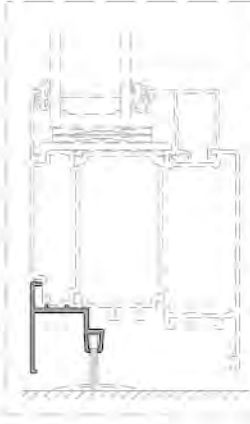
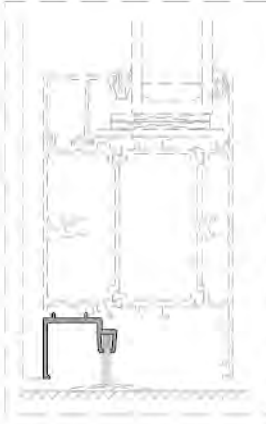
Weight : 0,225 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.422

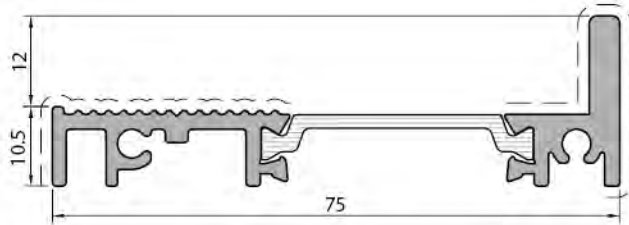
Weight : 0,337 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.423

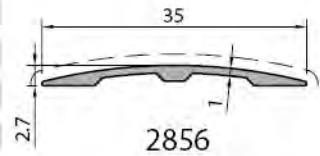
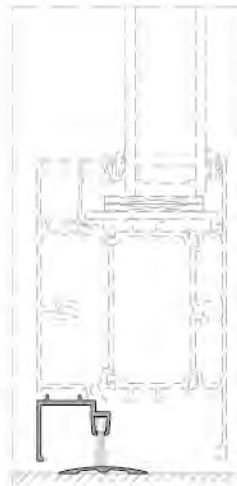
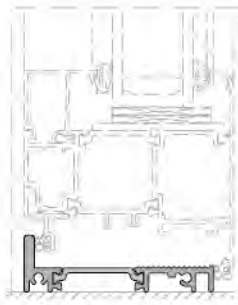
Weight : 0,397 kg/m



Kapı Altı Adaptör Profili
Bottom door adapter profile

W55+15.424

Weight : 0,791 kg/m

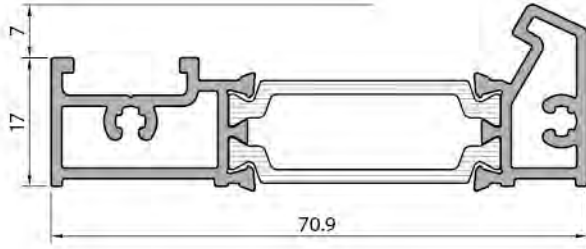


Kapı Altı Adaptör Profili
Bottom door adapter profile

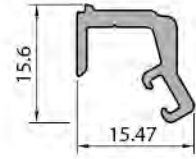
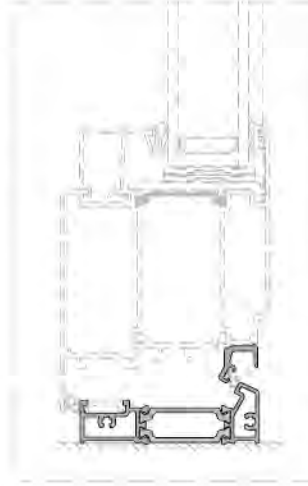
W55+15.425

Weight : 0,119 kg/m

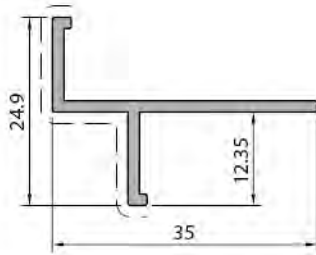
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.



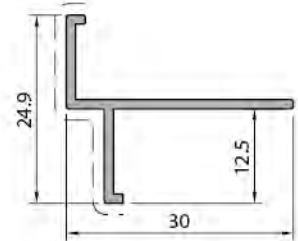
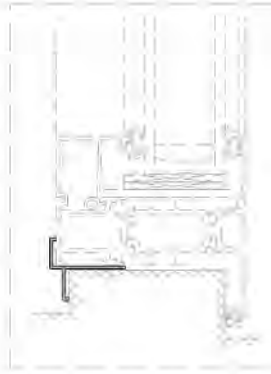
Eşik Profili Threshold profile
W55+15.426
Weight : 0,974 kg/m



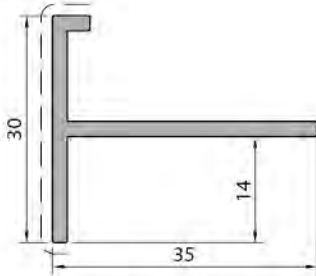
Eşik adaptör Profili Threshold adapter profile
W55+15.427
Weight : 0,185 kg/m



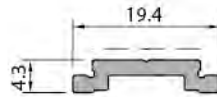
Kasa İçi Çerçeve Profili Internal frame profile
W55+15.430
Weight : 0,250 kg/m



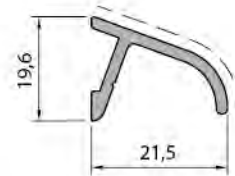
Kasa İçi Çerçeve Profili Internal frame profile
W55+15.431
Weight : 0,185 kg/m



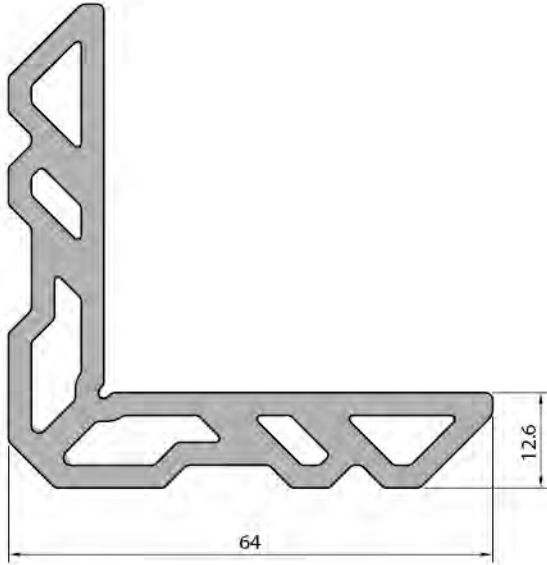
Kasa İçi Çerçeve Profili Internal frame profile
W55+15.432
Weight : 0,360 kg/m



Tij Profili Rod profile
W55+15.434
Weight : 0,130 kg/m



Damlalık Profili Drip profile
W55+15.435
Weight : 0,143 kg/m



Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.450

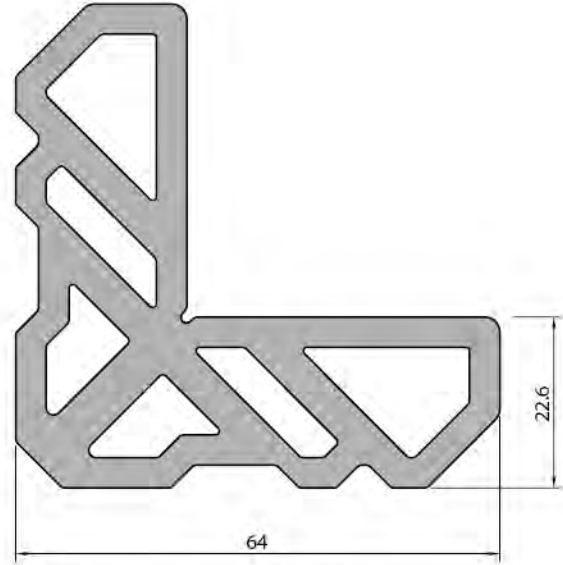
Weight : 0,237 kg/m

W55.450-1 7 mm

W55.450-2 23,2 mm

W55.450-3 25,4 mm

W55.450-4 24,7 mm



Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.451

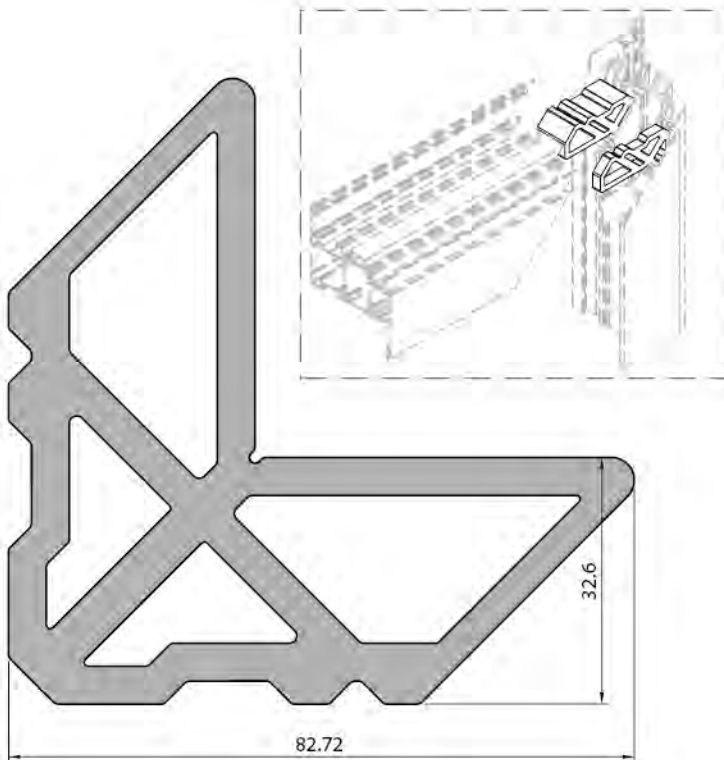
Weight : 3,694 kg/m

W55.451-1 7 mm

W55.451-2 23,2 mm

W55.451-3 25,4 mm

W55.451-4 13,1 mm



Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.452

Weight : 4,909 kg/m

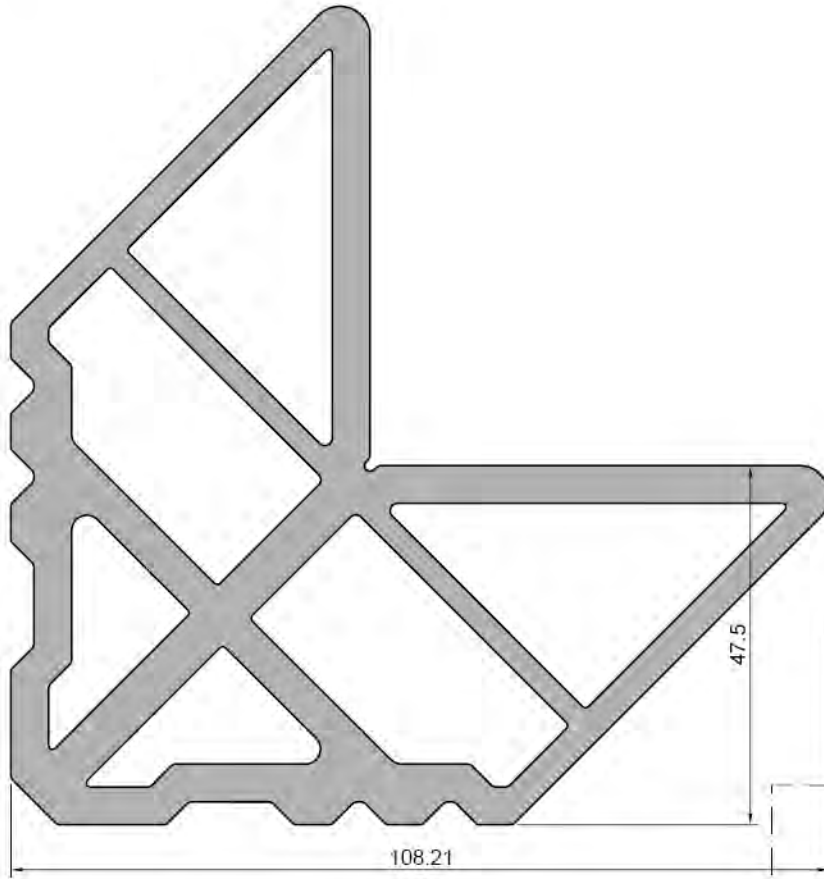
W55.452-1 7 mm

W55.452-2 23,2 mm

W55.452-3 25,4 mm

W55.452-4 18,5 mm

W55.452-5 22 mm



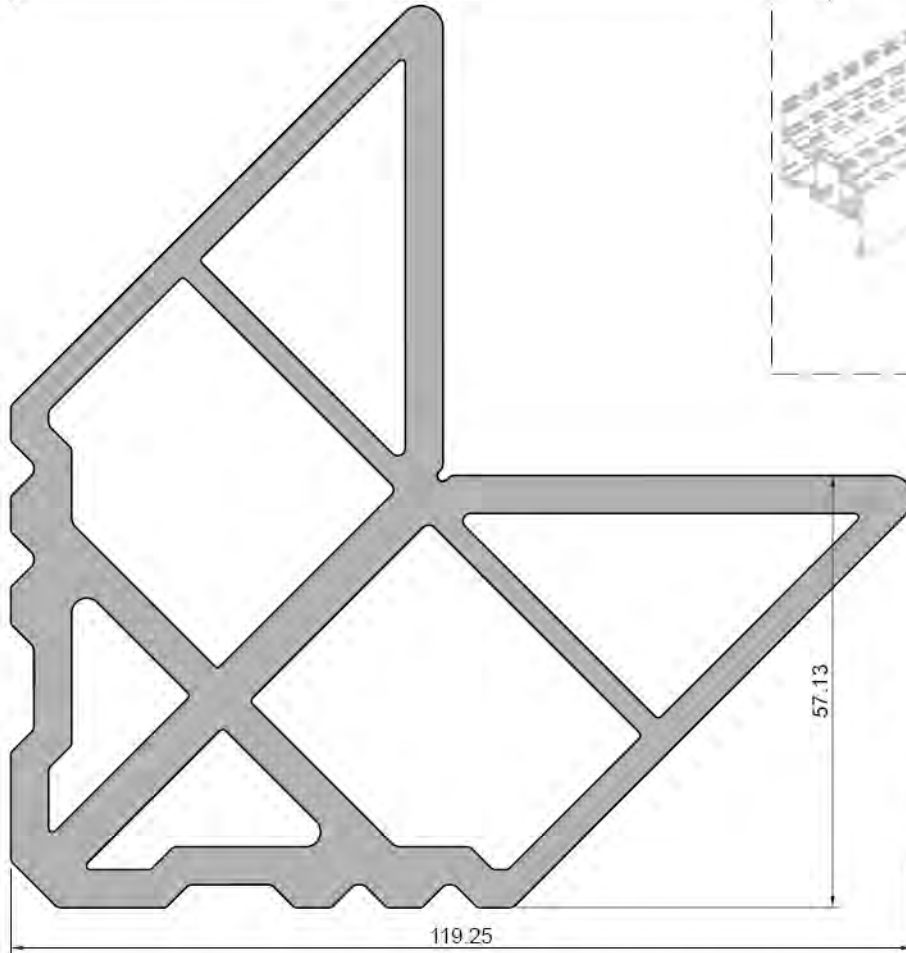
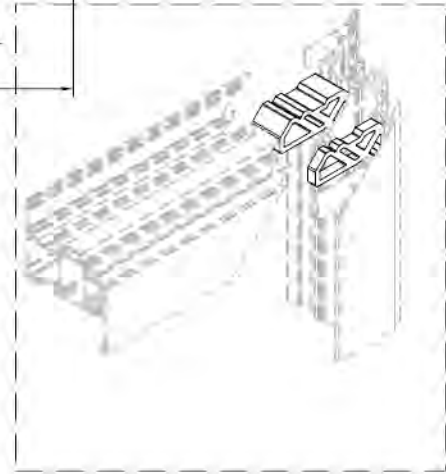
Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.453

Weight : 7,101 kg/m

W55.453-1 7 mm

W55.453-2 13,1 mm



Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.454

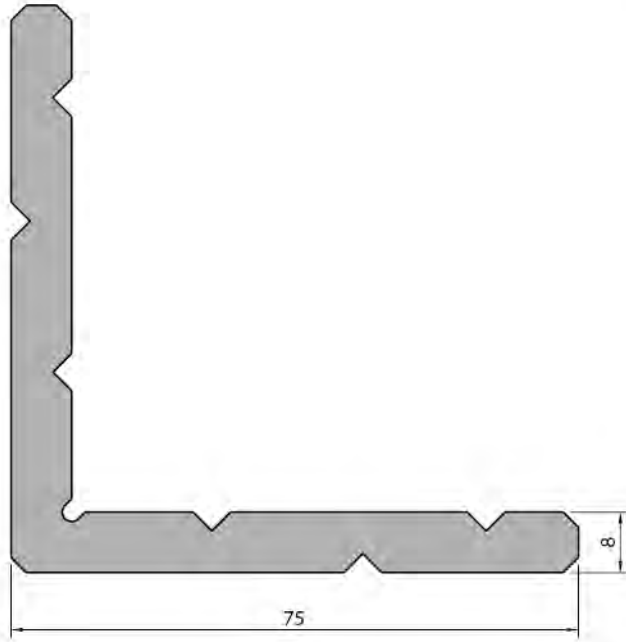
Weight : 7,665 kg/m

W55.454-1 7 mm

W55.454-2 23,2 mm

W55.454 -3 18,5 mm

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

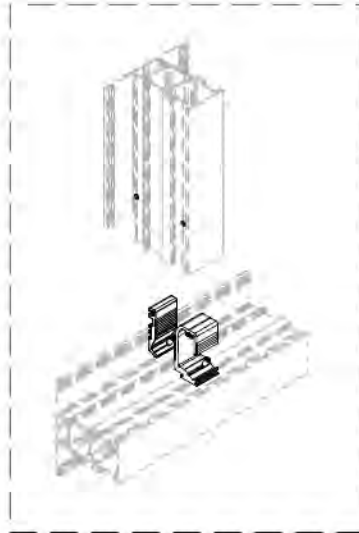
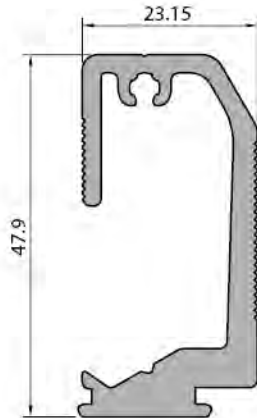
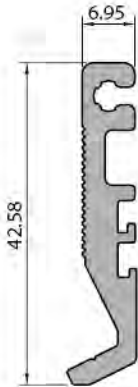


Kasa Kanat Köşe Takoz Profili
Frame-sash corner cleat profile

W55.455

Weight : 2,927 kg/m

W55.455-1 7 mm



Orta Kayıt Bağlantı
Mullion connection

LS55443

Weight : 0,516 kg/m

LS55443-2 12,5 mm

LS55443-3 22,5 mm

LS55443-5 32,6 mm

LS55443-6 25 mm

Orta Kayıt Bağlantı
Mullion connection

LS55444

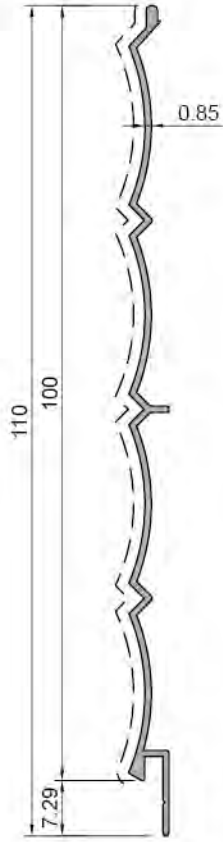
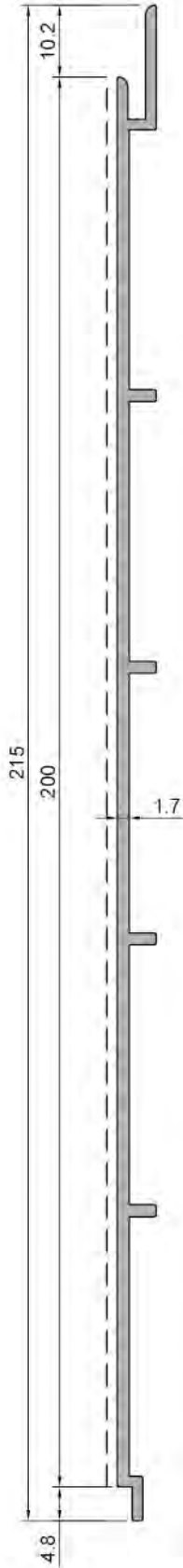
Weight : 0,974 kg/m

LS55444-2 12,5 mm

LS55444-3 22,5 mm

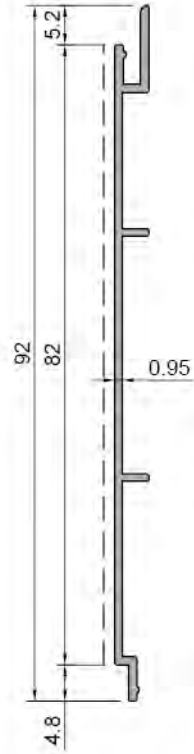
LS55444-5 32,6 mm

LS55444-6 25 mm

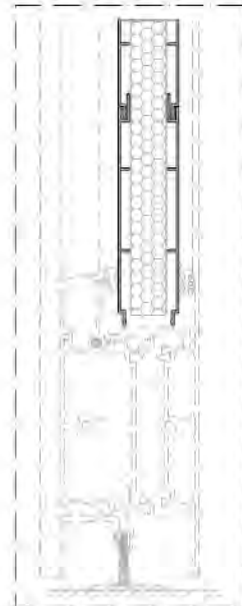


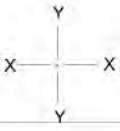
Lambri Profili Wainscot profile
W55+.15.437
Weight : 0,305 kg/m

Lambri Profili Wainscot profile
W55+.15.436
Weight : 1,095 kg/m



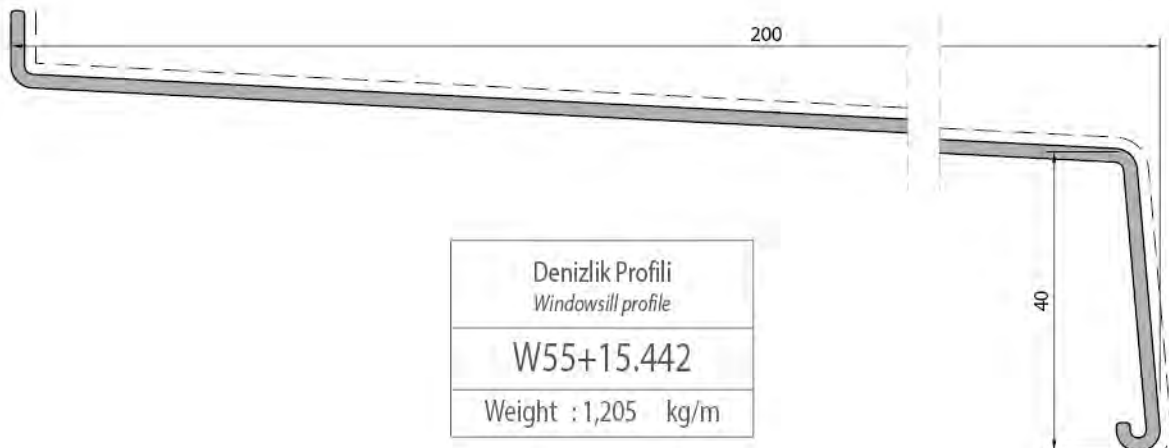
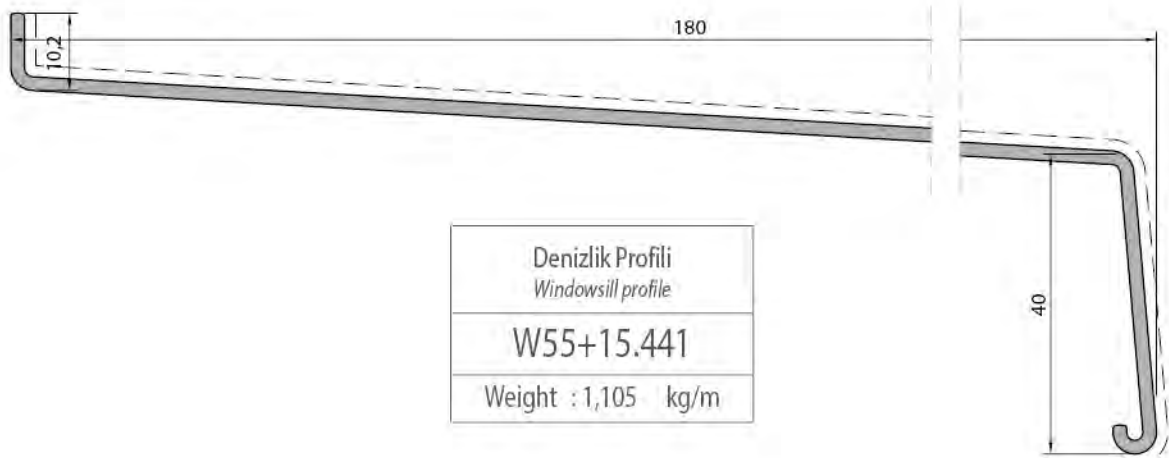
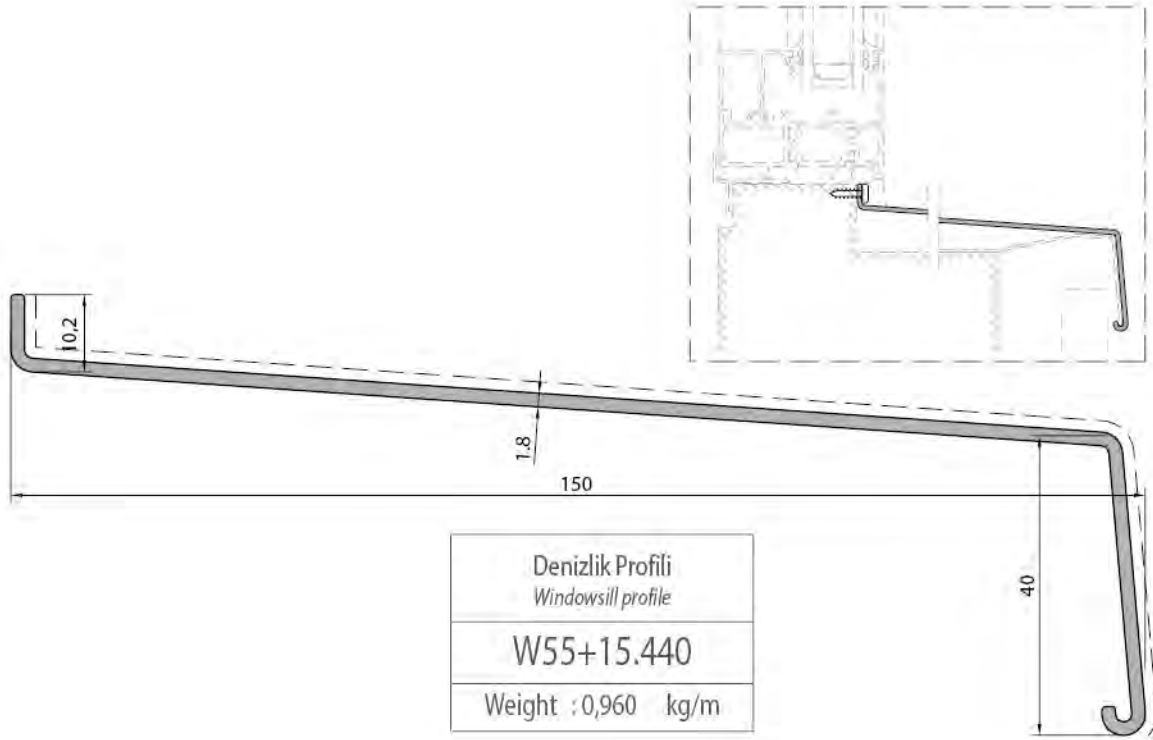
Lambri Profili Wainscot profile
W55+.15.438
Weight : 0,295 kg/m



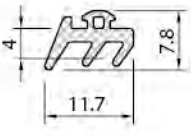
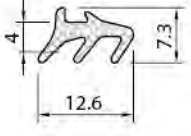
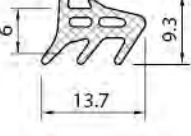
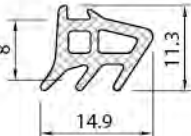
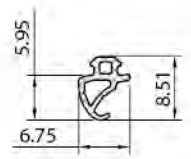
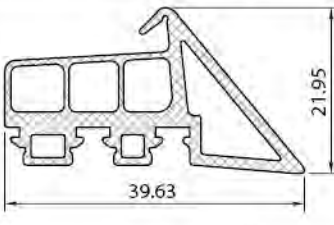
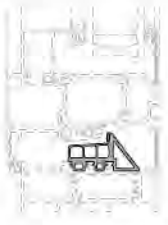
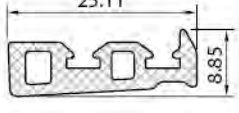


W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

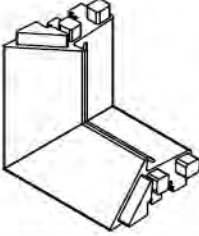
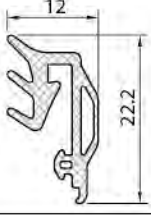
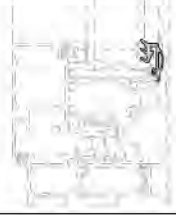
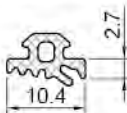
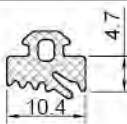
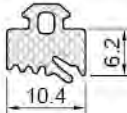
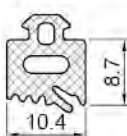
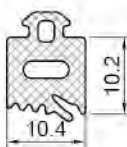
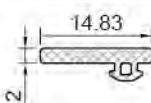
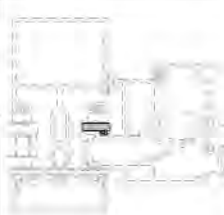
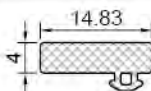
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
LS55501		epdm cam dış fitil glazing gasket outside	55 gr/m	12 kg	220 m	
LS55502		epdm cam iç fitil glazing gasket inside	52 gr/m	12 kg	230 m	
LS55503		epdm cam iç fitil glazing gasket inside	80 gr/m	12 kg	150 m	
LS55504		epdm cam iç fitil glazing gasket inside	92 gr/m	12 kg	130 m	
W55.501		epdm iç bini fitil inside acoustic gasket	26 gr/m	12 kg	460 m	
W75.502		epdm tozluk iç fitil epdm central gasket	357 gr/m	10 kg	28 m	
W75.503		epdm tozluk iç fitil epdm central gasket	144 gr/m	12 kg	83 m	

W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
W75.501h		epdm cam dış fitil glazing gasket outside	127 gr/m	15 kg	116 m	
W75.502h		epdm cam iç fitil glazing gasket inside	120 gr/m	15 kg	123 m	
W75.503h		epdm cam iç fitil glazing gasket inside	142 gr/m	15 kg	104 m	
W75.504h		epdm cam iç fitil glazing gasket inside	155 gr/m	15 kg	95 m	
W75.505h		co-ekstrüzyon epdm tozluk iç fitil co-extrusion epdm central gasket	300 gr/m	15 kg	50 m	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
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Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
W75.504		epdm tozluk iç fitil vulkanize köşe epdm central gasket vulcanised corner	--	--	50 ad./pk 50 pcs/pk	
W55.510		epdm cam dış fitil glazing gasket outside	114 gr/m	15 kg	129 m	
W55.511		epdm fitil epdm gasket	16 gr/m	10 kg	609 m	
FC.50.601		epdm cam iç fitil glazing gasket inside	42 gr/m	15 kg	355 m	
FC.50.602		epdm cam iç fitil glazing gasket inside	66 gr/m	15 kg	225 m	
FC.50.603		epdm cam iç fitil glazing gasket inside	88 gr/m	15 kg	165 m	
FC.50.604		epdm cam iç fitil glazing gasket inside	104 gr/m	15 kg	142 m	
FC.50.605		epdm cam iç fitil glazing gasket inside	124 gr/m	15 kg	120 m	
W55.512		epdm cam iç fitil glazing gasket inside	47 gr/m	15 kg	313 m	
W55.513		epdm cam iç fitil glazing gasket inside	124 gr/m	15 kg	168 m	

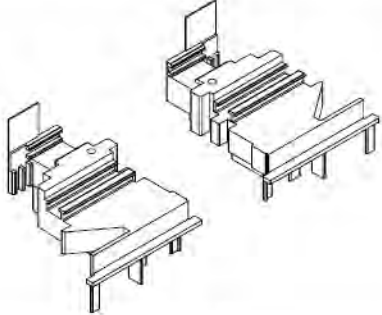
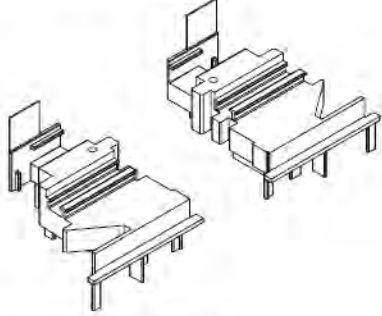
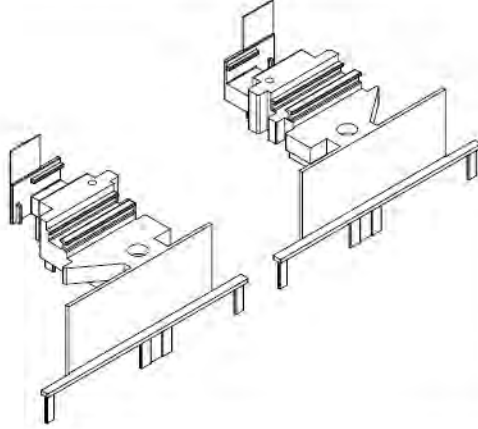
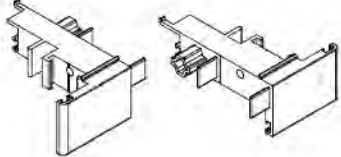
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
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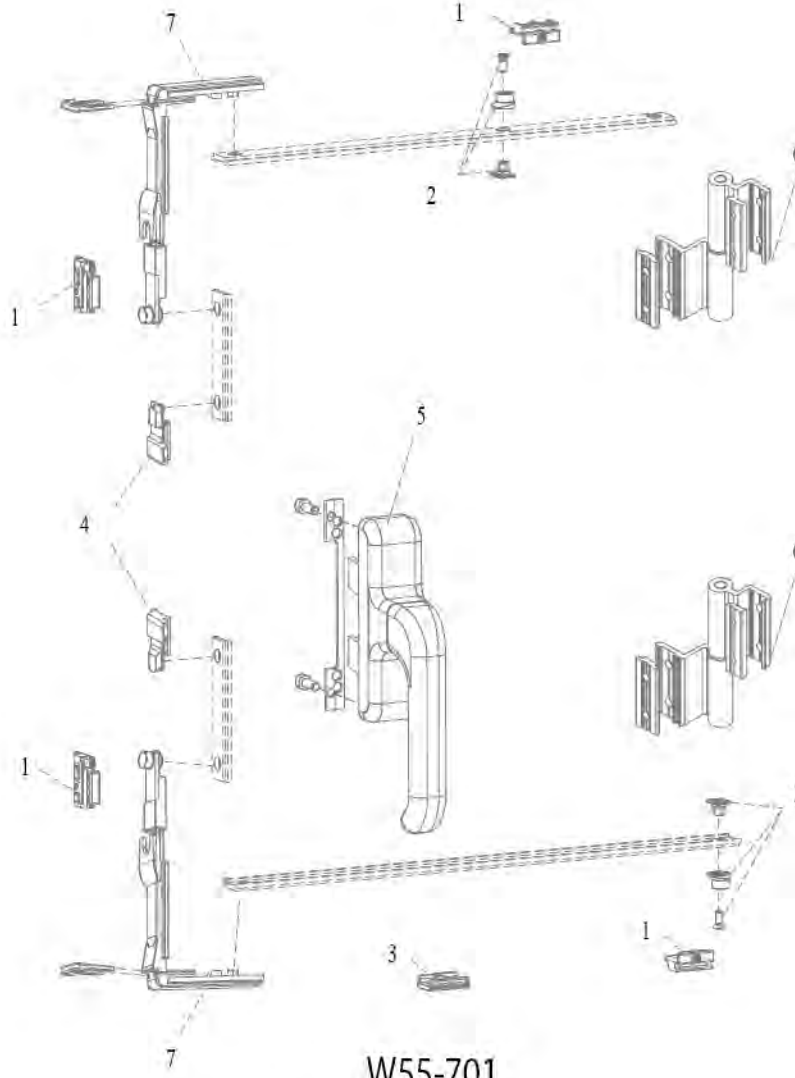
W75+ YALITIMLI PENCERE VE KAPI SİSTEM / INSULATED WINDOW AND DOOR SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

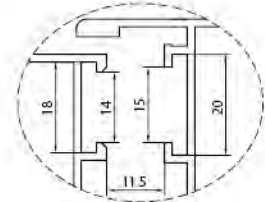
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
W55.514		epdm dış bini fitil outside acoustic gasket	19 gr/m	10 kg	526 m	
W55.515		epdm iç bini fitil inside acoustic gasket	26 gr/m	12 kg	460 m	
W55.516		epdm kapama fitil detent gasket	52 gr/m	5,2 kg	100 m	
W75.510		ek izolasyon poliüretan fitili additional insulator polyurethane gasket	—	6.0 m	50 pcs/pk	
W75.511		ek izolasyon poliüretan fitili additional insulator polyurethane gasket	—	6.0 m	50 pcs/pk	
LS55617		köşe onbaşı corner cleat for sash			200 pcs/pk	
LS55618		köşe onbaşı corner cleat for sash			200 pcs/pk	
W75.610		pvc cam destek takoz pvc glazing support cleat			3,0 mt 20 pcs/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'a göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9, moment values are calculated according to EN 14024.

Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
W75.601		çift kanat adaptör kapak adapter cover for double sash euro groove (set)	20 pcs/pk	
W75.602		çift kanat adaptör kapak adapter cover for double sash euro groove (set)	20 pcs/pk	
W75.603		gizli çift kanat adaptör kapak adapter cover for hidden double sash pvc euro groove (set)	20 pcs/pk	
W55.604		Kapı altı adaptör kapağı Bottom door adapter cover	20 pcs/pk	
W55.605		Kapı altı adaptör kapağı Bottom door adapter cover	20 pcs/pk	
LS55614		su tahliye kapağı water drainage plug	200 pcs/pk	



W55-701



euro groove section 1



içe açılır pencere
inward opening window

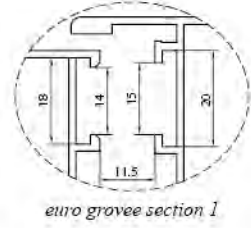
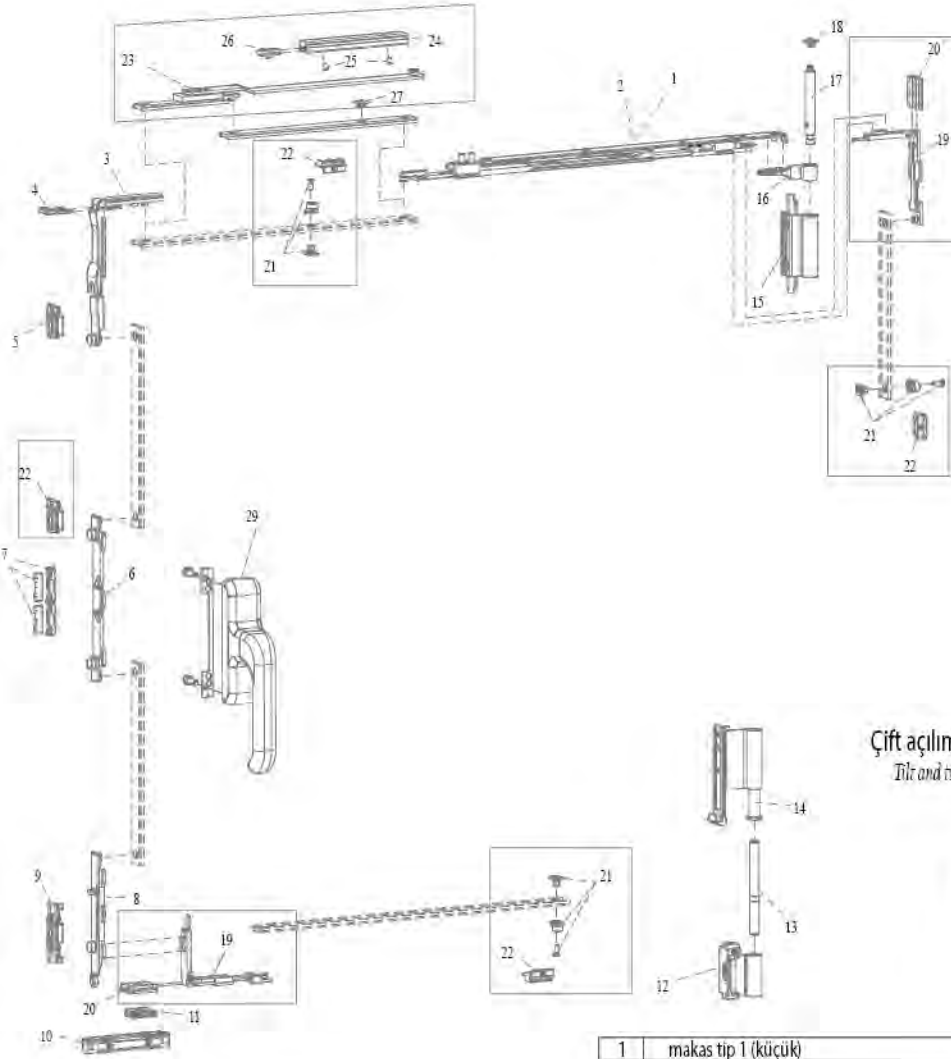
Normal açılım mekanizması (takım)

Opening window mechanism (set)

W55-701	1	Pim karşılığı	W55-731
	2	Ayarlı karşılık	W55-733
	3	Kanat sarkma takozu	W55-740
	4	Tij bağlantı pabucu	W55-732
	5	Çift dilli kol	W55-761
	6	Menteşe	W55-770
	7	Köşe dönme	W55-730



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



euro groove section 1



içe açılır pencere
inward opening window

Çift açılım mekanizması (takım)
Tilt and turn window mechanism (set)

W55.702 (80kg)

W55.702-1 (80kg)
ithal (import)

W55.703 (130kg)

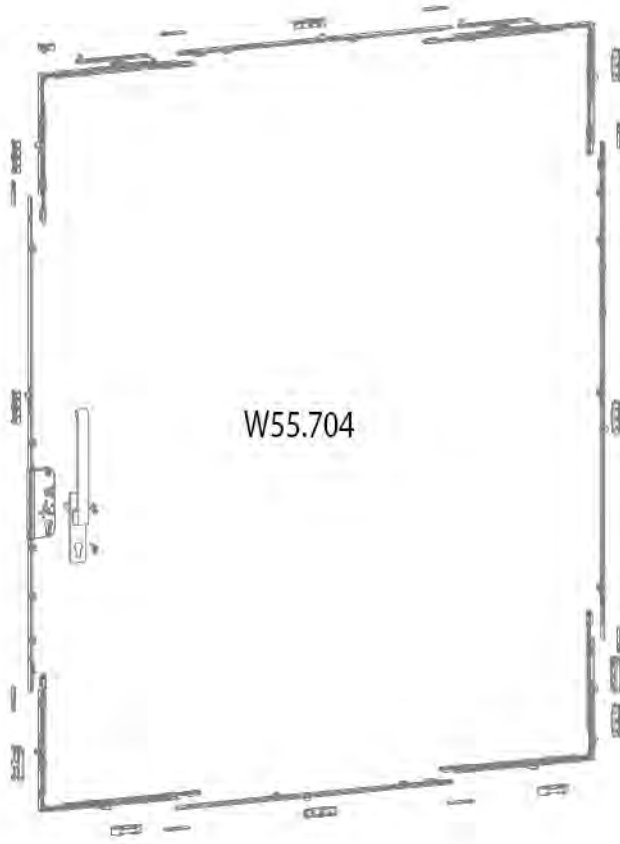
W55.703-1 (130kg)
ithal (import)

		(80 kg)	(130 kg)
		W55.702	W55.703
1	makas tip 1 (küçük)	W55-738-80	W55-738-130
2	makas tip 2 (büyük)	W55-739-80	W55-739-130
3	köşe dönme		
4	köşe dönme sabitleme klipsi		
5	karşılık		
6	kol karşılığı		
7	hatalı kullanım öneme karşılığı		
7	8-10mm ayar şimi	W55-722	W55-722
8	sürgü		
9	karşılık		
10	çift sürgü karşılık		
11	dinlendirme takozu		
12	dip menteşe erkek kısmı		
13	dip menteşe pimi		
14	üst menteşe dışı kısmı	W55-721	W55-720
15	üst menteşe erkek kısmı		
16	üst menteşe dışı kısmı		
17	üst menteşe pimi		
18	üst menteşe stoper kapak		
29	euro 900 çift açılım kolu	W55-763	W55-763
		+	+
		> 80kg	> 130kg

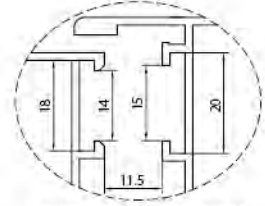
İLAVE	İLAVE	İLAVE	İLAVE
İLAVE	İLAVE	İLAVE	İLAVE
19	ilave köşe dönme		
20	ilave köşe dönme sabitleme klipsi		
21	kilitleme pimi	W55-723	W55-723
22	ayarlı karşılık		
23	ilave makas		
24	ilave makas kılavuzu		
25	kılavuz vidaları		
26	ayarlı stoper		
27	makas destek bloğu		W55-735



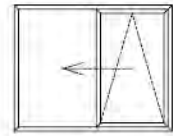
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



W55.704

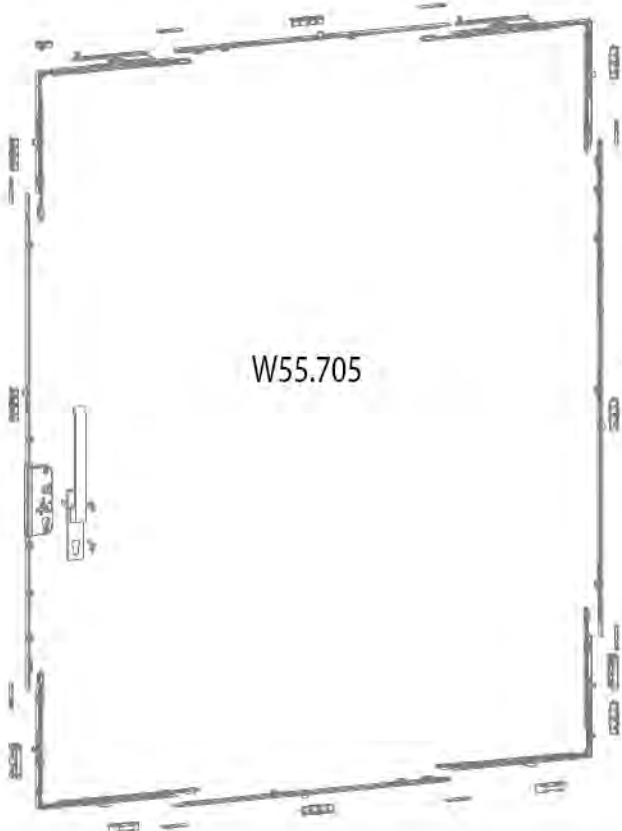


euro groove section 1



Volkswagen açılım mekanizması (takım)

Volkswagen opening window mechanism (set)



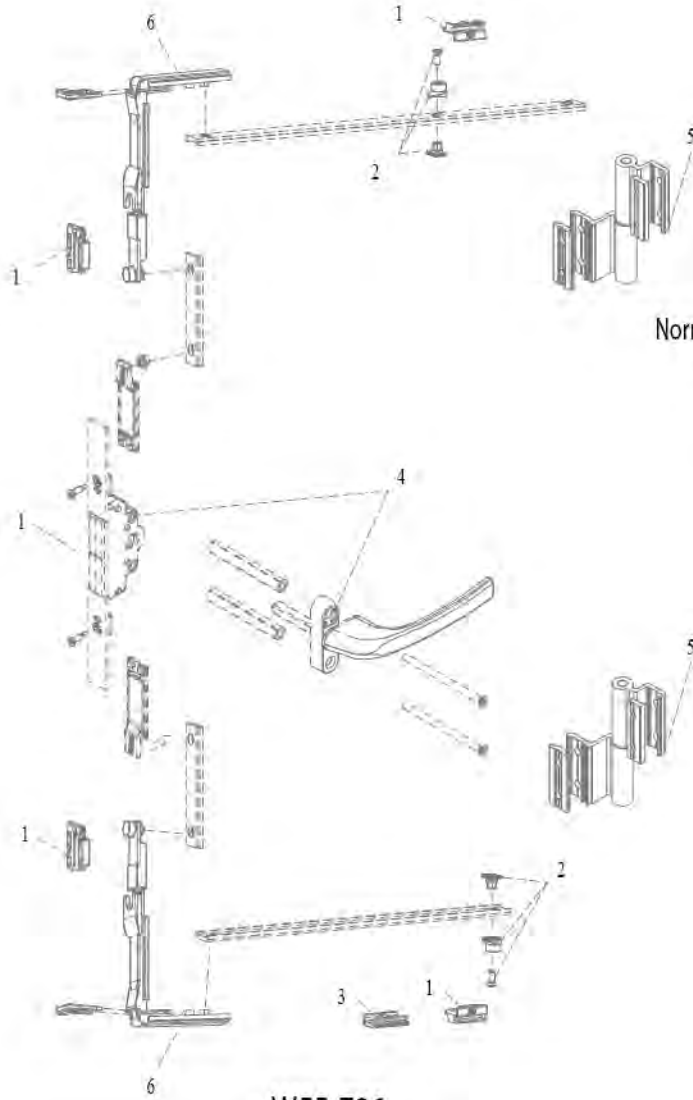
W55.705

Volkswagen tam otomatik açılım mekanizması (takım)

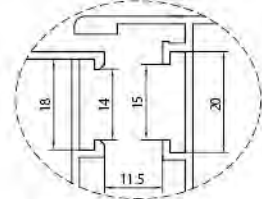
Volkswagen opening window full automatic mechanism (set)



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed



Normal açılım mekanizması (takım)
Opening window mechanism (set)



euro groove section 1



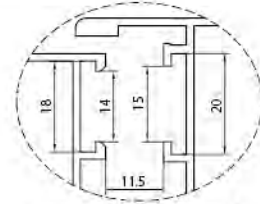
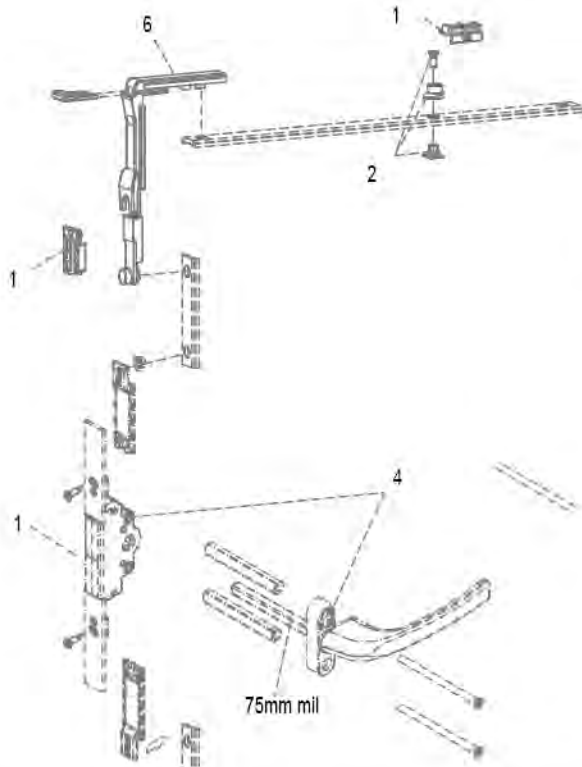
dışa açılır pencere
outward opening window

W55-706



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

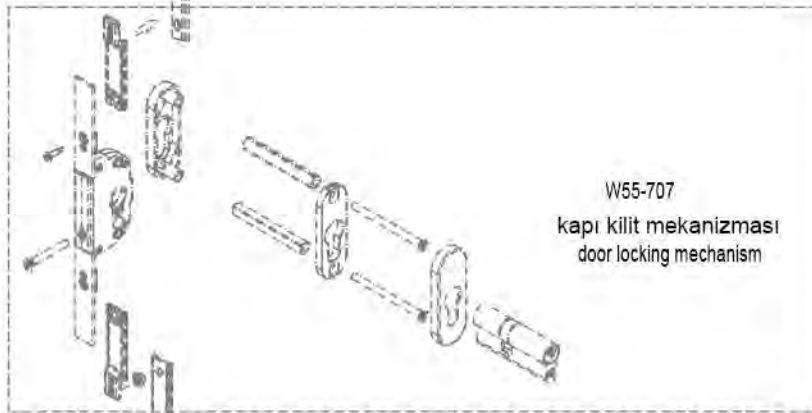
W55-706	1	Pim karşılığı	W55-731
	2	Ayarlı karşılık	W55-733
	3	Kanat sarkma takozu	W55-740
	4	Mekanizma+kol	W55-748
	5	Menteşe	W55-770
+ > 1200 x 1400 mm			
	6	Köşe dönme	W55-730



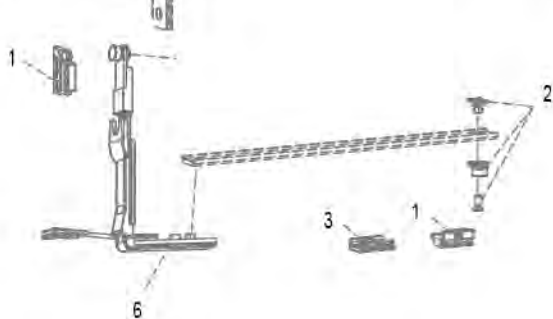
euro groove section 1



dışa açılır pencere
outward opening window



W55-707
kapı kilit mekanizması
door locking mechanism



Normal açılım mekanizması (takım)
Opening window mechanism (set)

W55-706-A



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

W55-706-A	1	Pim karşılığı	W55-731
	2	Ayarlı karşılık	W55-733
	3	Kanat sarkma takozu	W55-740
	4	Mekanizma+kol	W55-748
	5	Menteşe	W55-770
	7	Kilit mekanizması	W55-707
	6	Köşe dönme	W55-730

> 1200 x 1400 mm

Locking mechanism UNI-JET C and D - Side hung fittings - 1 sash
Fixed gear position, groove position 9mm



W55.710

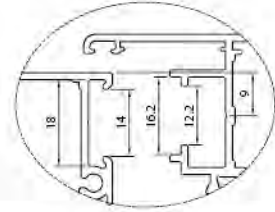
	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200**	1201-1450**	1451-1600**
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

* arka kilitlemeli
**yatay kilitlemeli



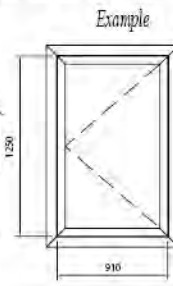
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

Normal açılım PVC mekanizması (takım)
PVC classic opening window mechanism (set)



pvc groove section 9mm

içe açılır pencere
inward opening window



sipariş kodu
order code

W55.710-27

Locking mechanism UNI-JET C and D - Side hung fittings - 1 sash
Fixed gear position, groove position 9mm



W55.711

	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200**	1201-1450**	1451-1600**
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

* arka kilitlemeli
**yatay kilitlemeli

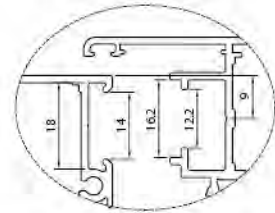


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

Çift açılım PVC mekanizması (takım)
PVC tilt and turn window mechanism (set)



içe açılır pencere
inward opening window



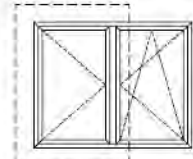
pvc groove section 9mm

Locking mechanism UNI-JET C and D Inactive sash fittings ZH
Fixed gear position, groove position 9 mm

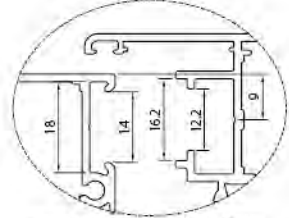


W55.712

Normal açılım PVC mekanizması (takım)
PVC classic opening window mechanism (set)



içe açılır pencere
inward opening window



pvc groove section 9mm

	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200**	1201-1450**	1451-1600**
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

* arka kilitlemeli

**yatay kilitlemeli



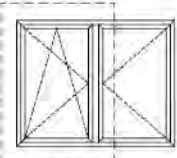
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

Locking mechanism UNI-JET C and D - Tilt-turn fittings - 2 sashes
Fixed gear position, groove position 9mm

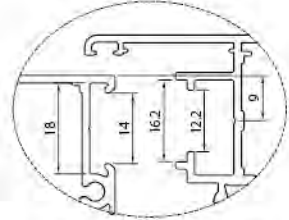


W55.713

Çift açılım PVC mekanizması (takım)
PVC tilt and turn window mechanism (set)



içe açılır pencere
inward opening window



pvc groove section 9mm

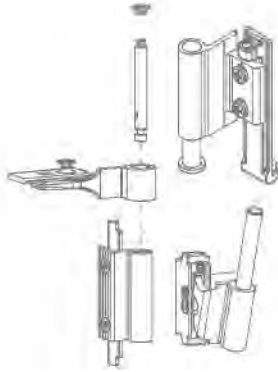
	kanat genişliği (width):					
	280-500	501-750	701-1000	1001-1200**	1201-1450**	1451-1600**
yükseklik (height):						
480-590	1	2	3	4	5	6
591-750	7	8	9	10	11	12
751-1200	13	14	15	16	17	18
951-1450 *	19	20	21	22	23	24
1201-1700 *	25	26	27	28	29	30
1451-1950 *	31	32	33	34	35	36
1951-2450 *	37	38	39	40	41	

* arka kilitlemeli

**yatay kilitlemeli

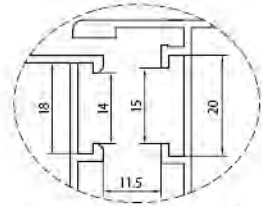


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



Çift açılım pencere üst menteşesi (130kg)
Tilt and turn window top hinge (130kg)

W55.720



euro groove section 1

Çift açılım pencere üst menteşesi (80kg)
Tilt and turn window top hinge (80kg)

W55.721



Çift açılım kilitmeme mekanizması
Tilt and turn base mechanism

W55.722

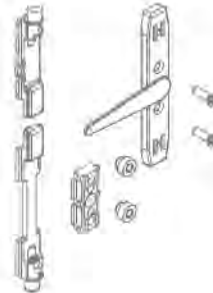


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



Çift açılım ilave kilitleme
Tilt and turn annex set

W55.723



İkinci kanat sürgü seti
Two-way lever push bolt

W55.724



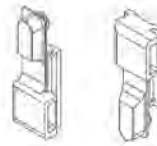
Köşe hareket aktarıcı
Corner transmission for window

W55.730



Pim karşılığı
Adjustable single striker

W55.731



Tij bağlantı pabucu
Connection blocks

W55.732



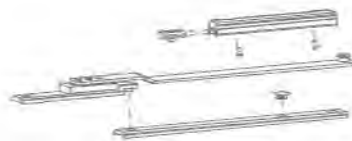
Pim
Pin

W55.733



Ayarlanabilir pim
Adjustable fastening pawl

W55.734



Çift açılım ilave makas
Tilt and turn annex arm

W55.735



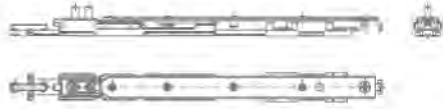
Kol karşılığı
Cremone drive

W55.736



Sürgü ucu
Bolt tip

W55.737

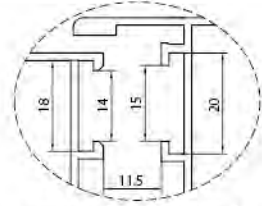


Çift açılım küçük makas (80kg)
Tilt and turn short arm (80kg)

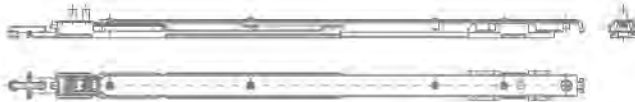
W55.738-80

Çift açılım küçük makas (130kg)
Tilt and turn short arm (130kg)

W55.738-130



euro groove section 1



Çift açılım büyük makas (80kg)
Tilt and turn long arm (80kg)

W55.739-80

Çift açılım büyük makas (130kg)
Tilt and turn long arm (130kg)

W55.739-130



Kanat sarkma takozu
Sash rise stopper

W55.740



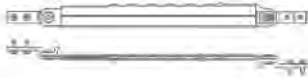
Çiftli sürgü karşılığı
Double keeper

W55.741



Kanat düşüş karşılığı
Sash drop keeper

W55.742



Kademeli teleskopik makas (inox)
Stepped Telescopic arm

W55.743



Vasistas makası
Arm for bottom-hung window

W55.744



Vasistas çit çit
Catch for bottom-hung window

W55.745



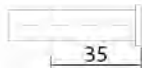
Kapı sürgüsü
Door lever bolt

W55.746

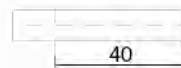


Kapı altı fırçası
Door brush

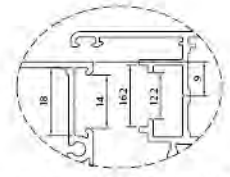
W55.747



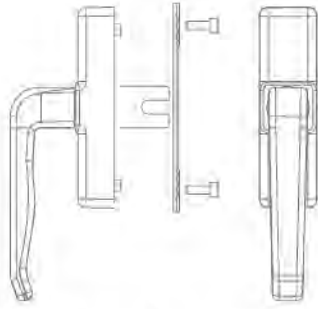
Dışa açılan PVC pencere mekanizması
Outward opening window mechanism
W55.751



Dışa açılan PVC kapı mekanizması
Outward opening door mechanism
W55.750

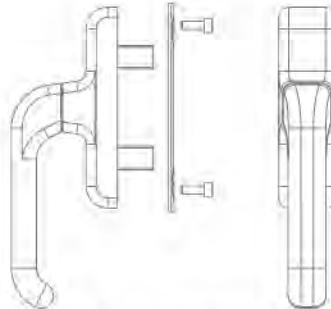


pvc groove section 9 mm



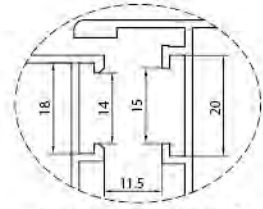
Tek maçalı normal açılım pencere kolu
Opening window handle

W55.760

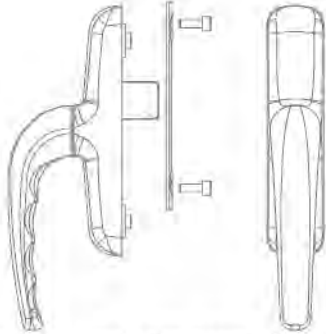


Çift maçalı normal açılım pencere kolu
Opening window handle

W55.761

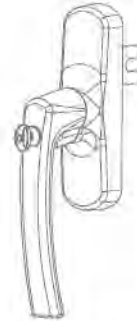


euro groove section 1



Tek maçalı normal açılım pencere kolu (ithal)
Opening window handle (import)

W55.760-1

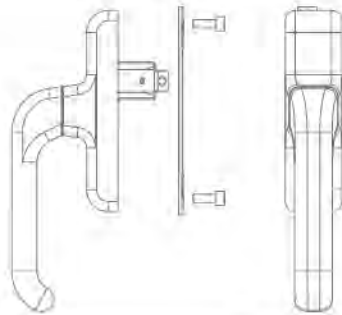


Anahtarlı eksenel kol
Key lockable window handle

W55.762

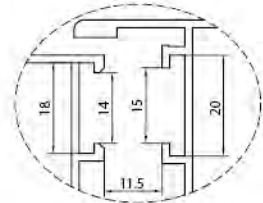


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

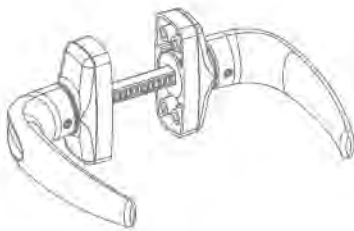


Çift açılım pencere kolu
Tilt and turn opening window handle

W55.763

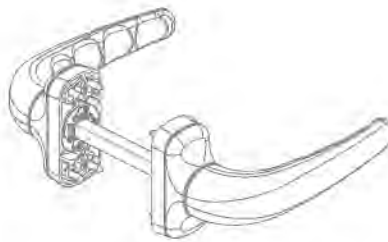


euro groove section 1



Prima kapı kolu
Prima door handle

W55.764



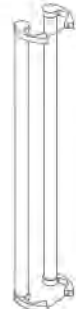
Prima kapı kolu (ithal)
Prima door handle couple (import)

W55.764-1



Kivrık kapı kolu
Door handle

W55.765



Akbank kapı kolu
Door handle

W55.763



W55.770

İki yapraklı pencere menteşesi
Two leaves window hinge



max.80 kg

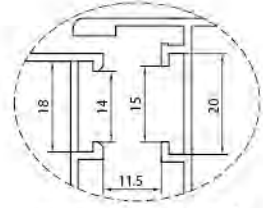


Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.

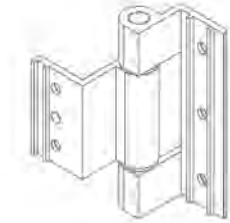


max.80 kg

W55.770-1
ithal (import)



euro groove section 1



W55.771

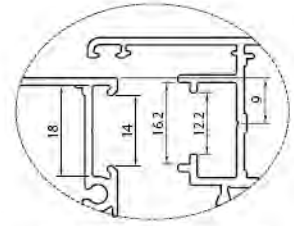
Üç yapraklı normal açılım pencere menteşesi
Three leaves window hinge



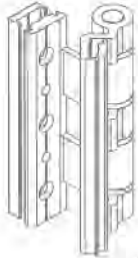
max.80 kg



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



pvc groove section 9mm



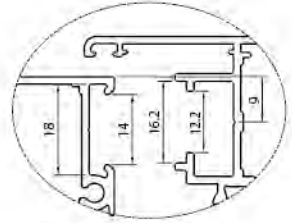
W55.773
Üç yapraklı kapı menteşesi
Three leaves door hinge



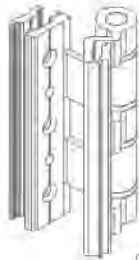
max.100 kg



Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



pvc groove section 9mm



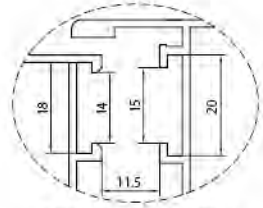
W55.774
Üç yapraklı kapı menteşesi
Three leaves door hinge



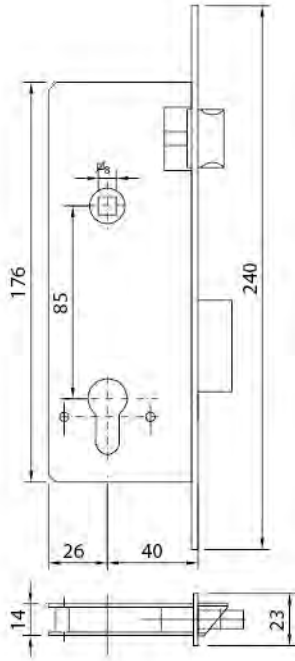
max.100 kg



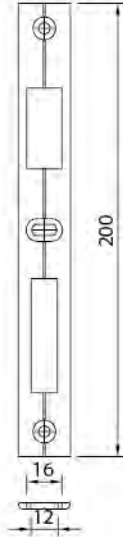
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



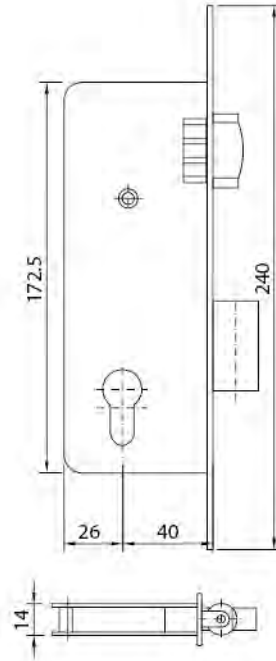
euro groove section 1



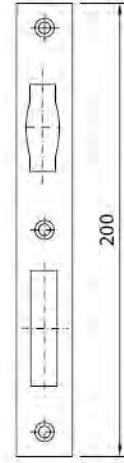
W55.780
Geniş kilit (dilli)
Wide type lock (bolt)



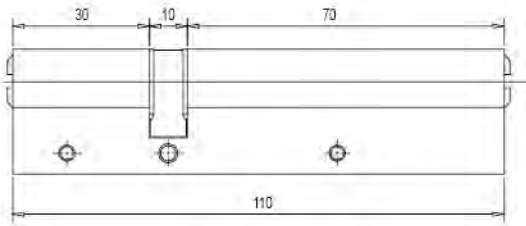
W55.781
Kilit karşılığı
Lock plate



W55.782
Geniş kilit (makaralı)
Wide type lock (roller)



W55.783
Kilit karşılığı
Lock plate



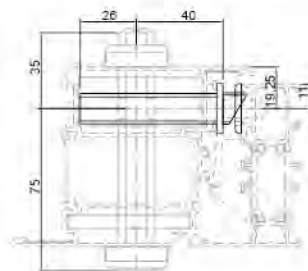
W75.784
Barel
Cylinders



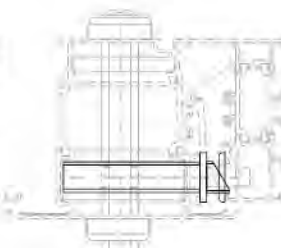
W55.785
Barel rozeti
Cylinder cover



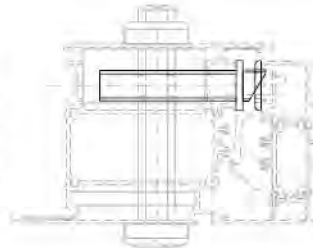
Renk seçeneği belirtilmelidir.
By selecting colors, it must be informed.



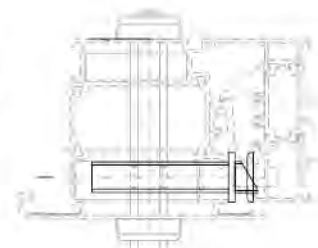
W75+15.304



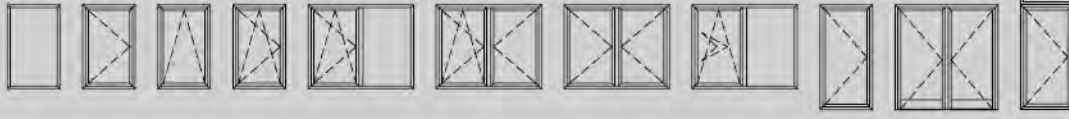
W75+15.311



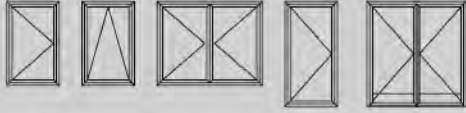
W75+15.319



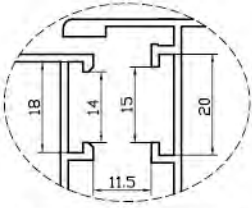
W75+15.326



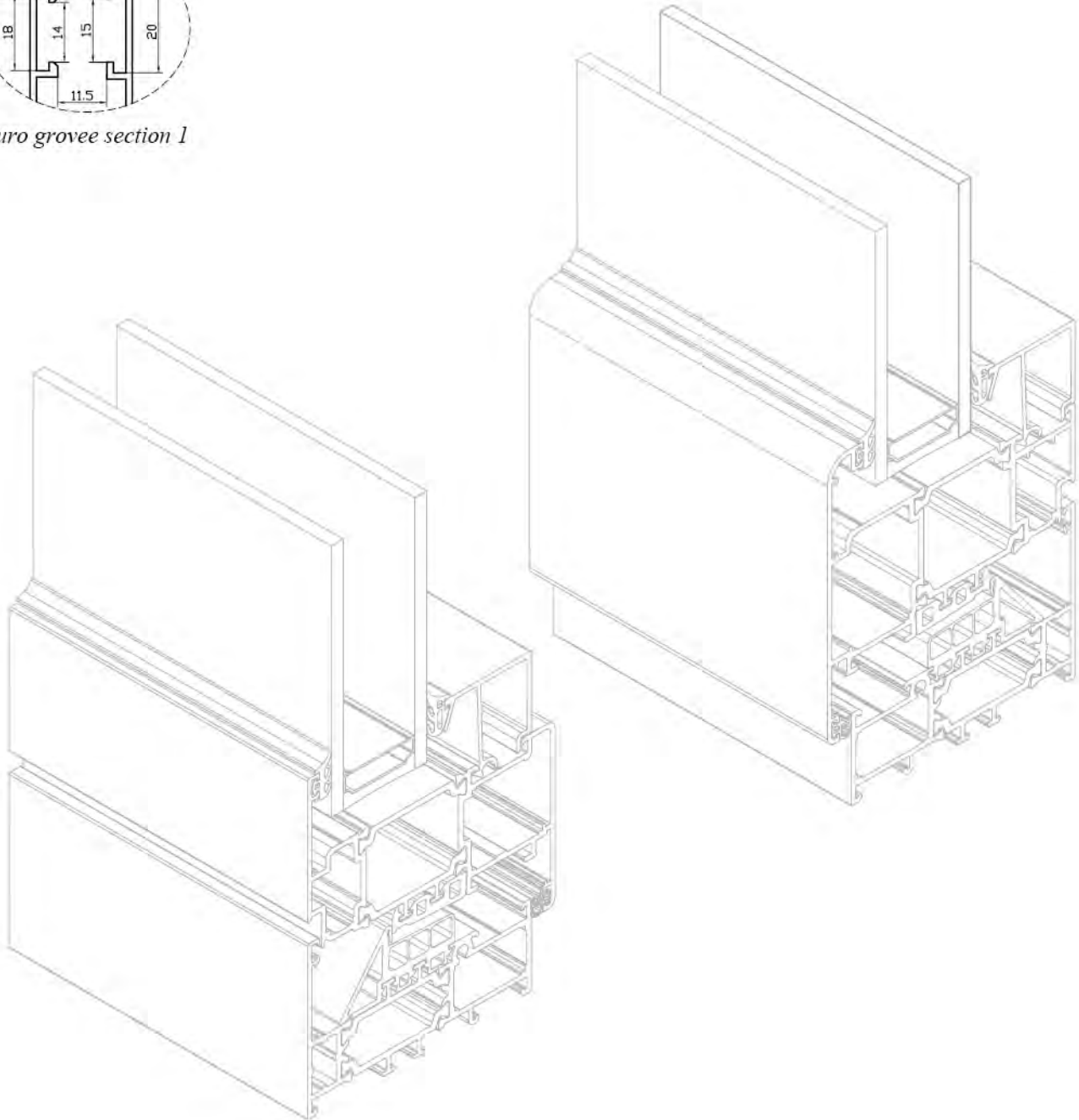
içe açılır pencere
inward opening window

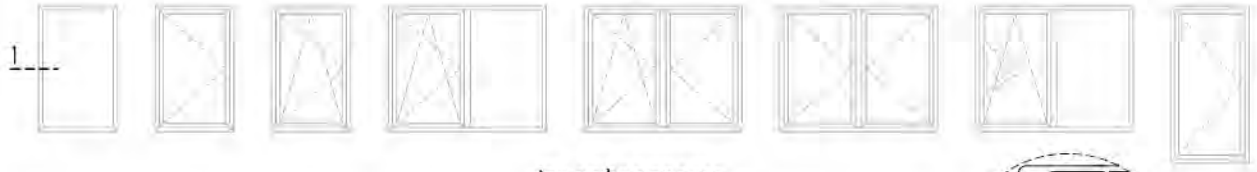


dışa açılır pencere
outward opening window

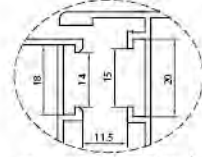


euro groove section 1

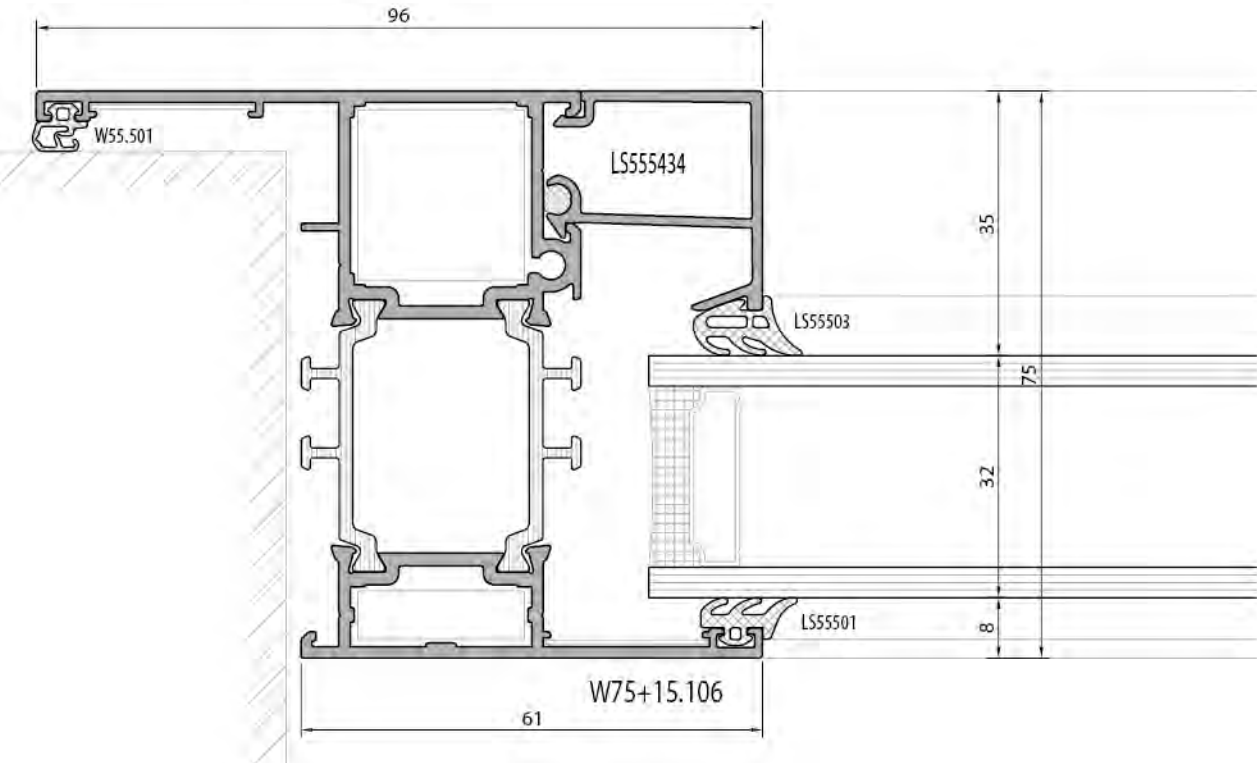
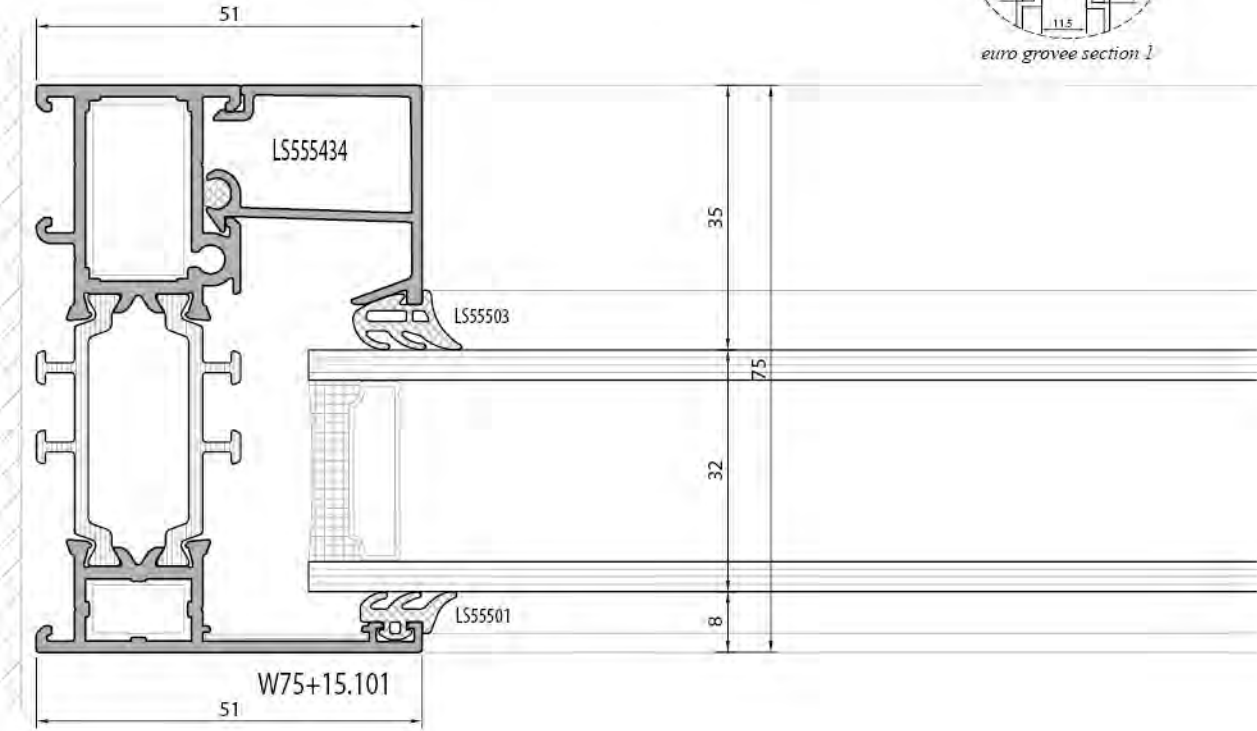


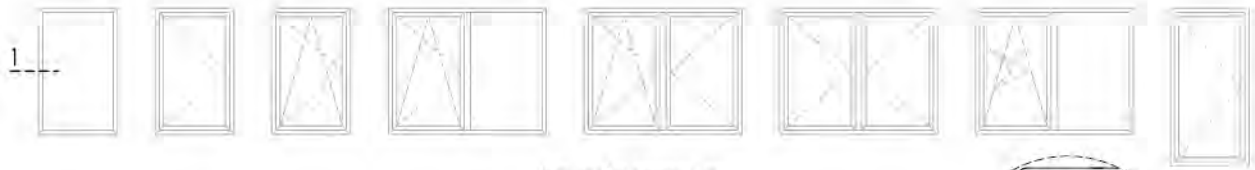


içe açılır pencere
inward opening window

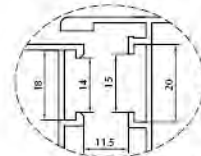


euro groove section 1

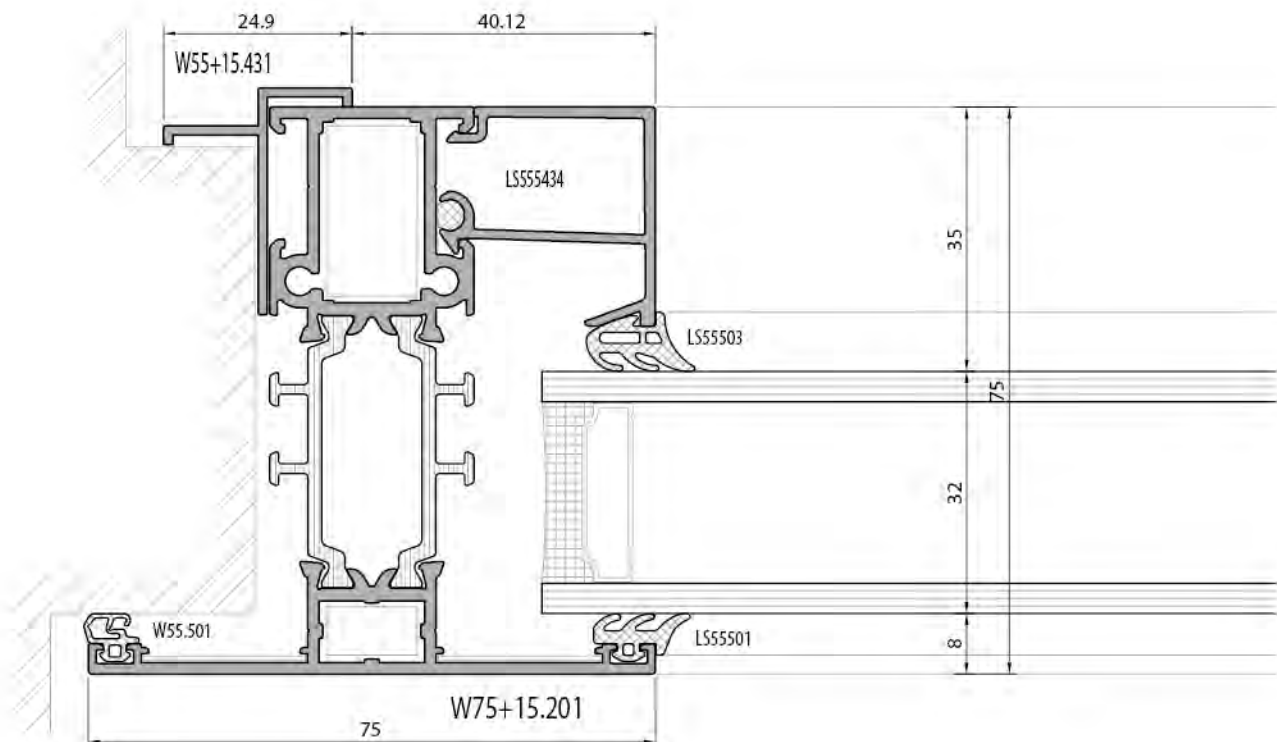
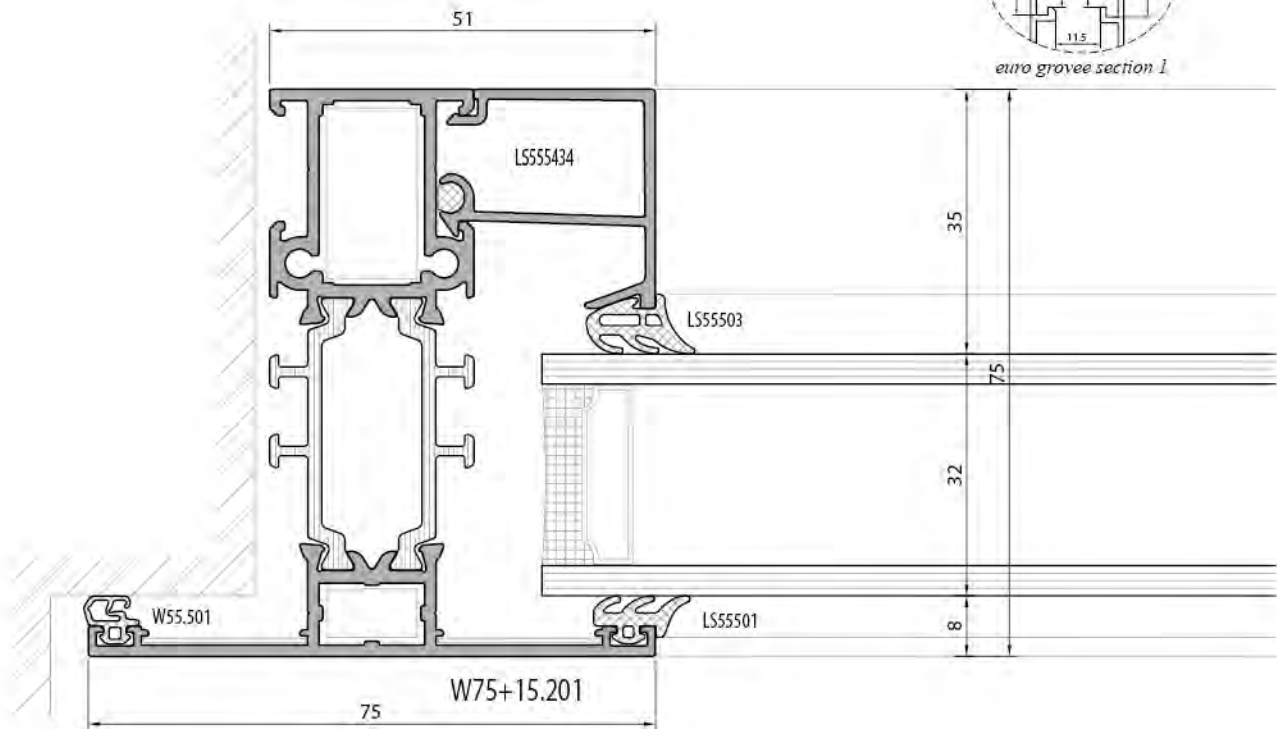


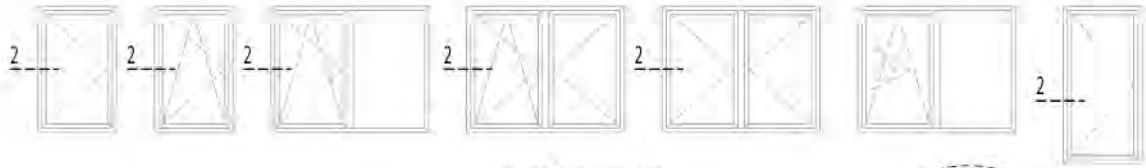


içe açılır pencere
inward opening window

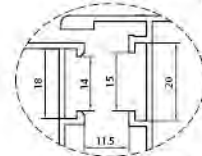


euro grove section 1

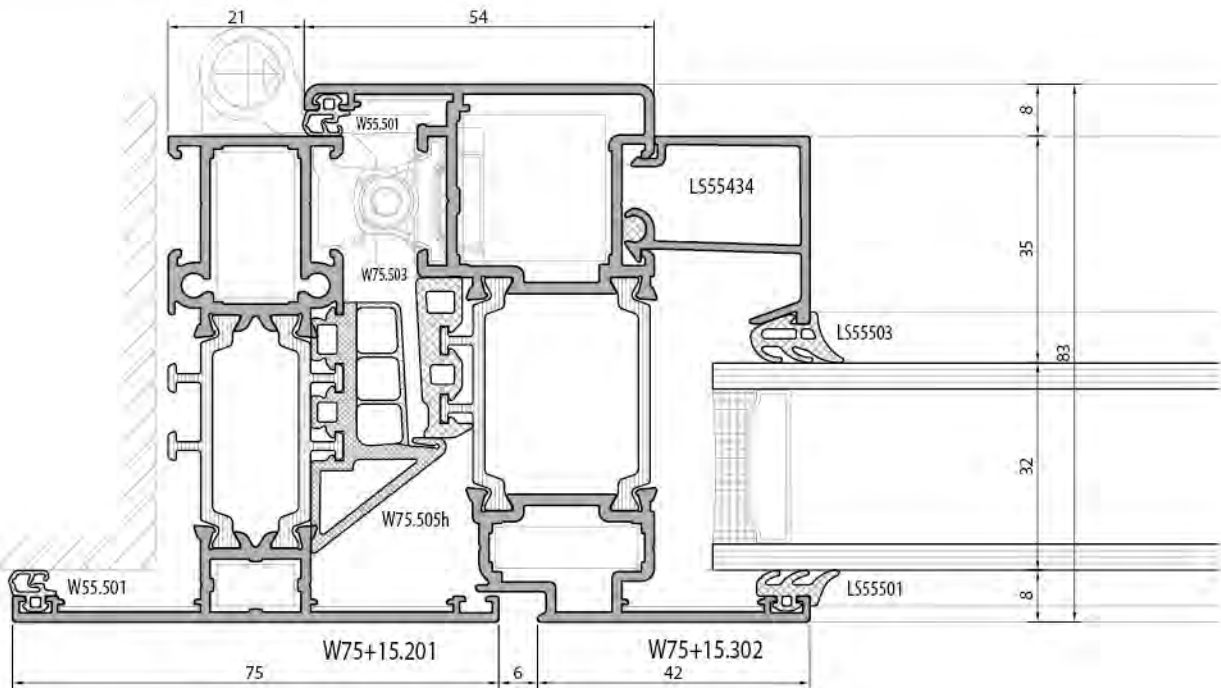
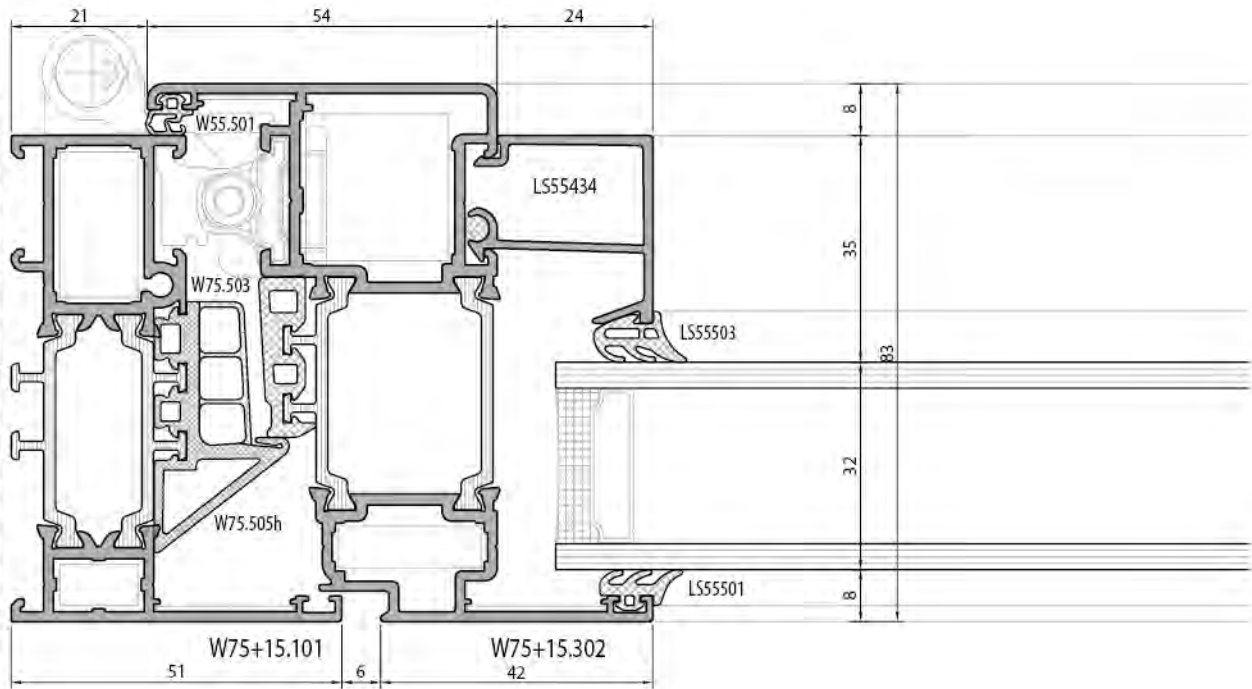


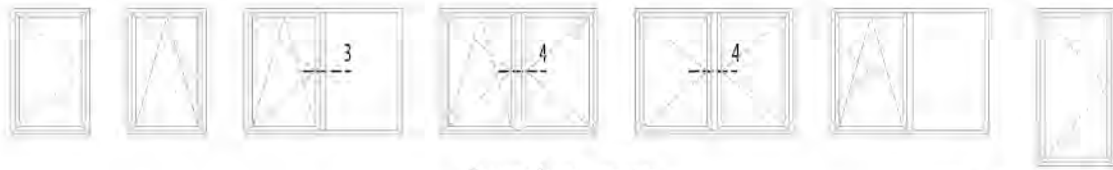


içe açılır pencere
inward opening window

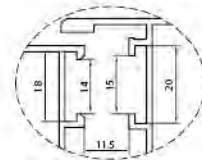


euro groove section 1

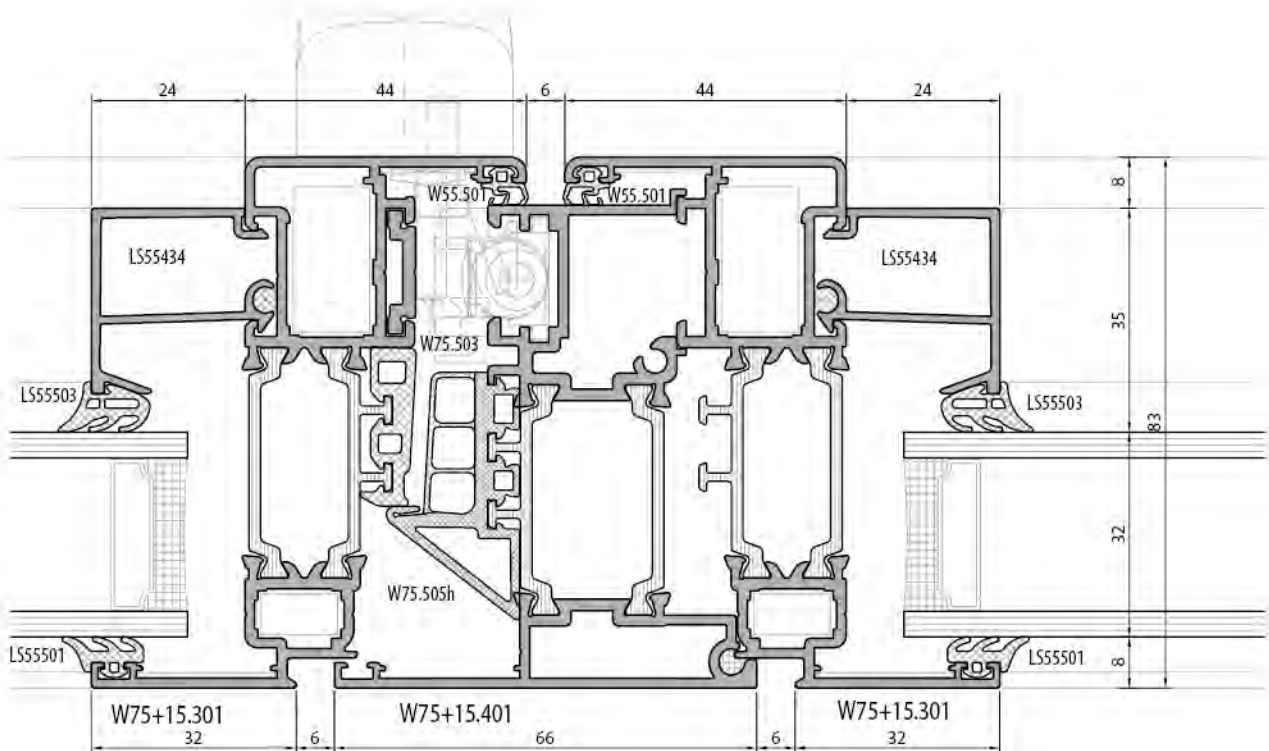
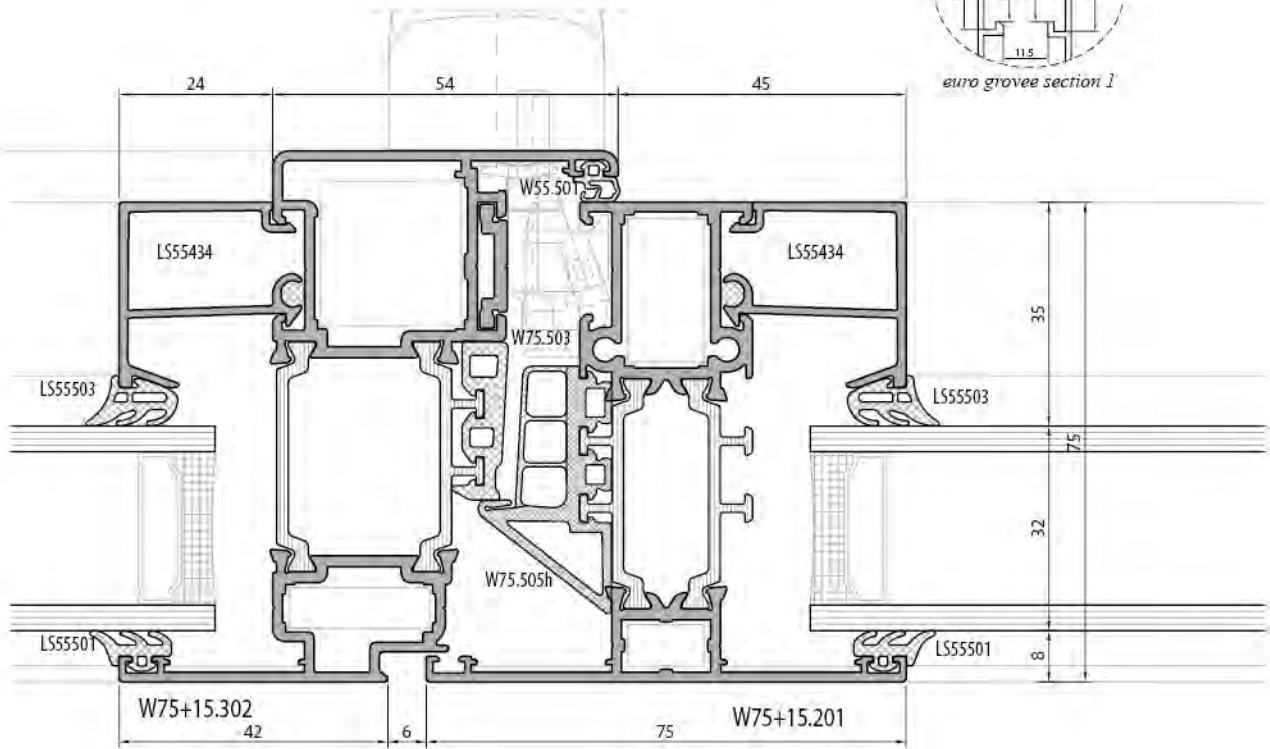


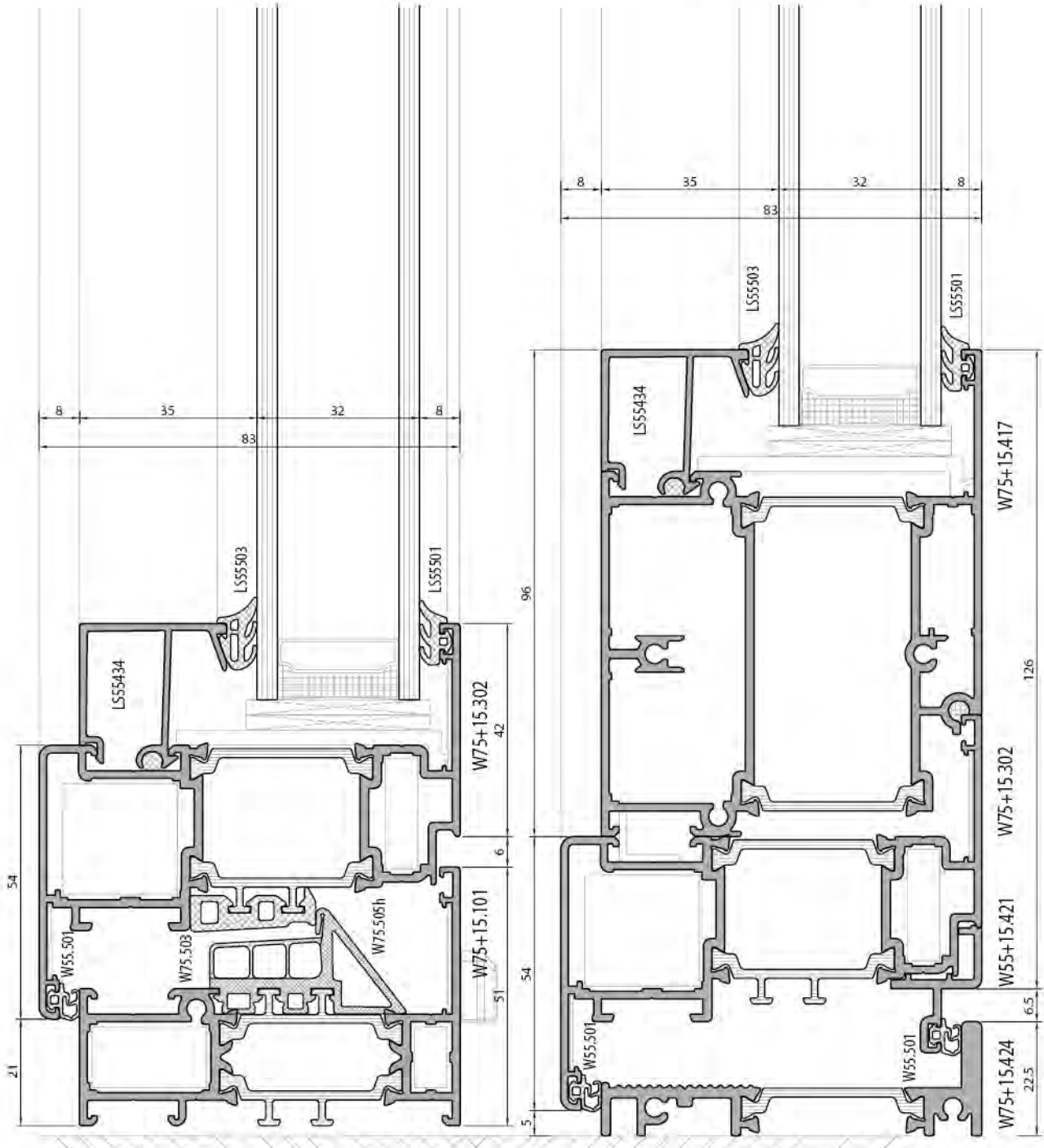


içe açılır pencere
inward opening window



euro grove section 1

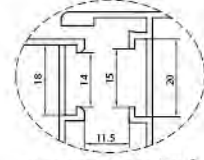




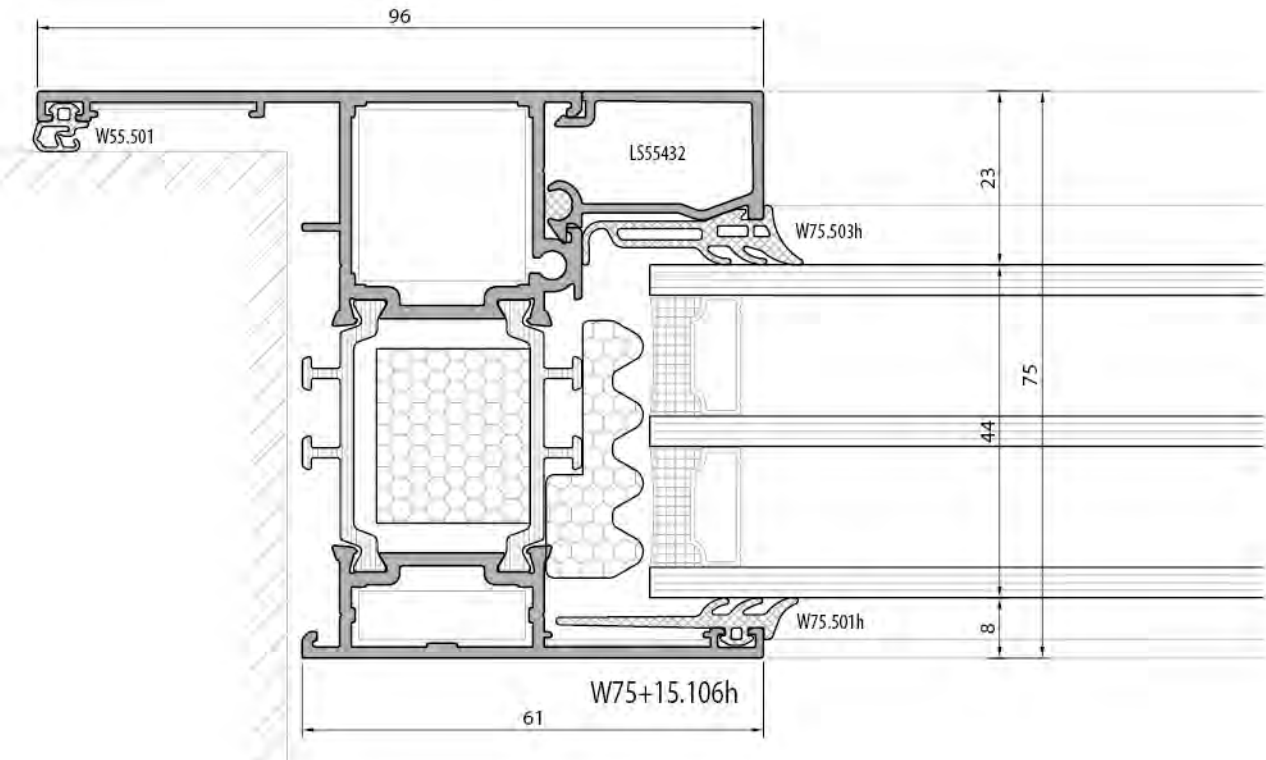
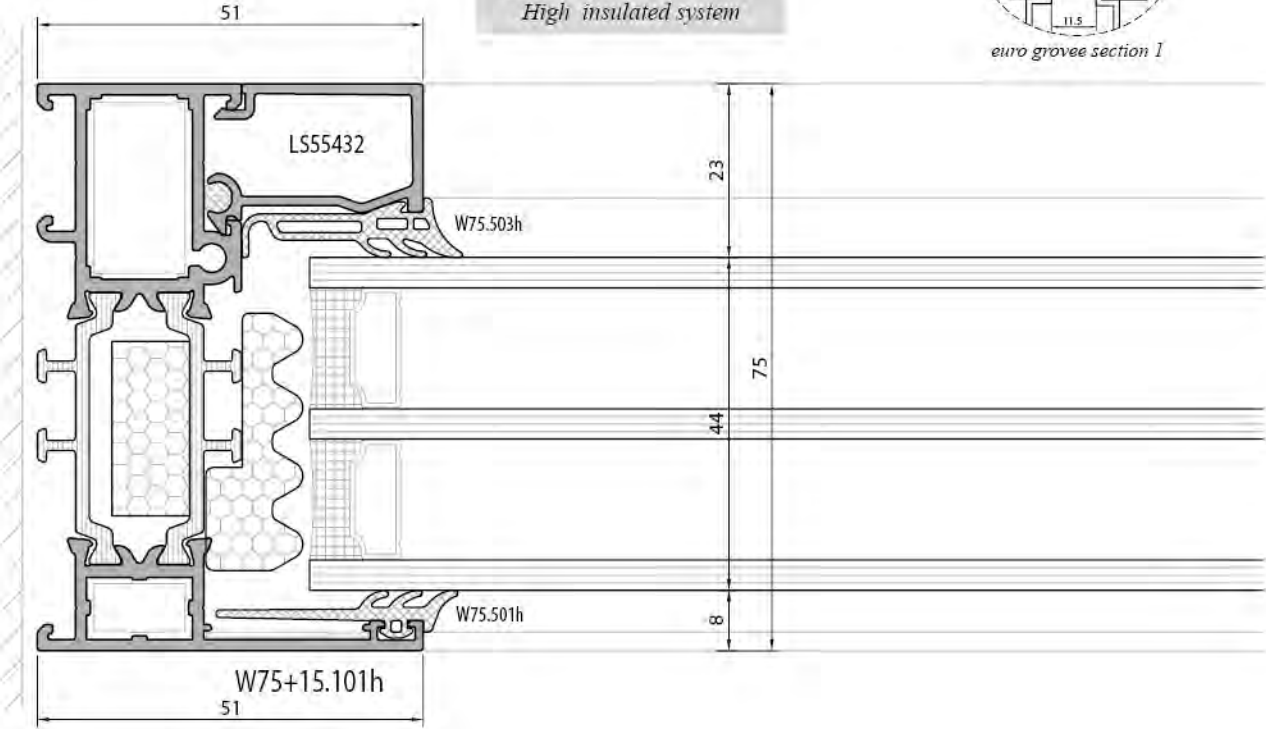


içe açılır pencere
inward opening window

Yüksek yalıtımlı sistem
High insulated system



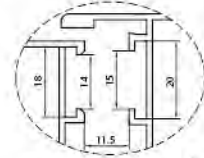
euro groove section I



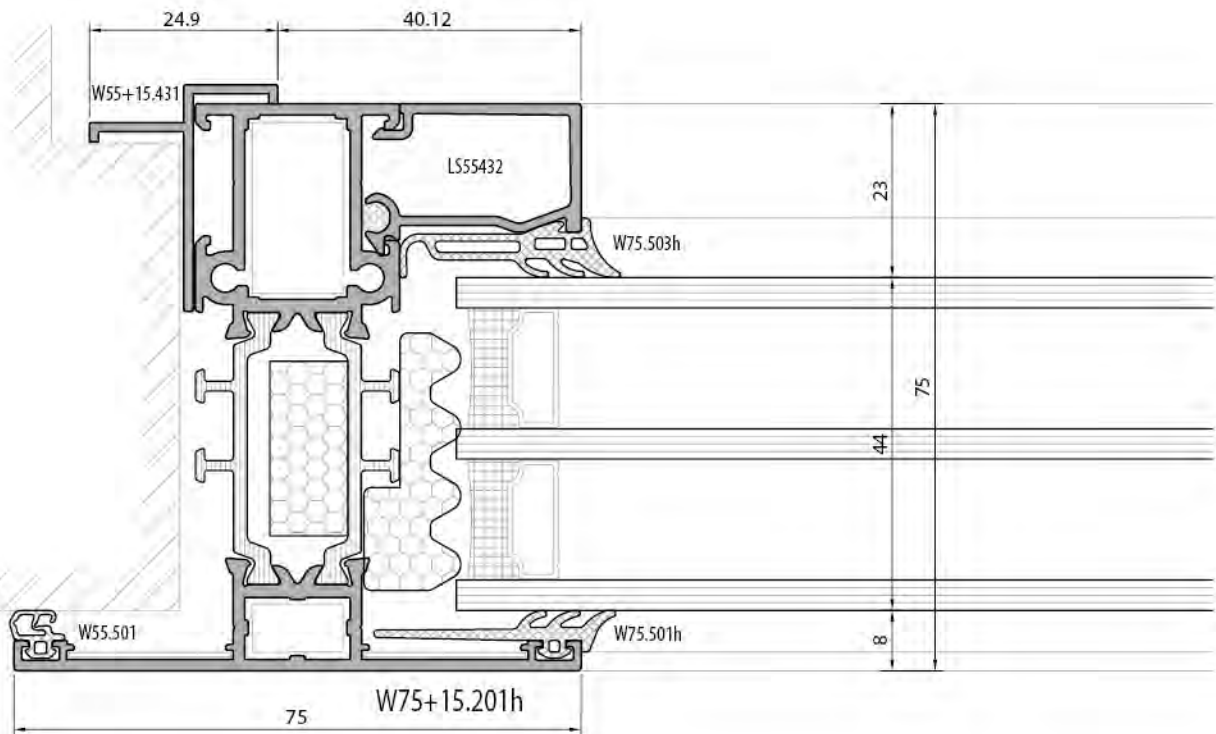
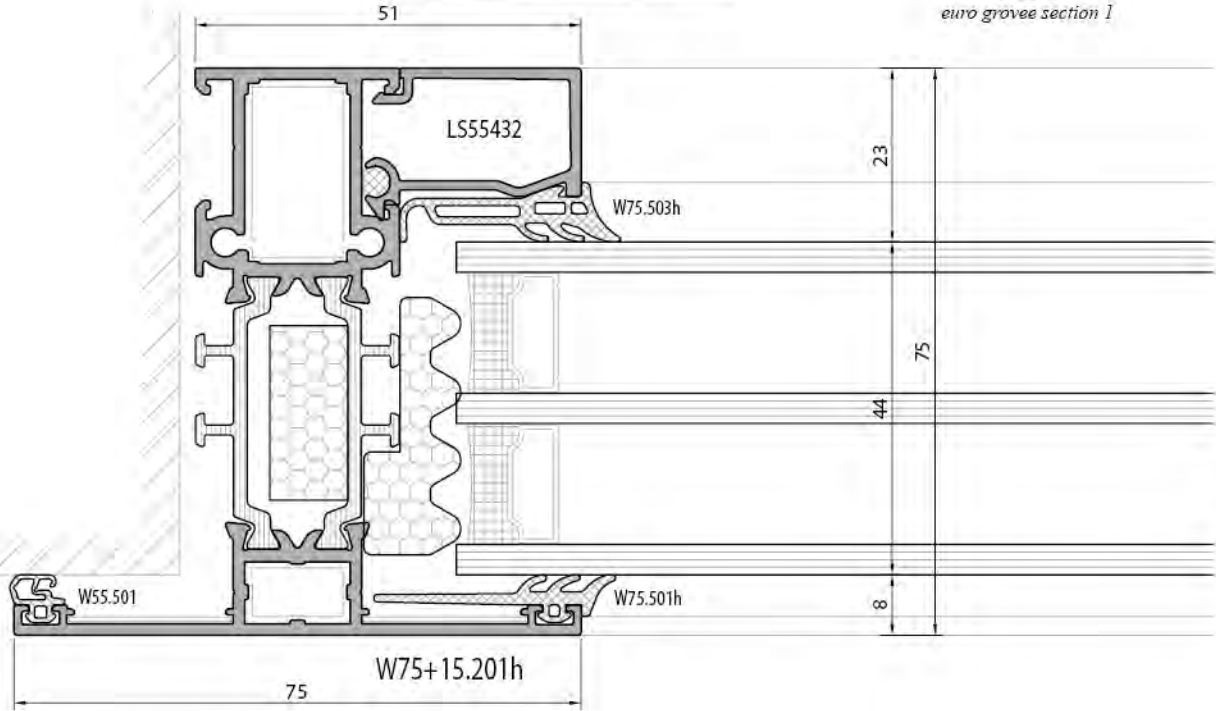


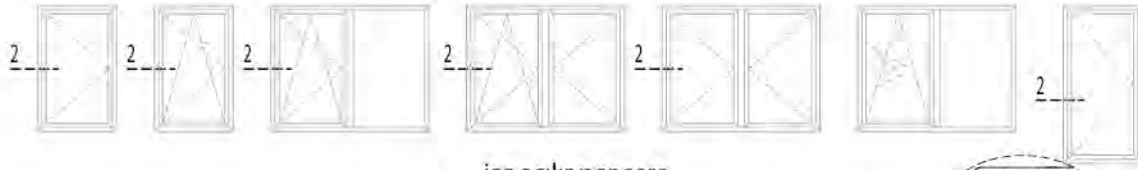
içe açılır pencere
inward opening window

Yüksek yalıtımlı sistem
High insulated system



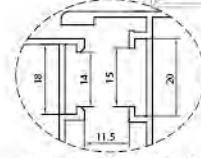
euro groove section I



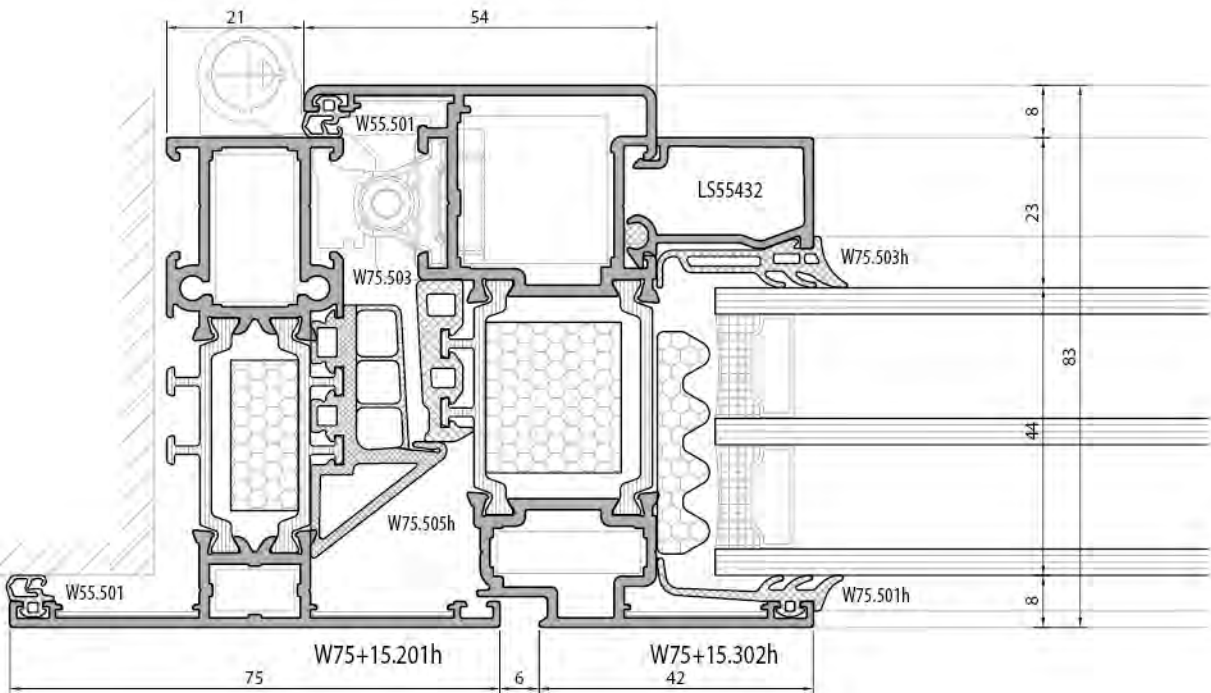
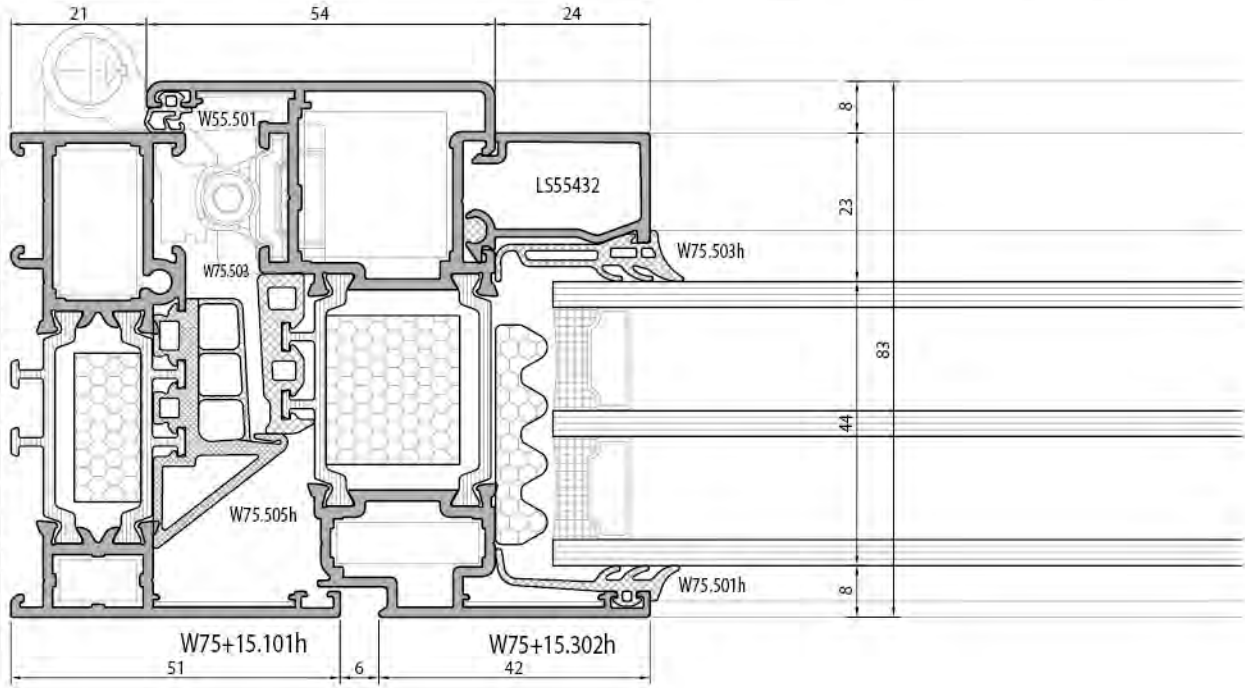


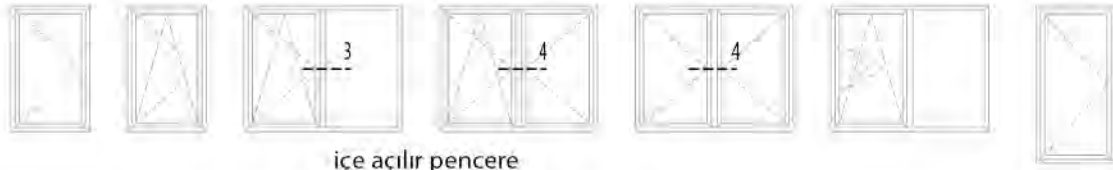
içe açılır pencere
inward opening window

Yüksek yalıtımlı sistem
High insulated system



euro groove section 1



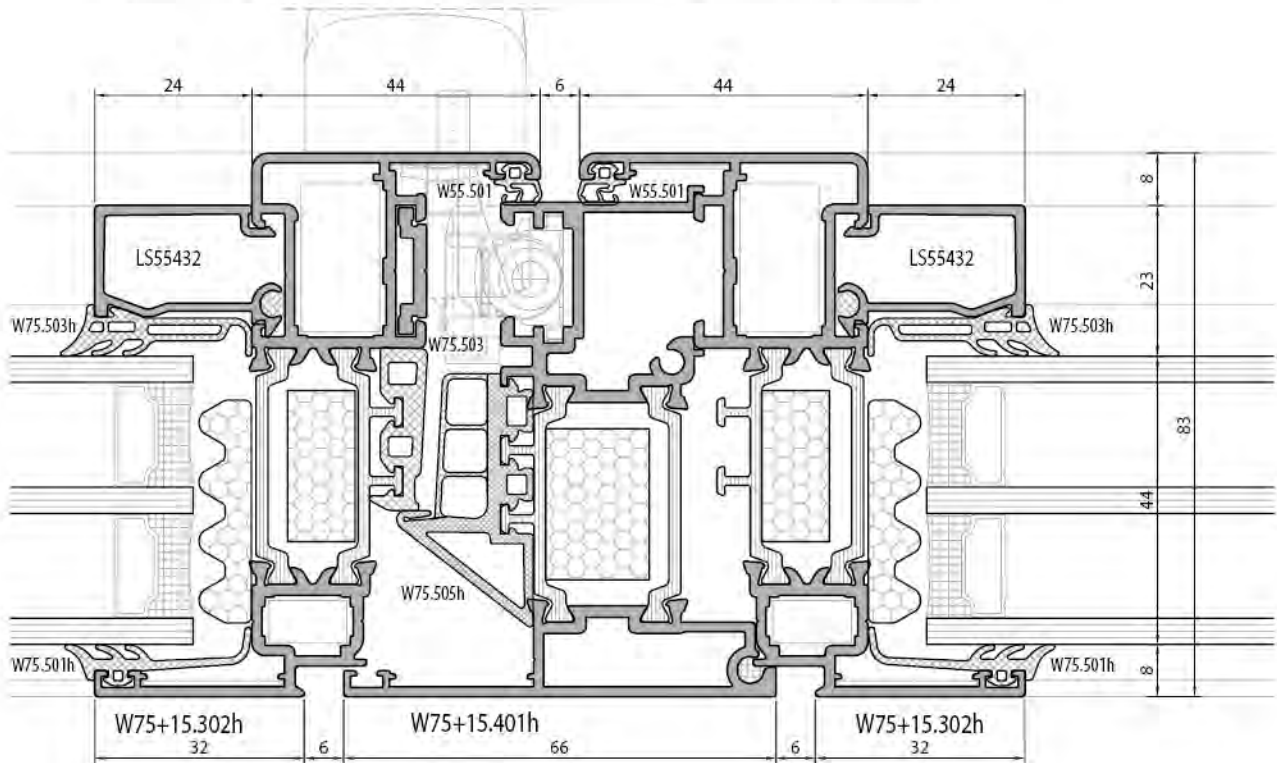
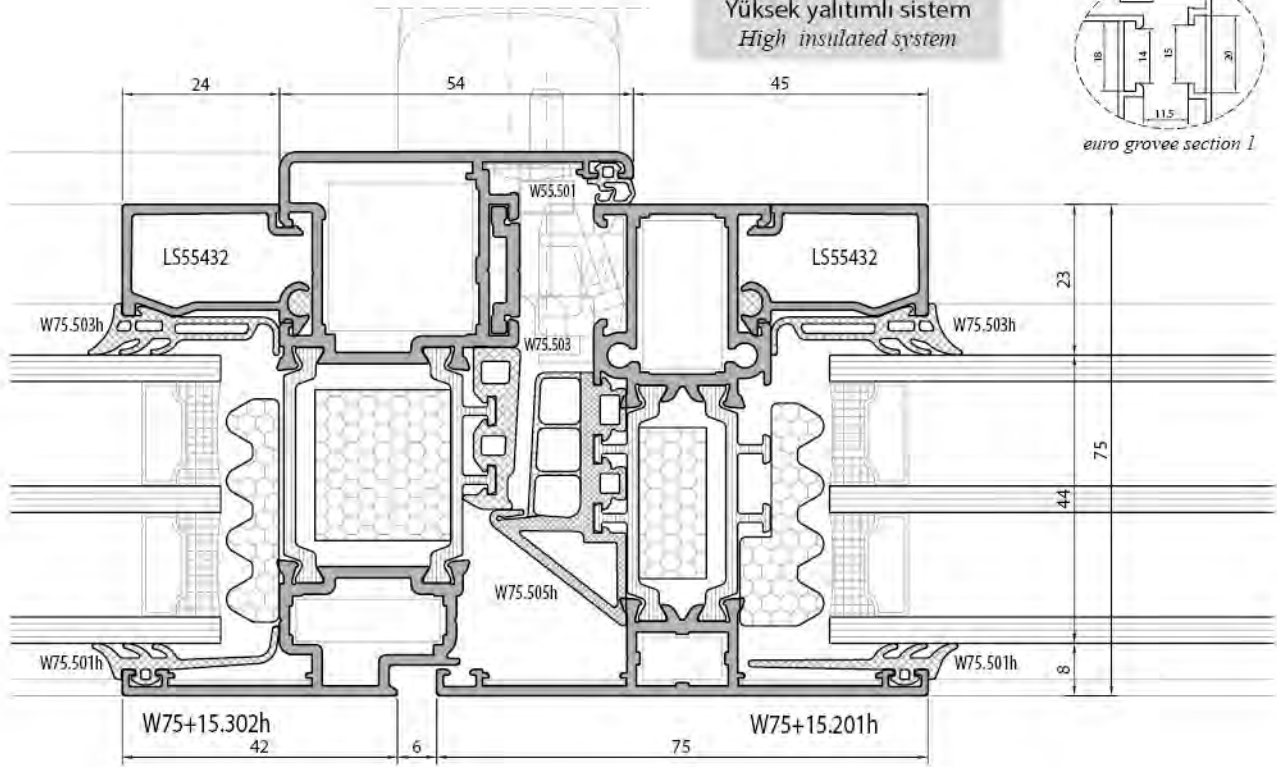


içe açılır pencere
inward opening window

Yüksek yalıtımlı sistem
High insulated system



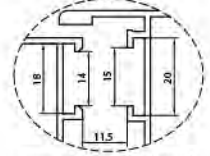
euro groove section 1



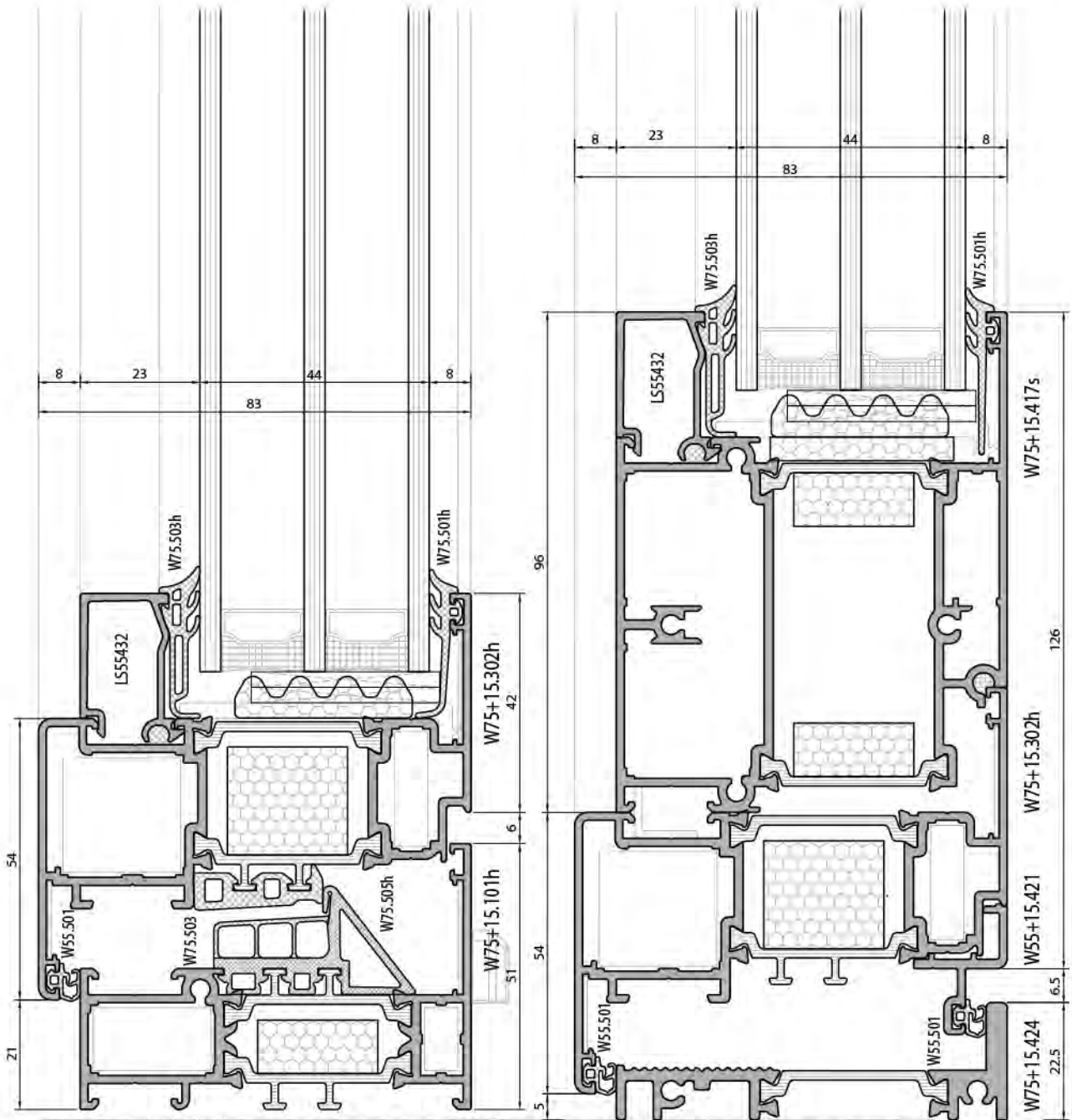


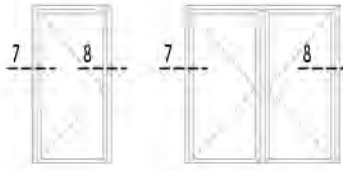
içe açılır pencere
inward opening window

Yüksek yalıtımlı sistem
High insulated system

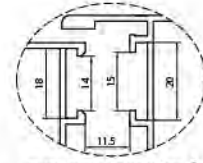


euro groove section 1

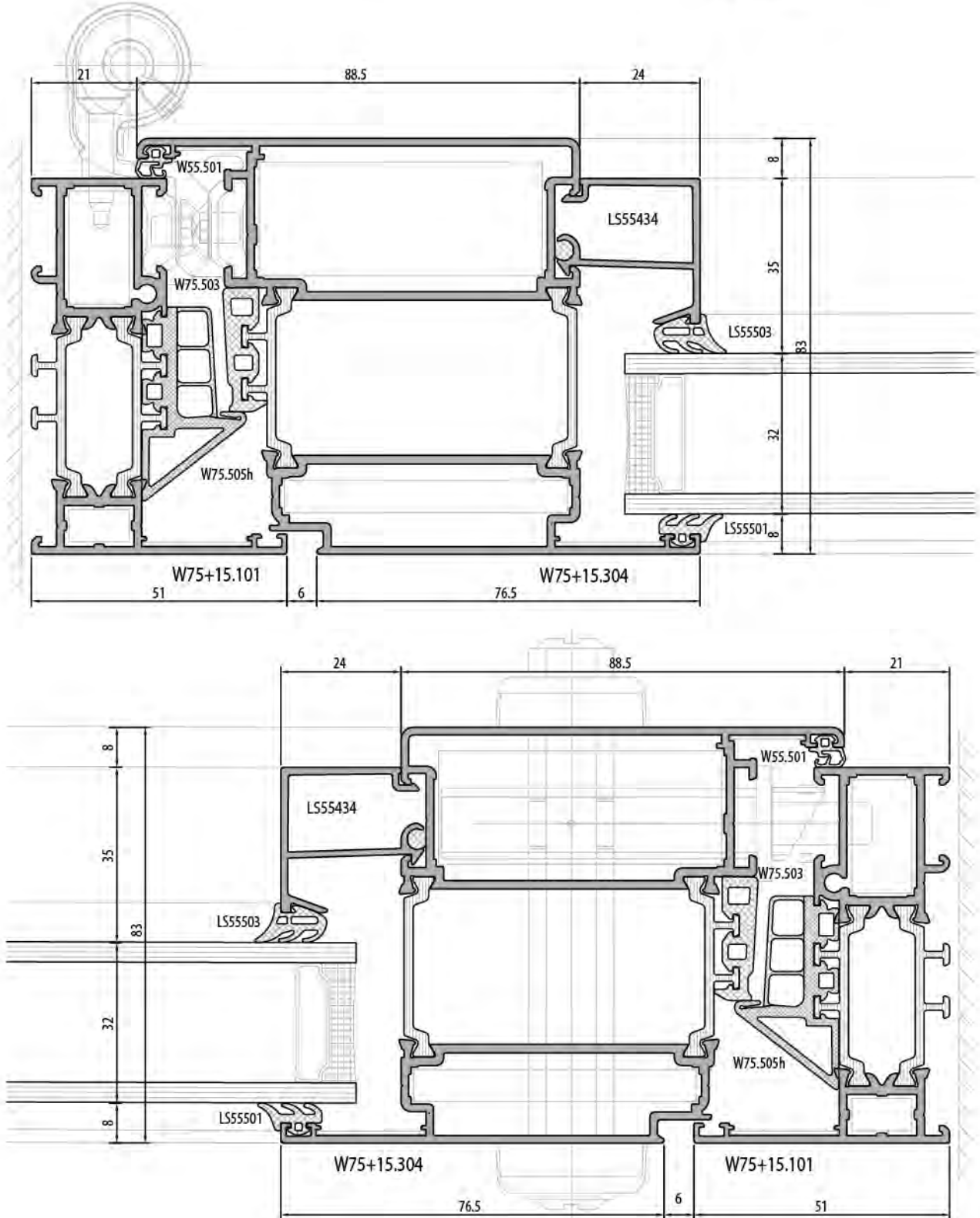


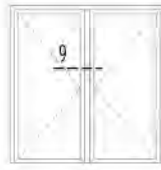


içe açılır kapı
inward opening door

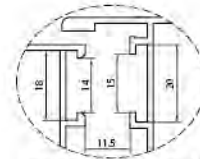


euro groove section 1

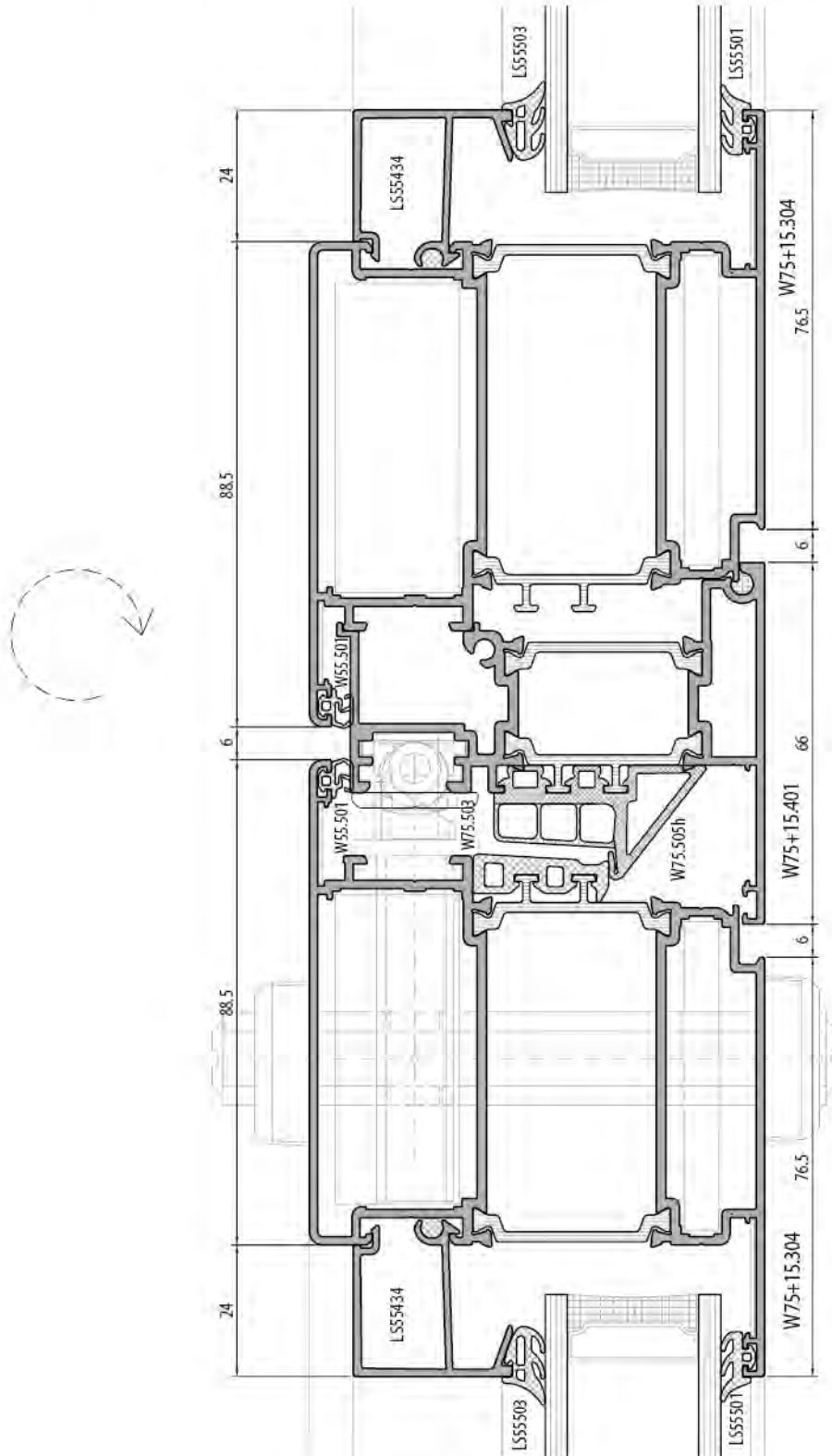




içe açılır kapı
inward opening door

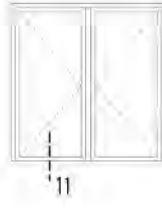


euro grove section 1



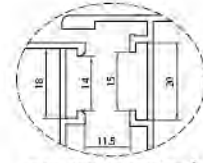


10

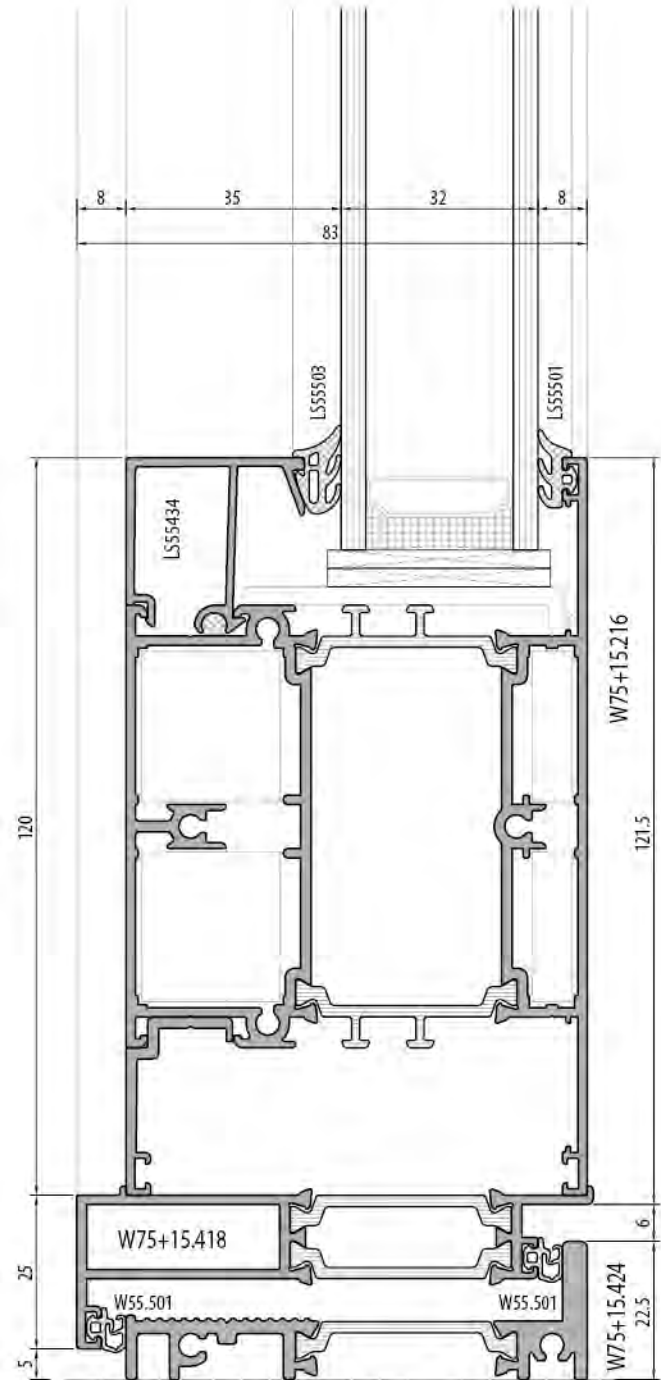
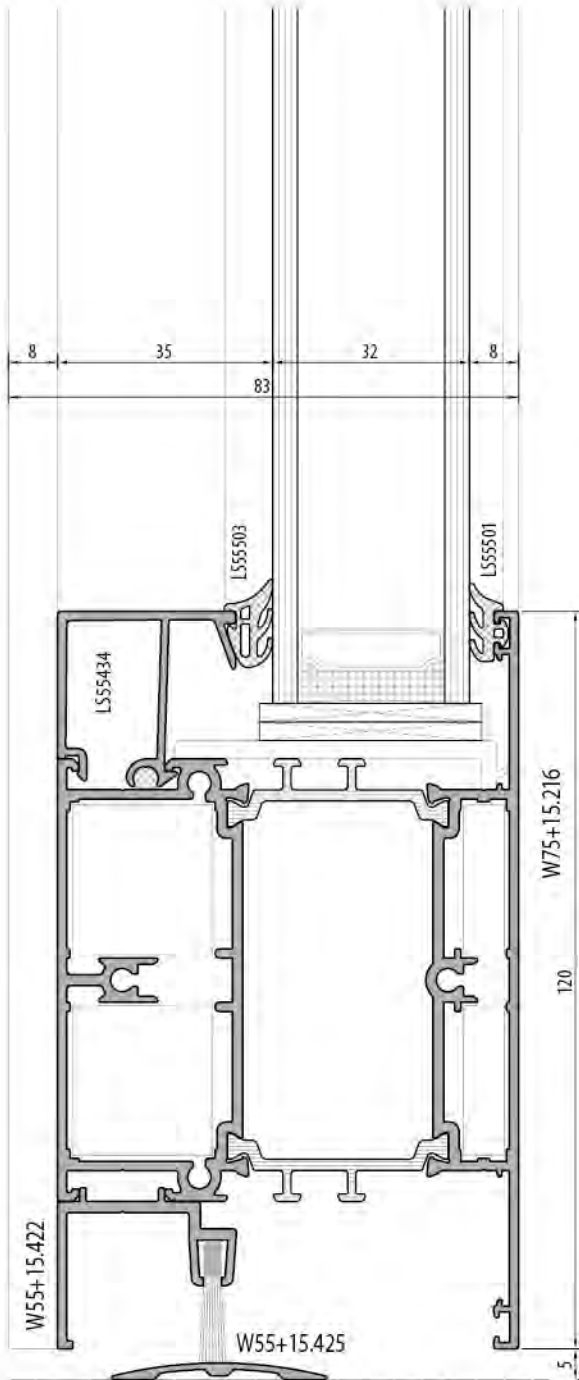


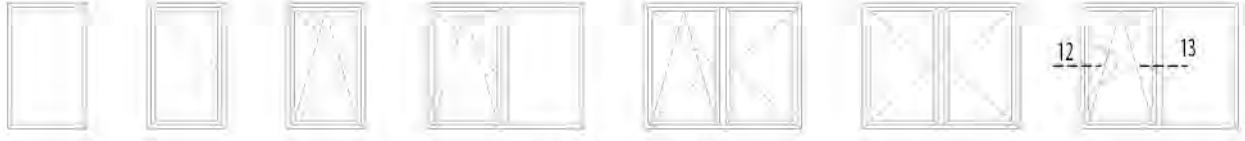
11

içe açılır kapı
inward opening door

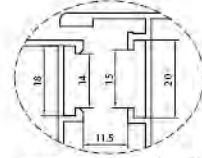


euro groove section 1

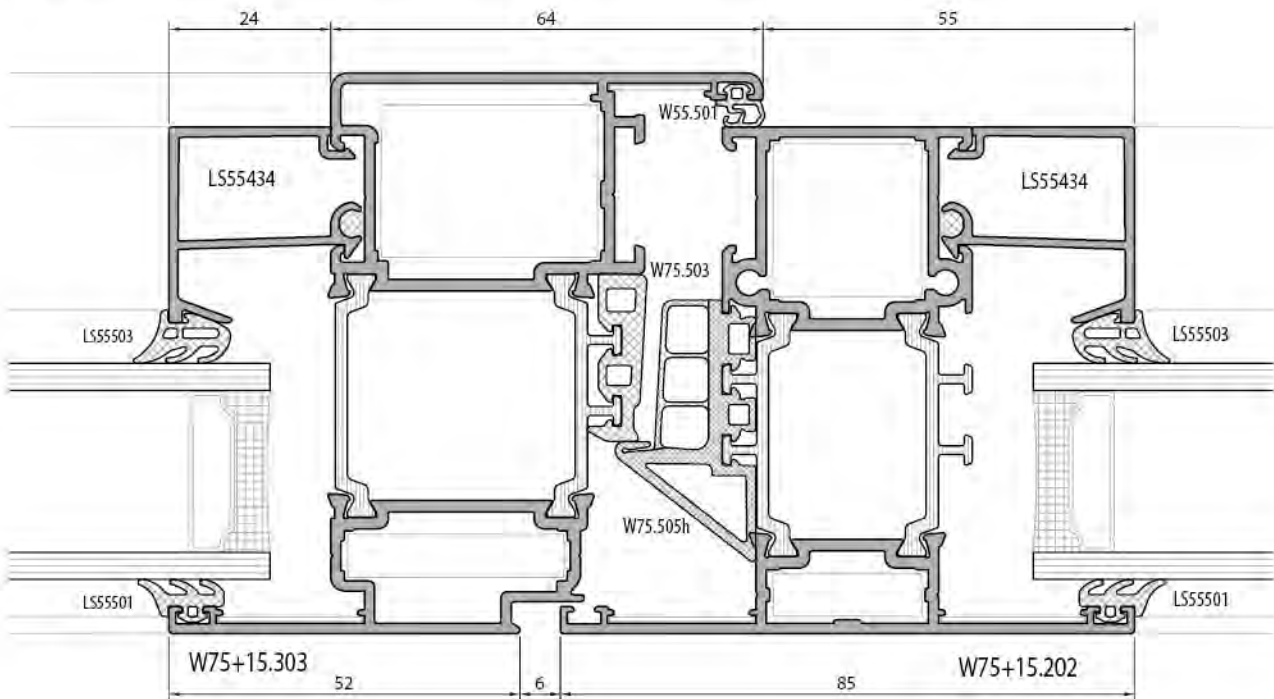
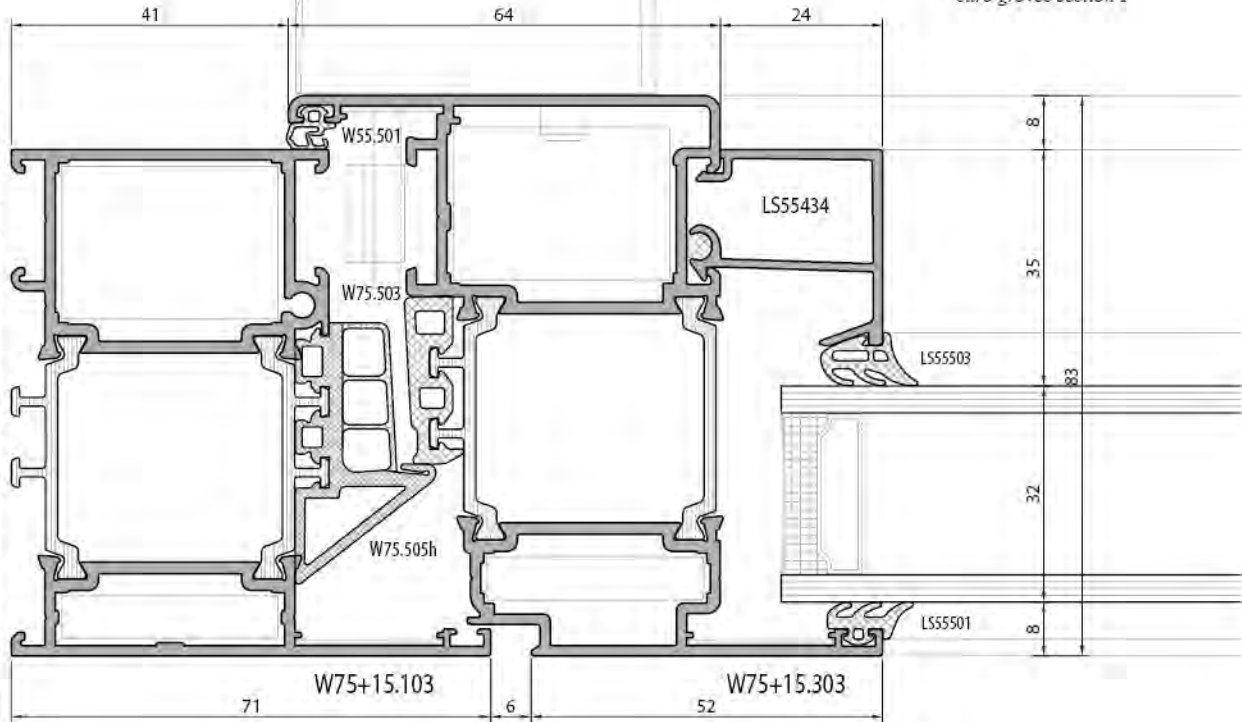


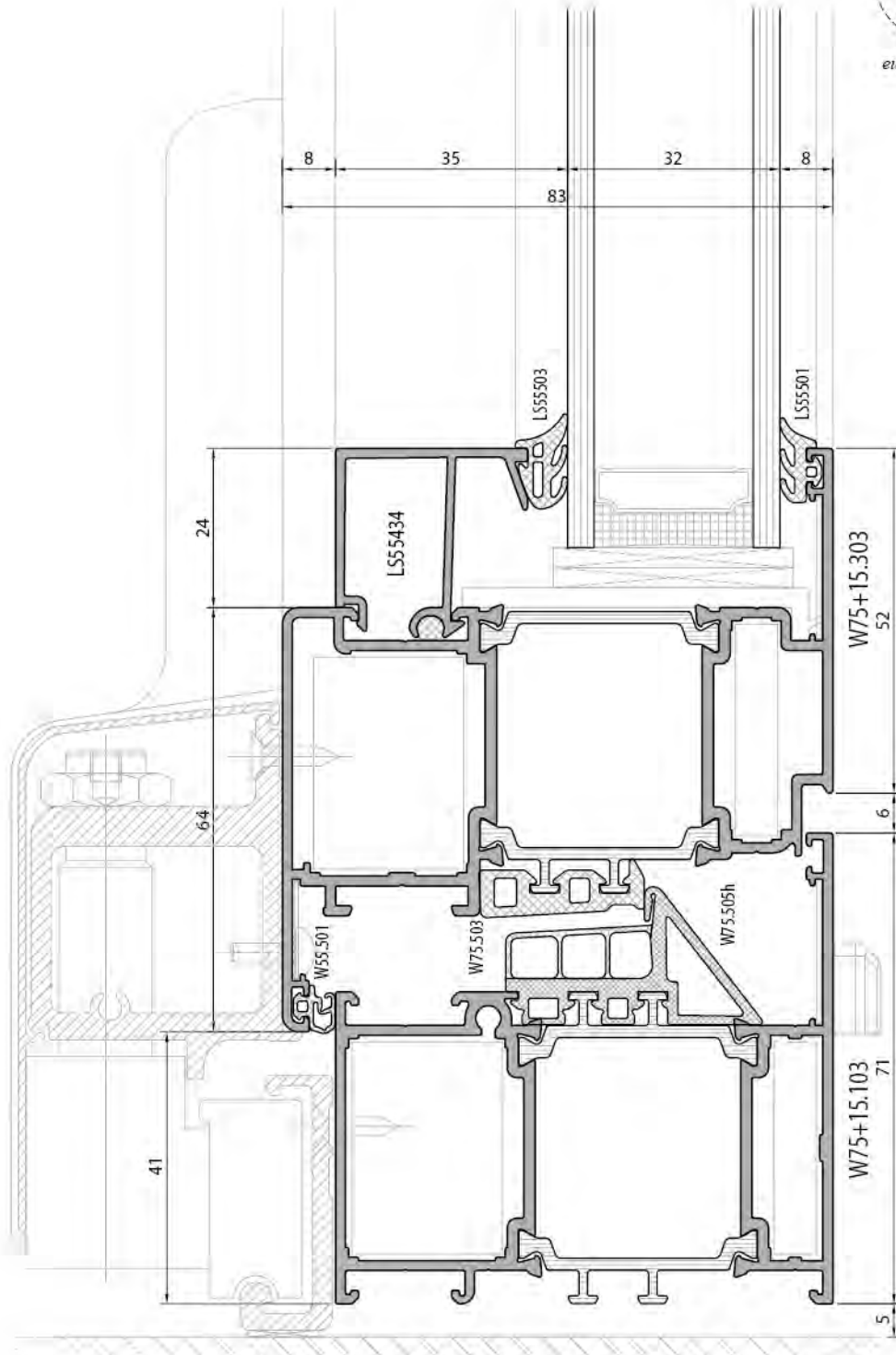
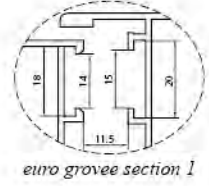


içe açılır pencere
inward opening window



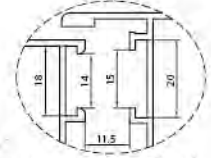
euro groove section 1



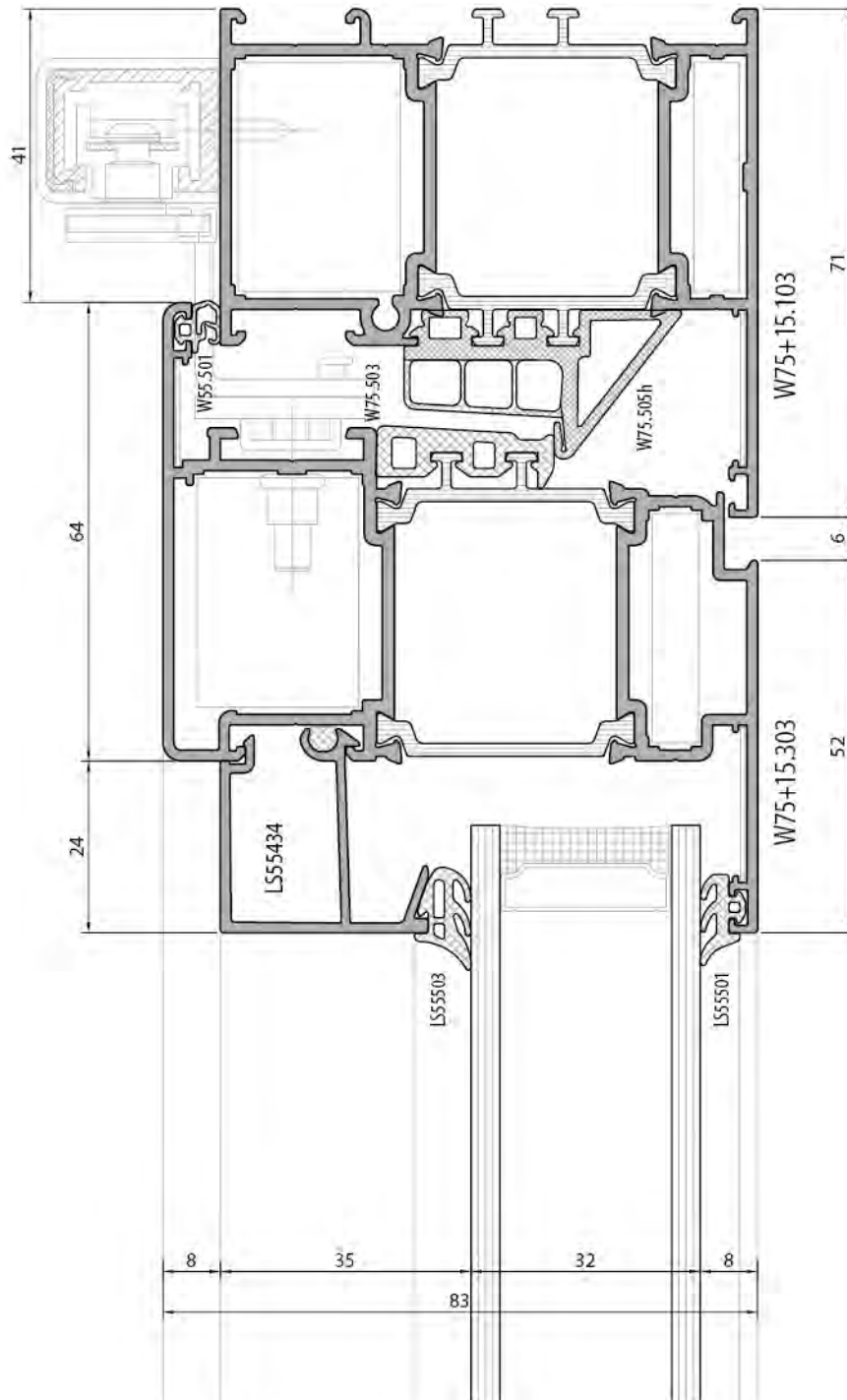


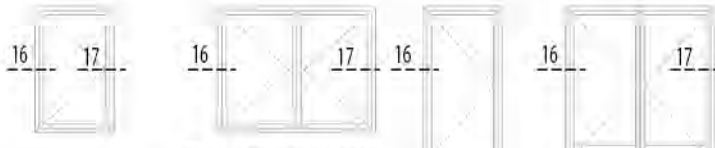


içe açılır pencere
inward opening window

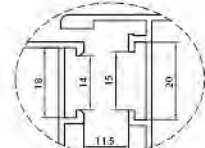


euro groove section 1

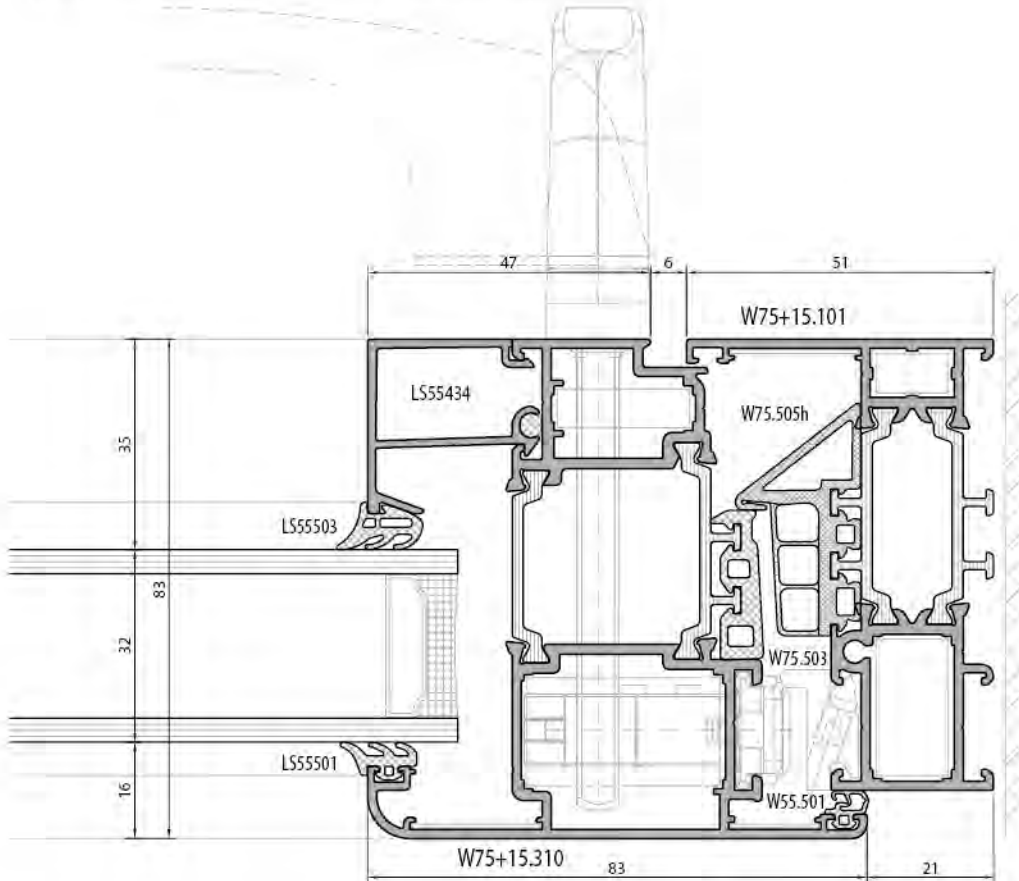
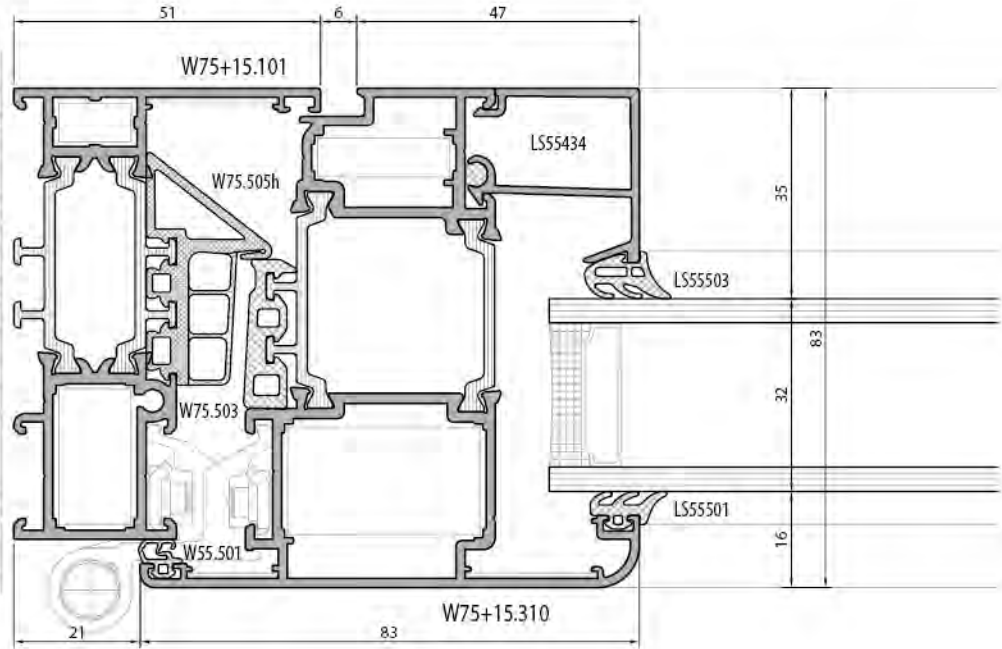


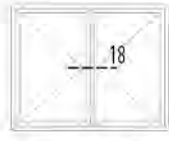


dışa açılır pencere
outward opening window

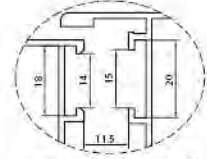


euro groove section I

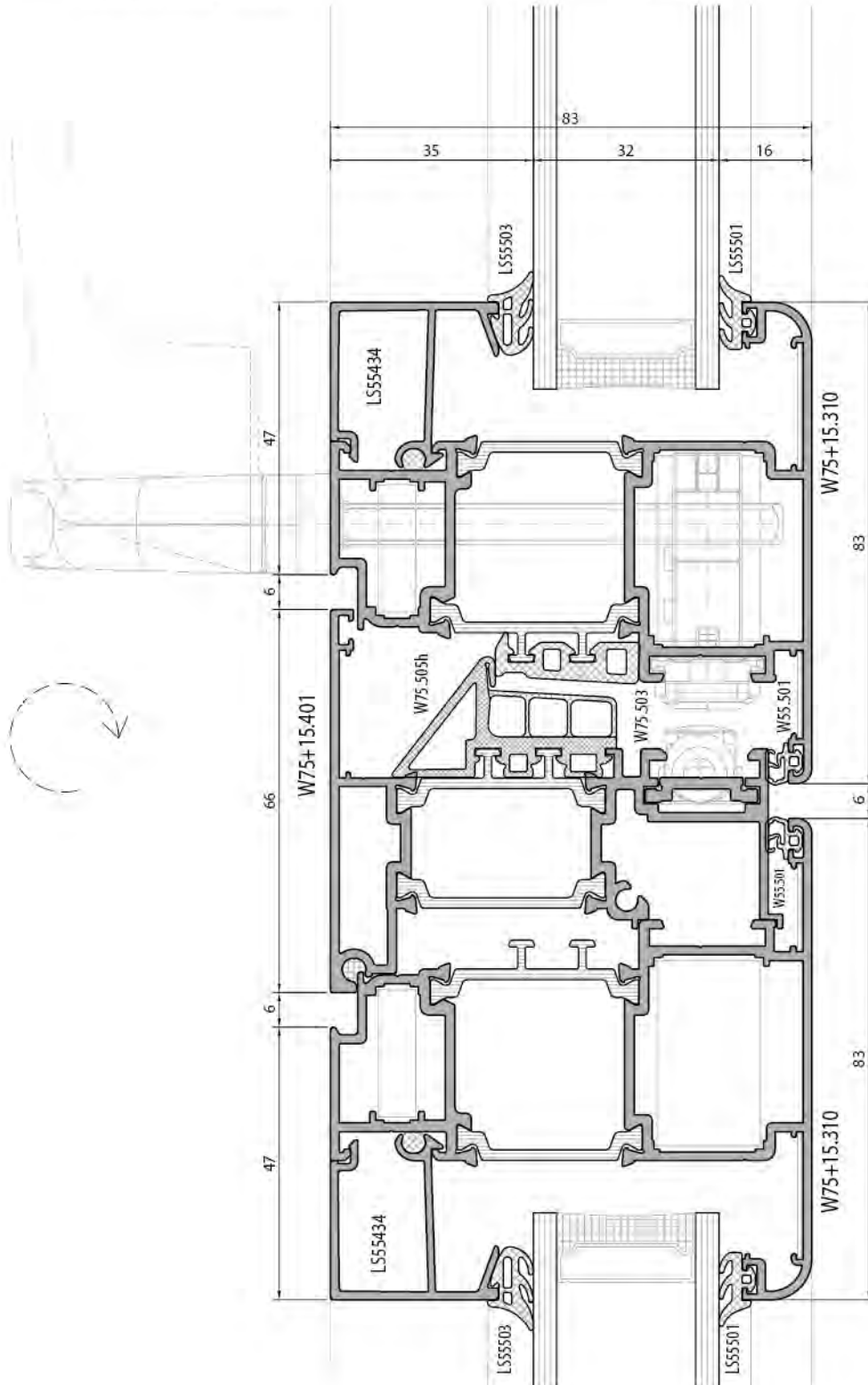


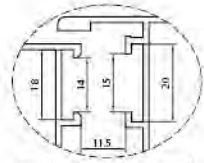
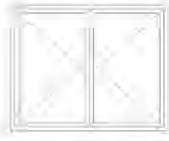


dışa açılır pencere
outward opening window



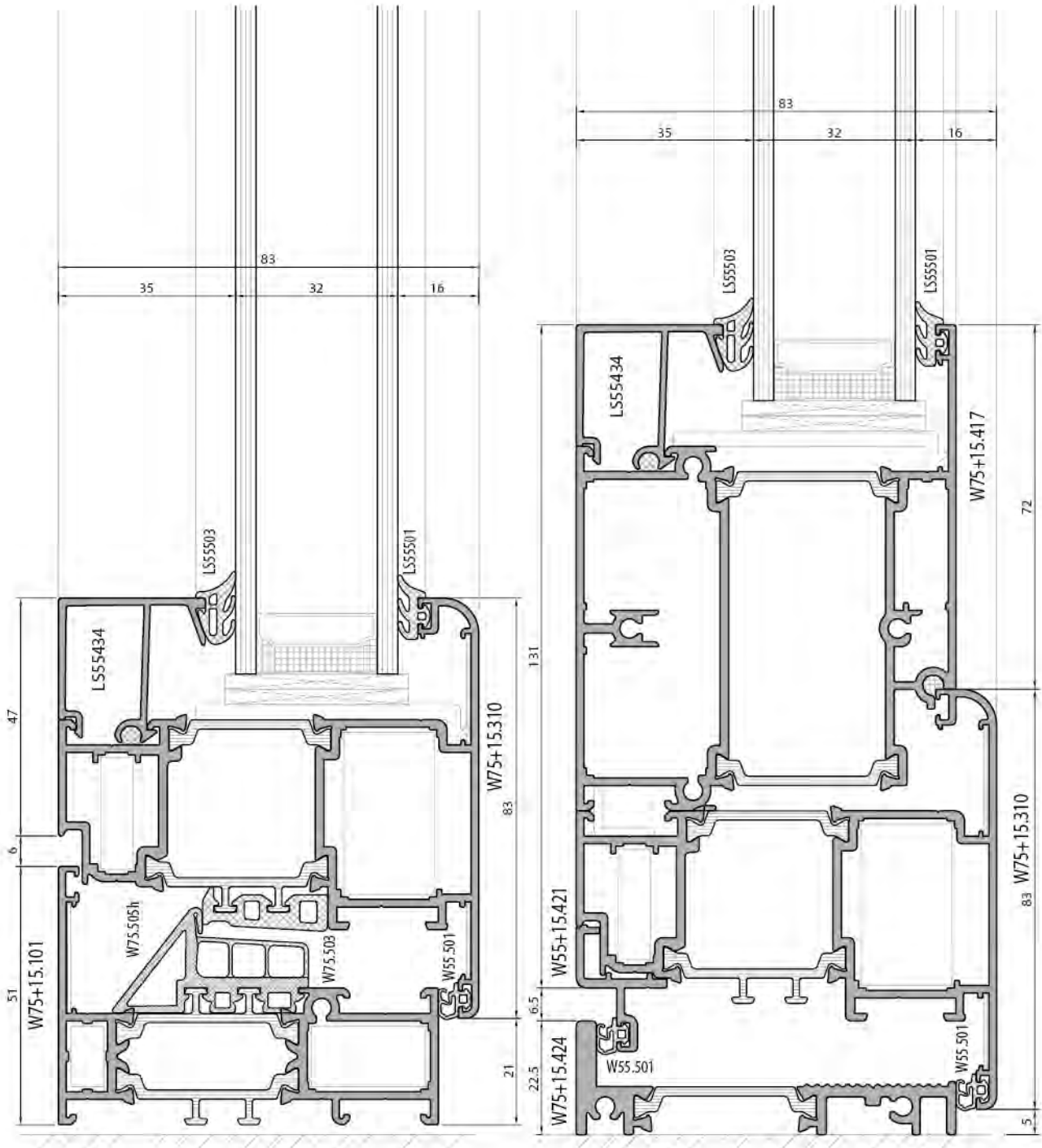
euro groove section I

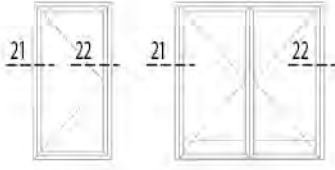




euro groove section 1

dışa açılır pencere
outward opening window

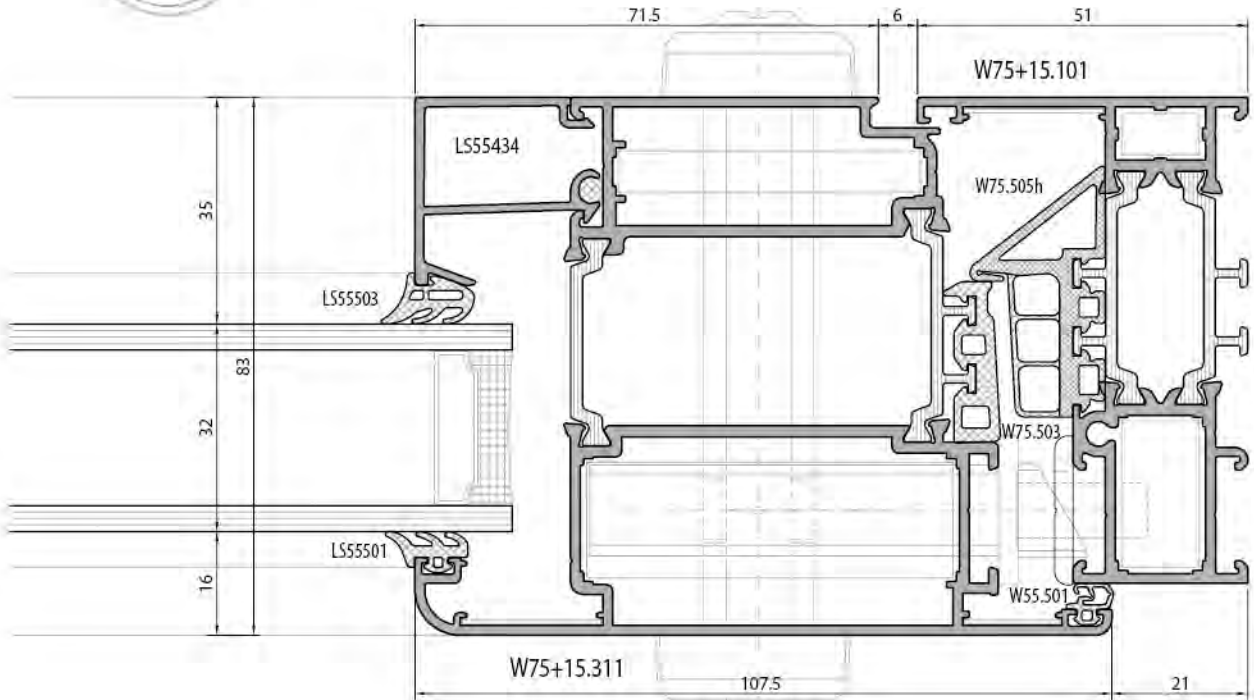
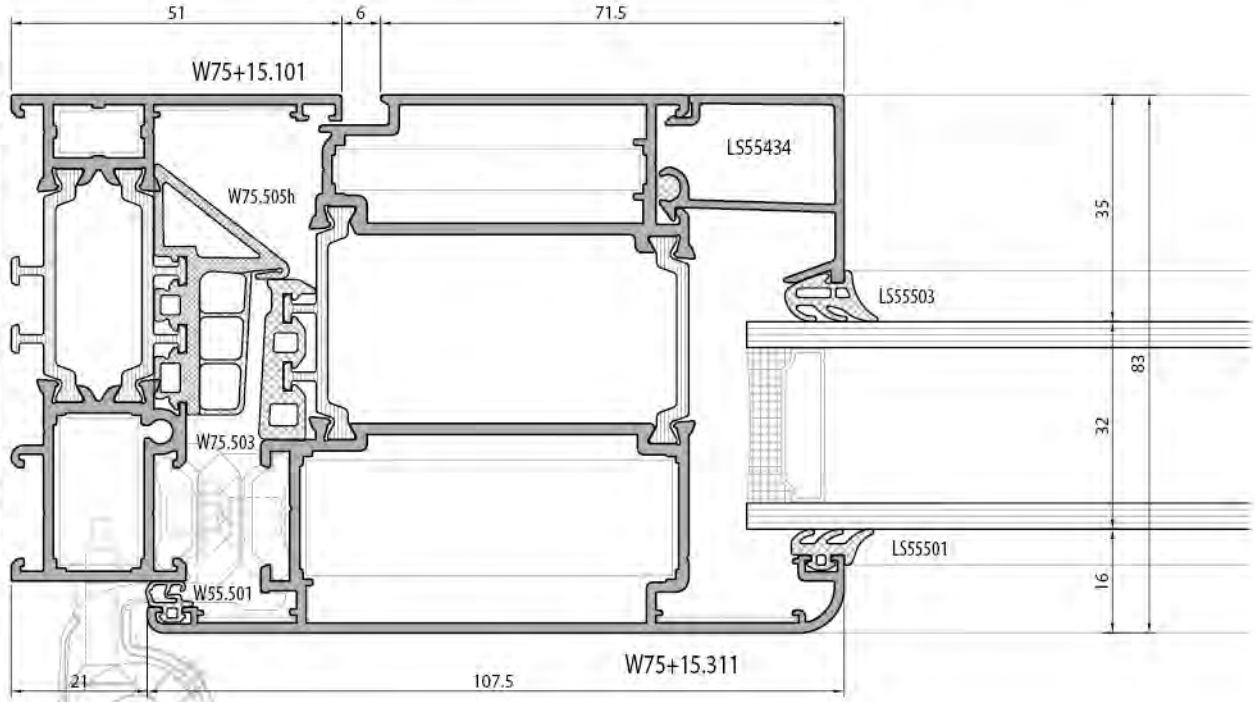


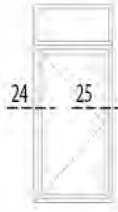


dışa açılır kapı
outward opening door

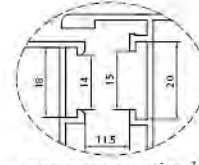


euro groove section 1

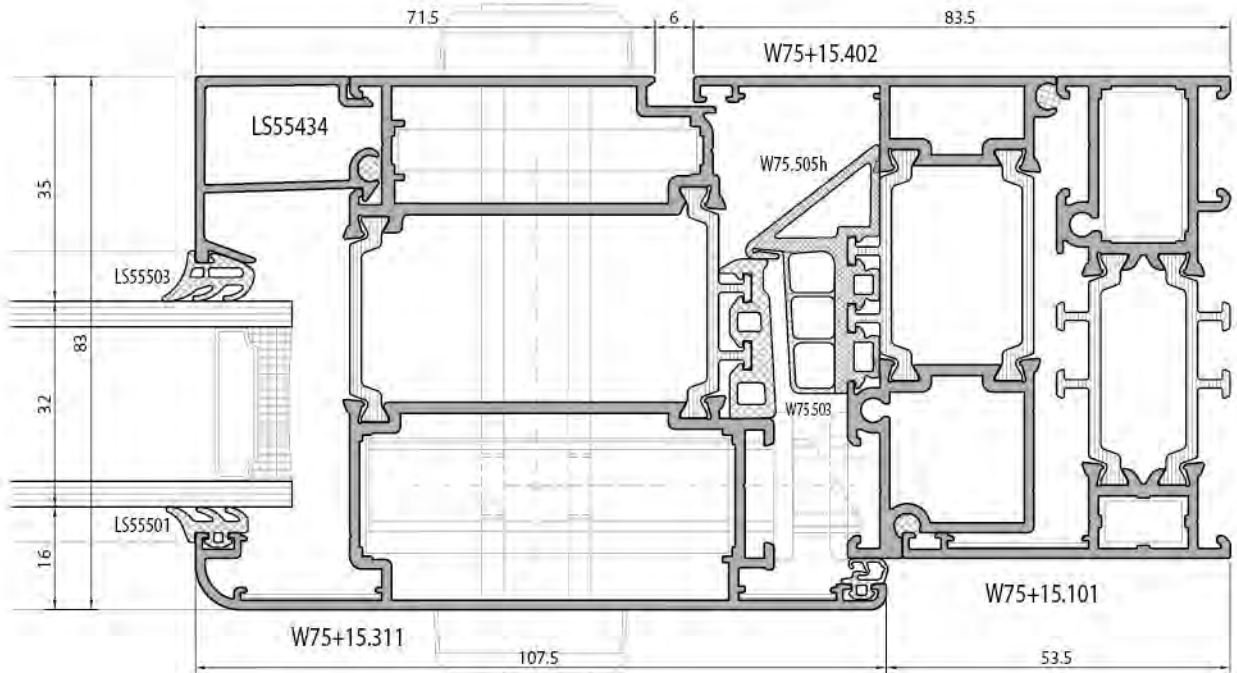
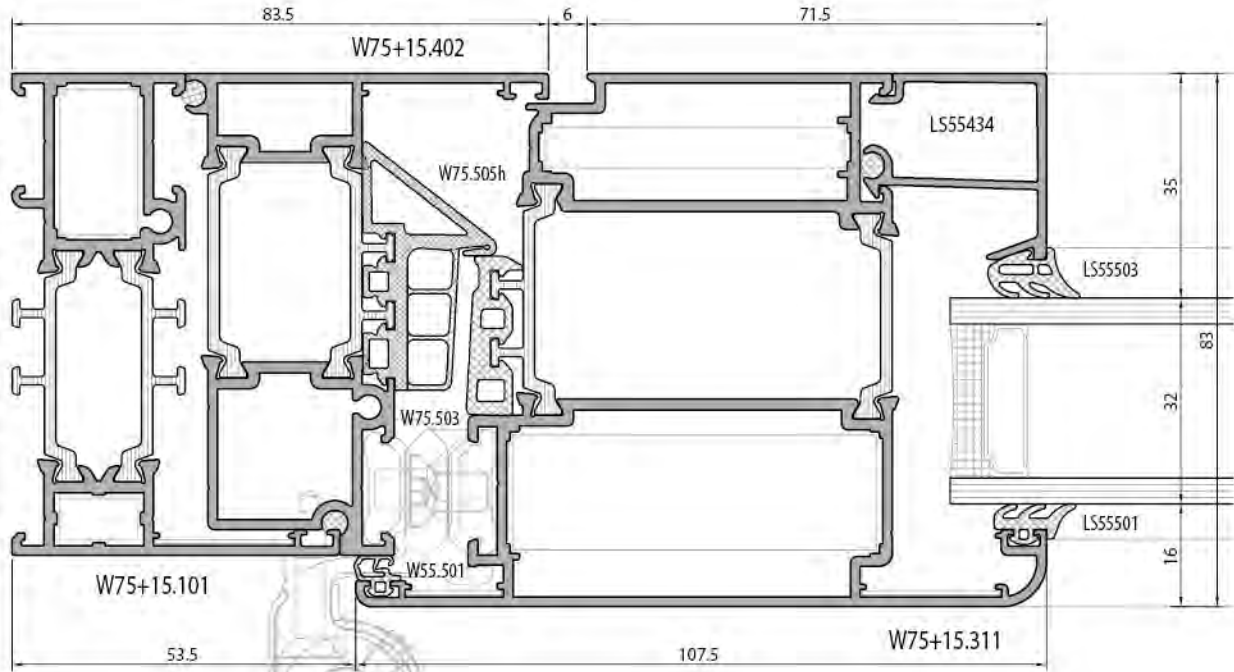




dışa açılır kapı
outward opening door

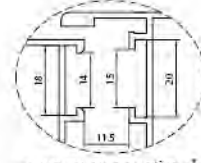


euro groove section 1

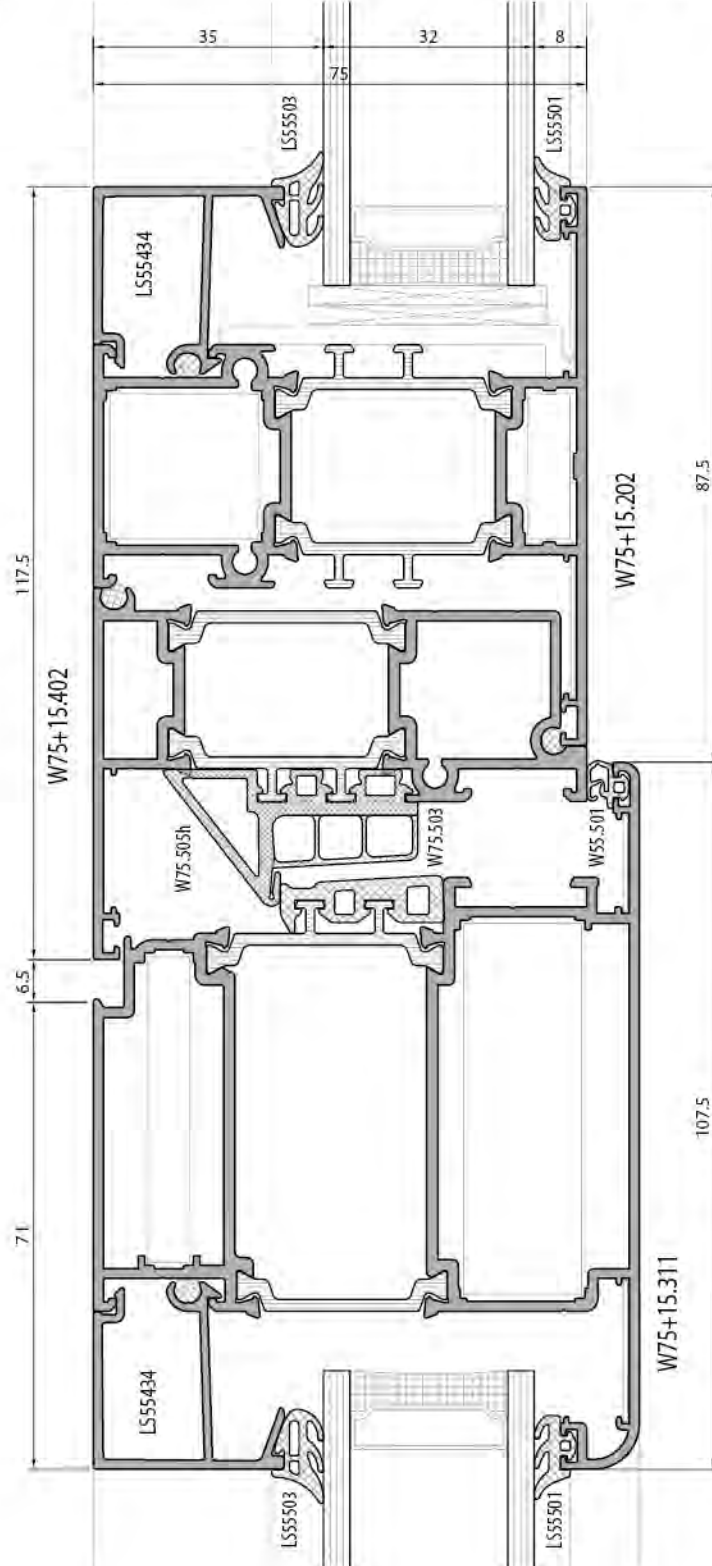


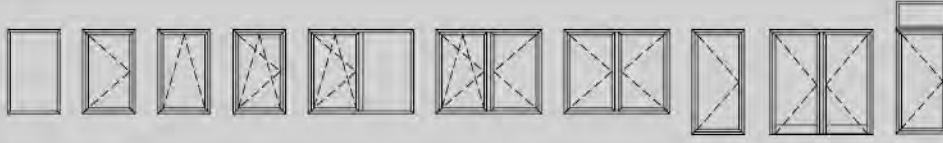


dışa açılır kapı
outward opening door



euro groove section I

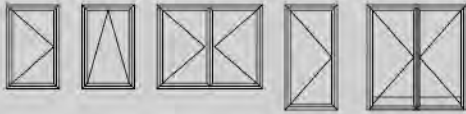




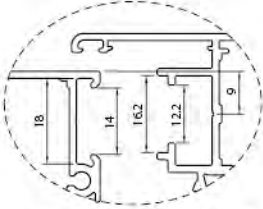
içe açılır pencere
inward opening window



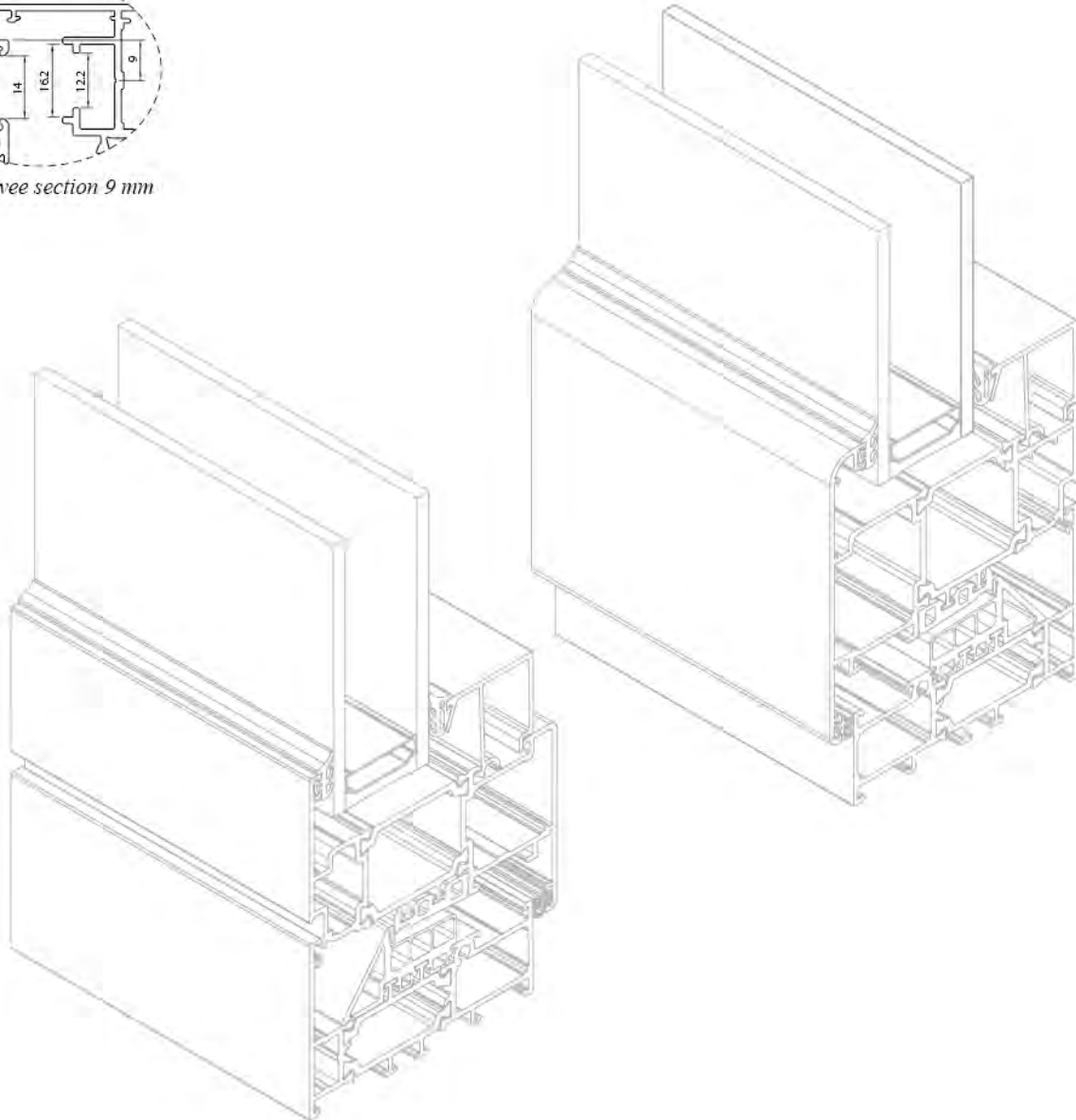
içe açılır gizli kanat pencere
inward opening hidden sash window

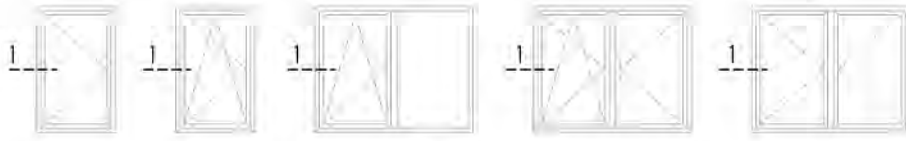


dışa açılır pencere
outward opening window

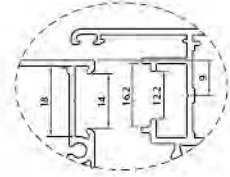


pvc groove section 9 mm

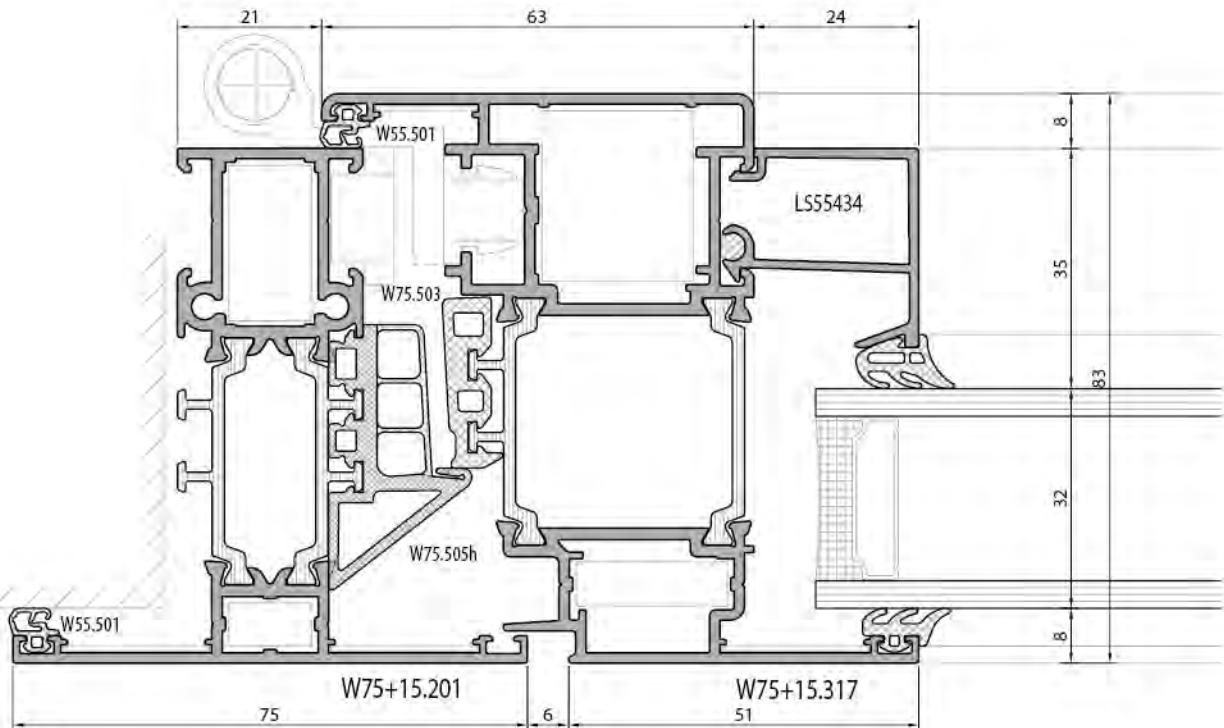
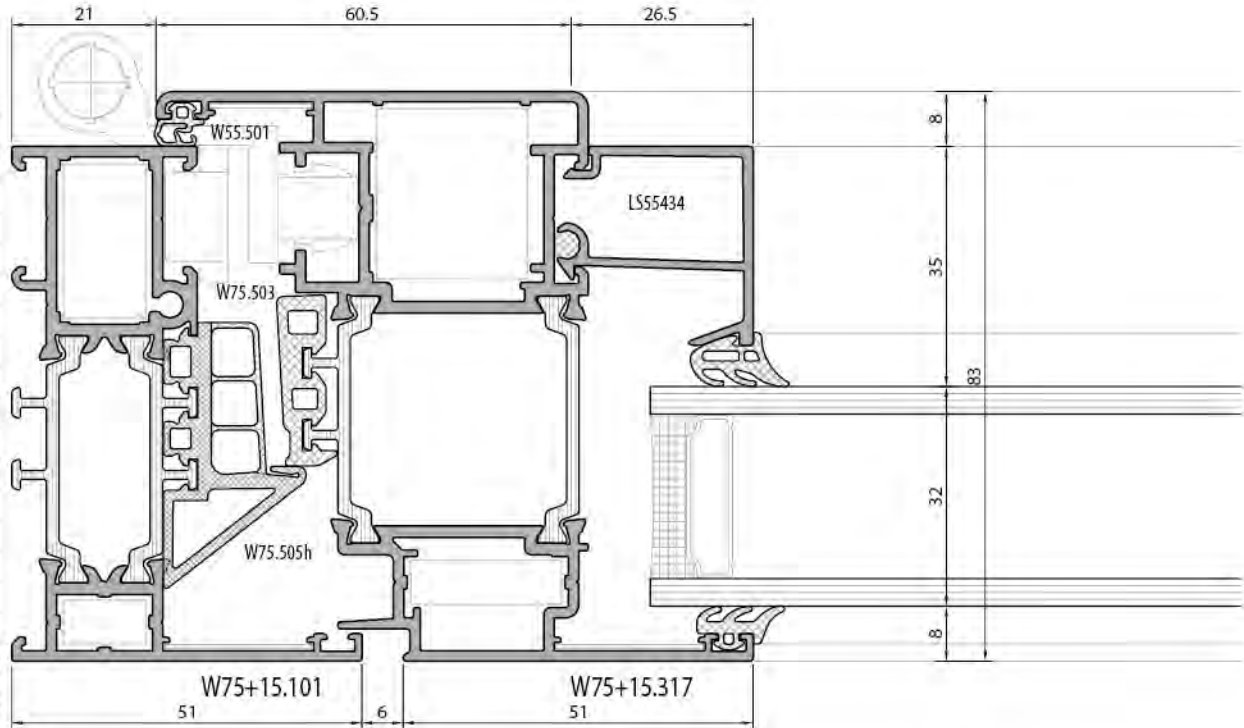




içe açılır pencere
inward opening window

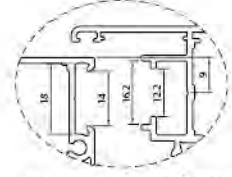


pvc groove section 9 mm

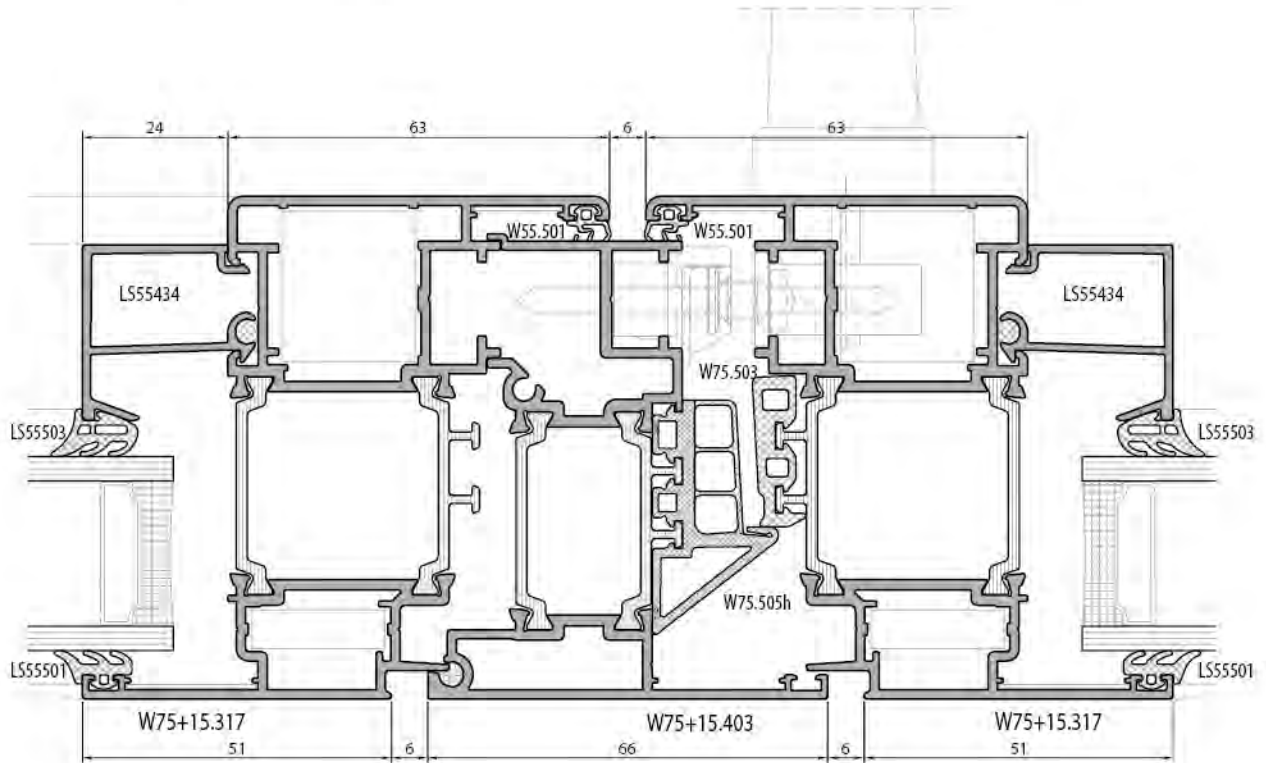
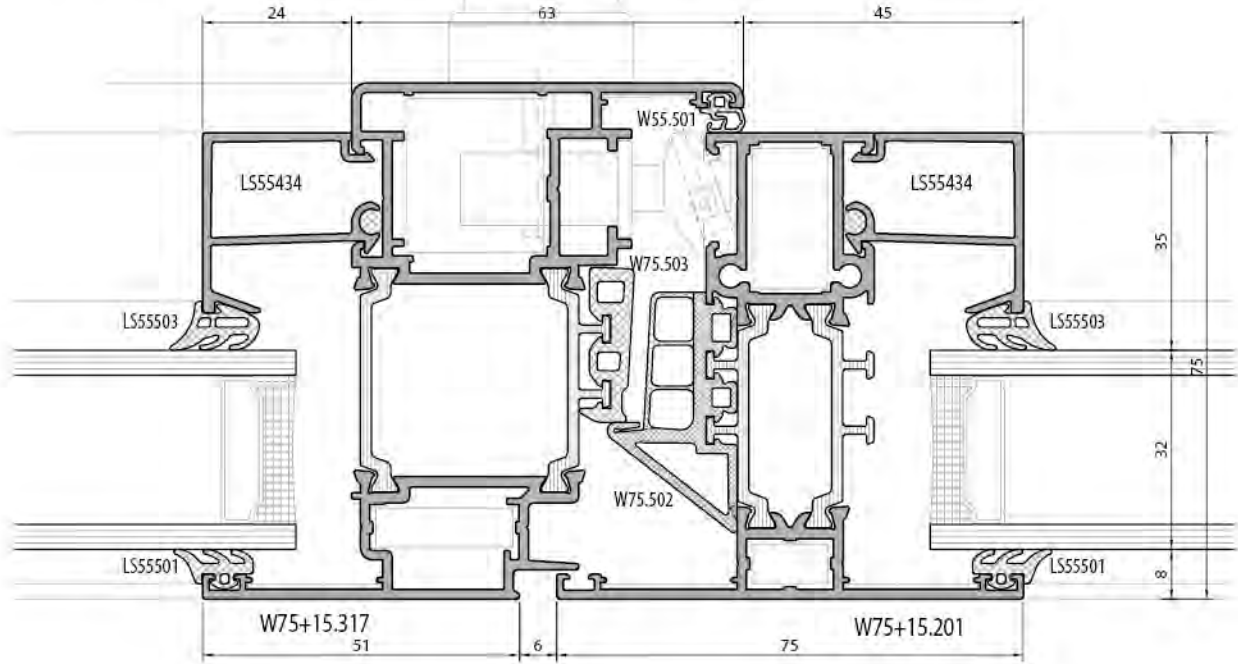




içe açılır pencere
inward opening window

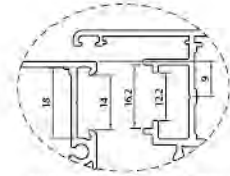


pvc groove section 9 mm

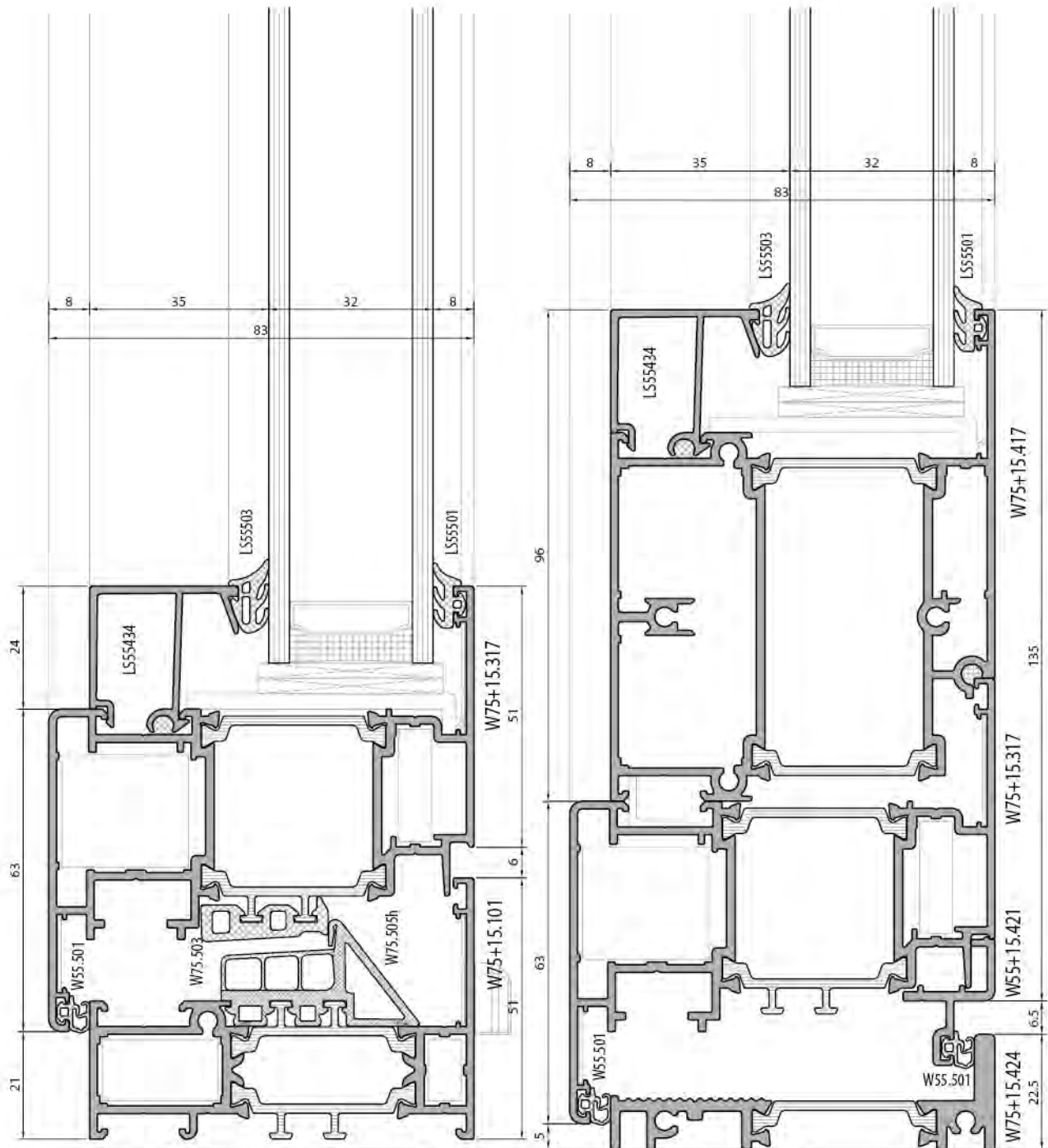


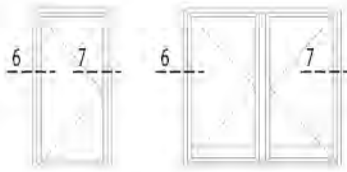


içe açılır pencere
inward opening window

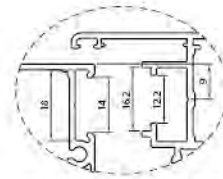


pvc grovee section 9 mm

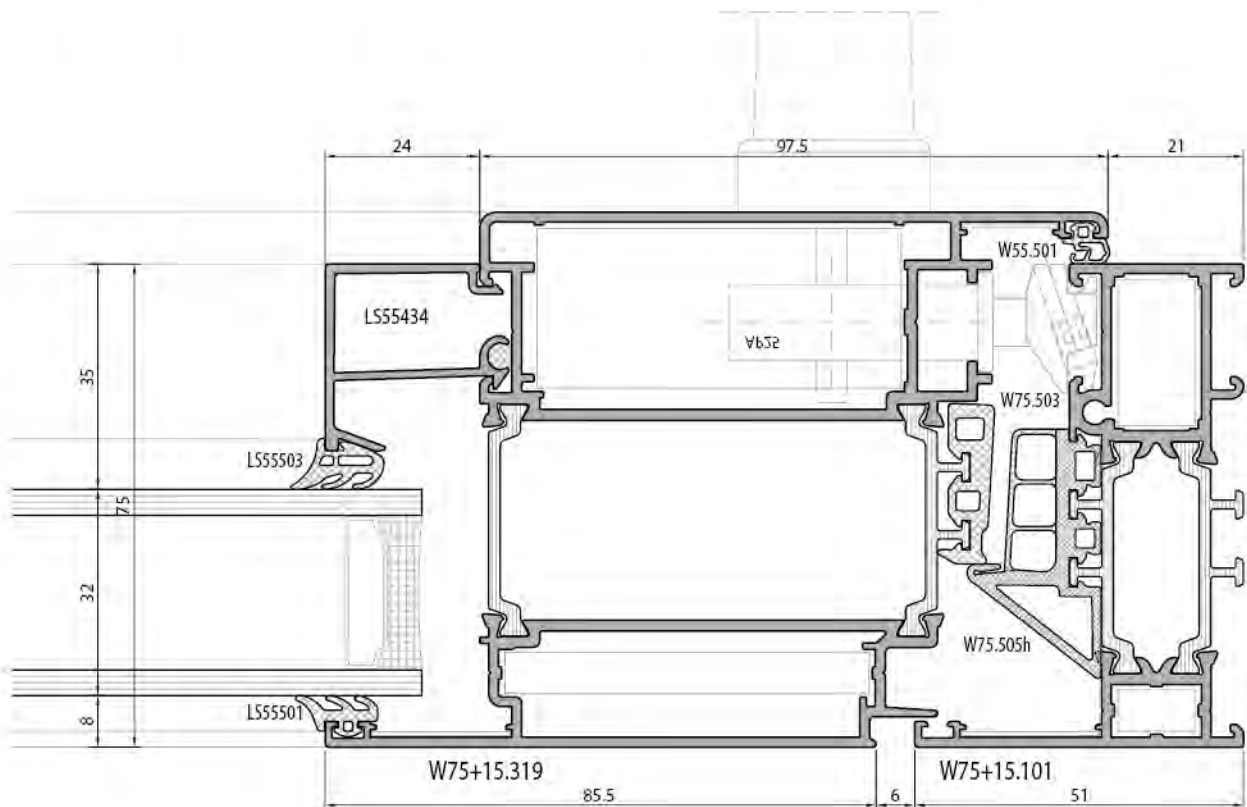
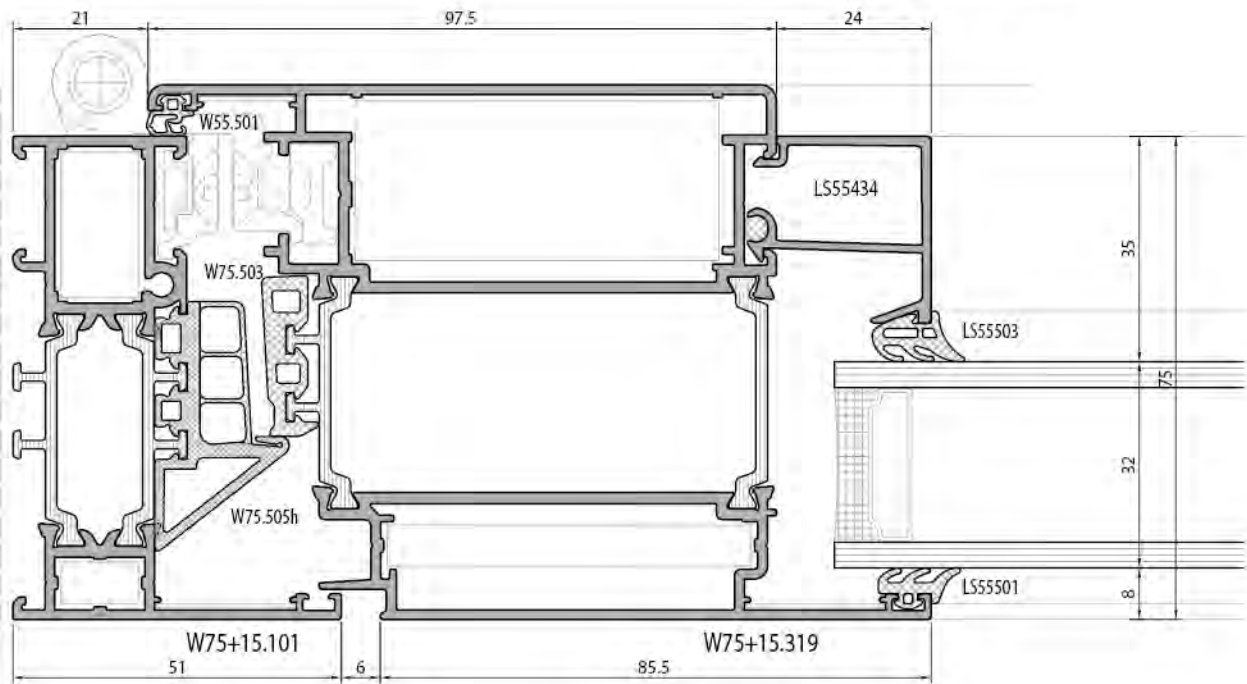




içe açılır kapı
inward opening door

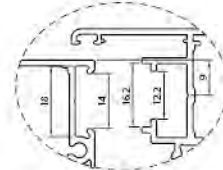


pvc grovee section 9 mm

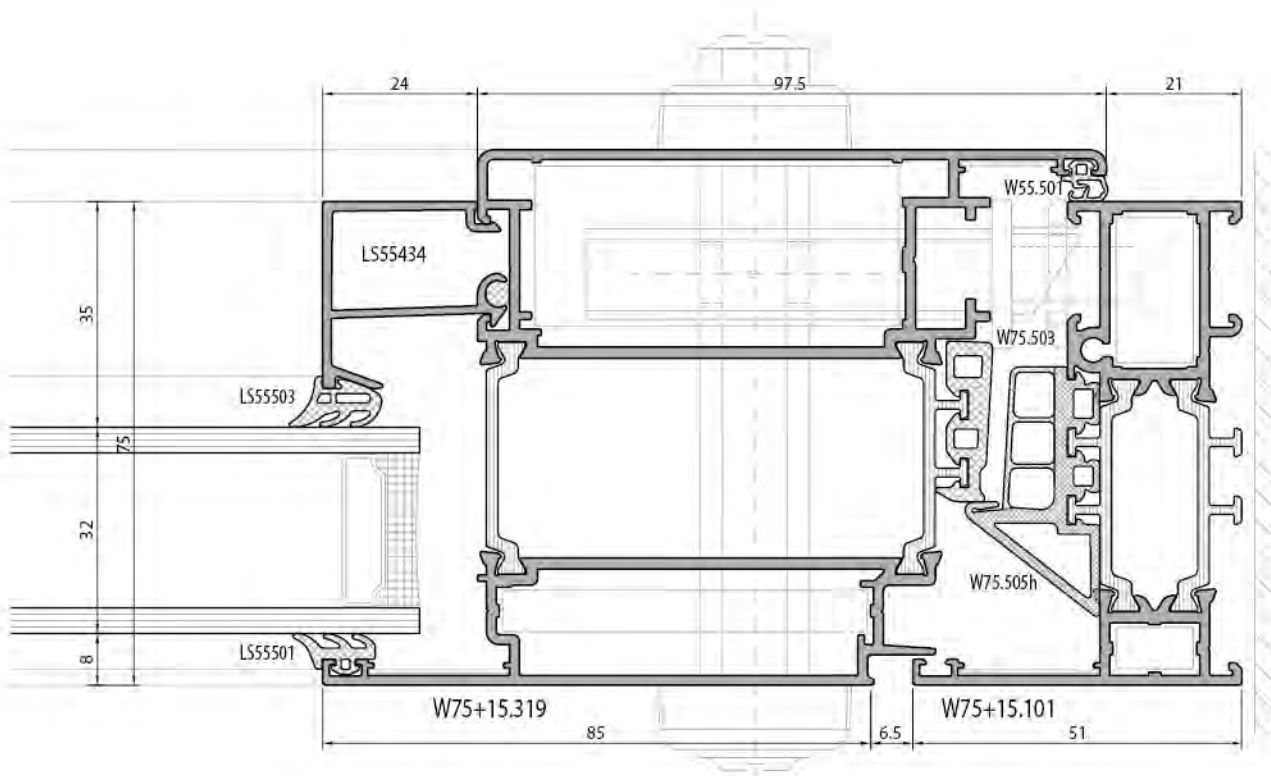




içe açılır kapı
inward opening door

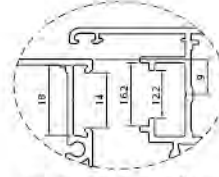


pvc groove section 9 mm

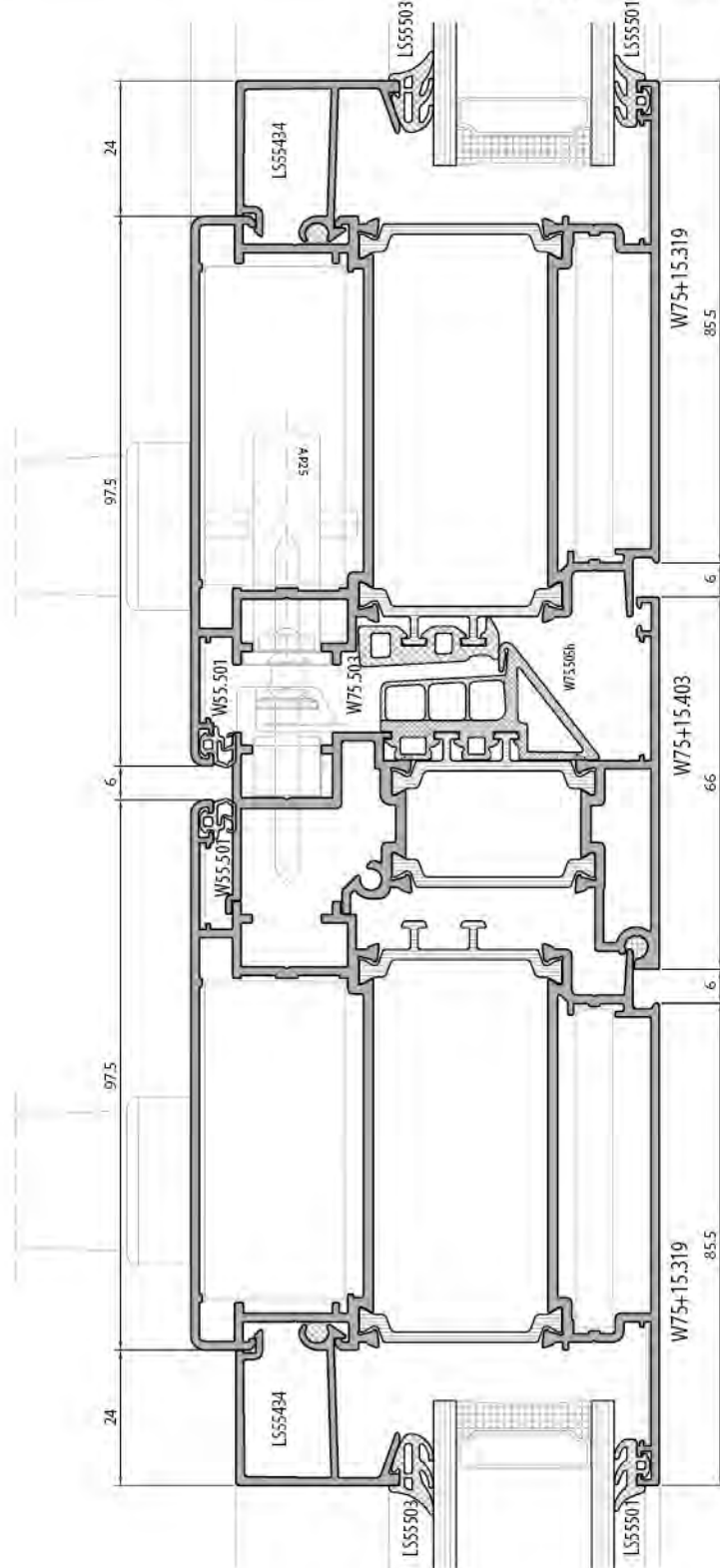


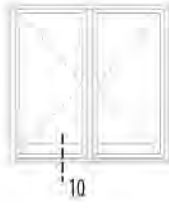


içe açılır kapı
inward opening door

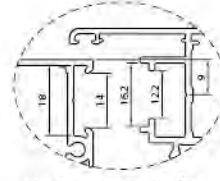


pvc groove section 9 mm

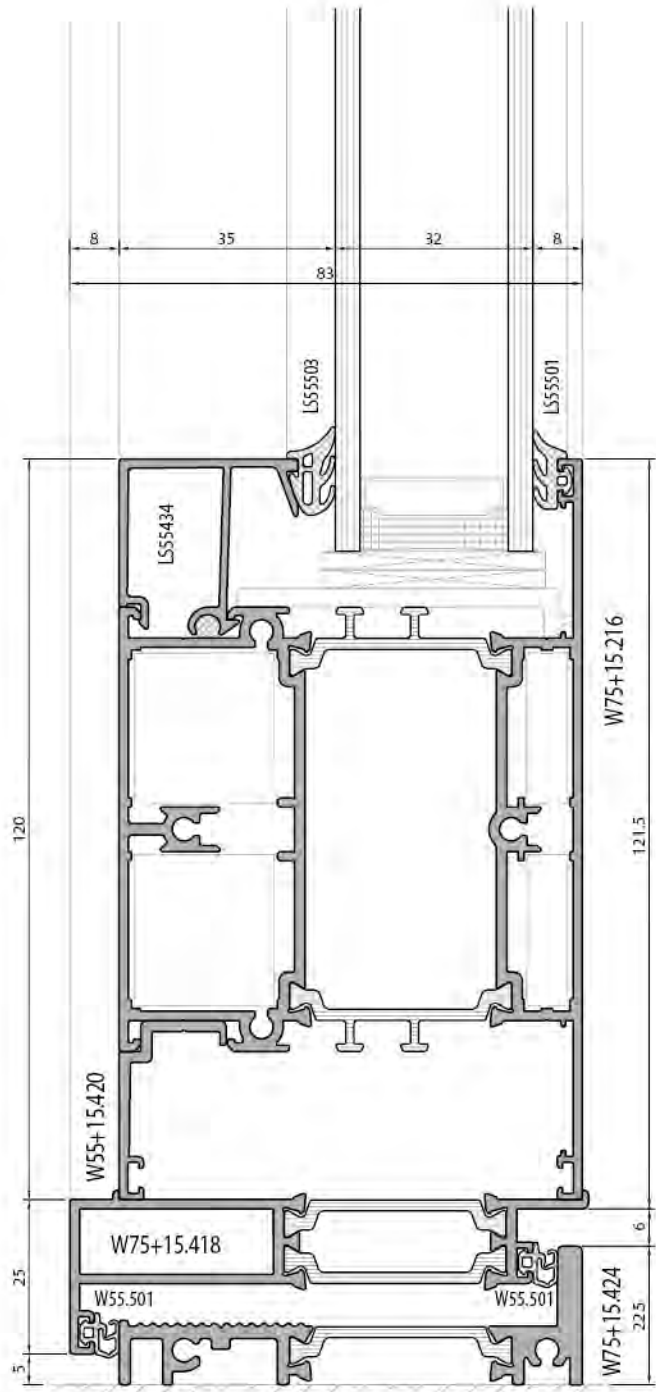
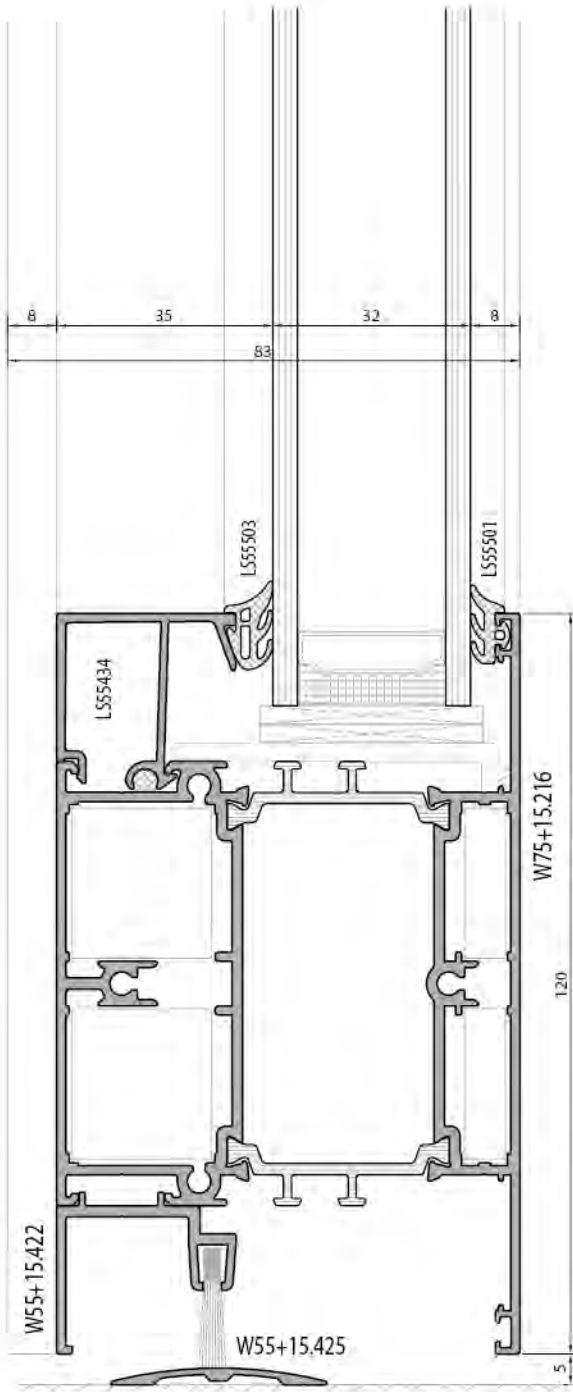


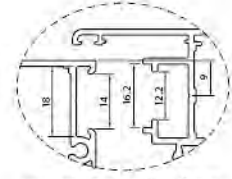
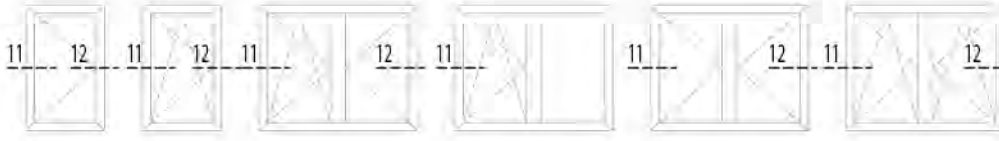


içe açılır kapı
inward opening door



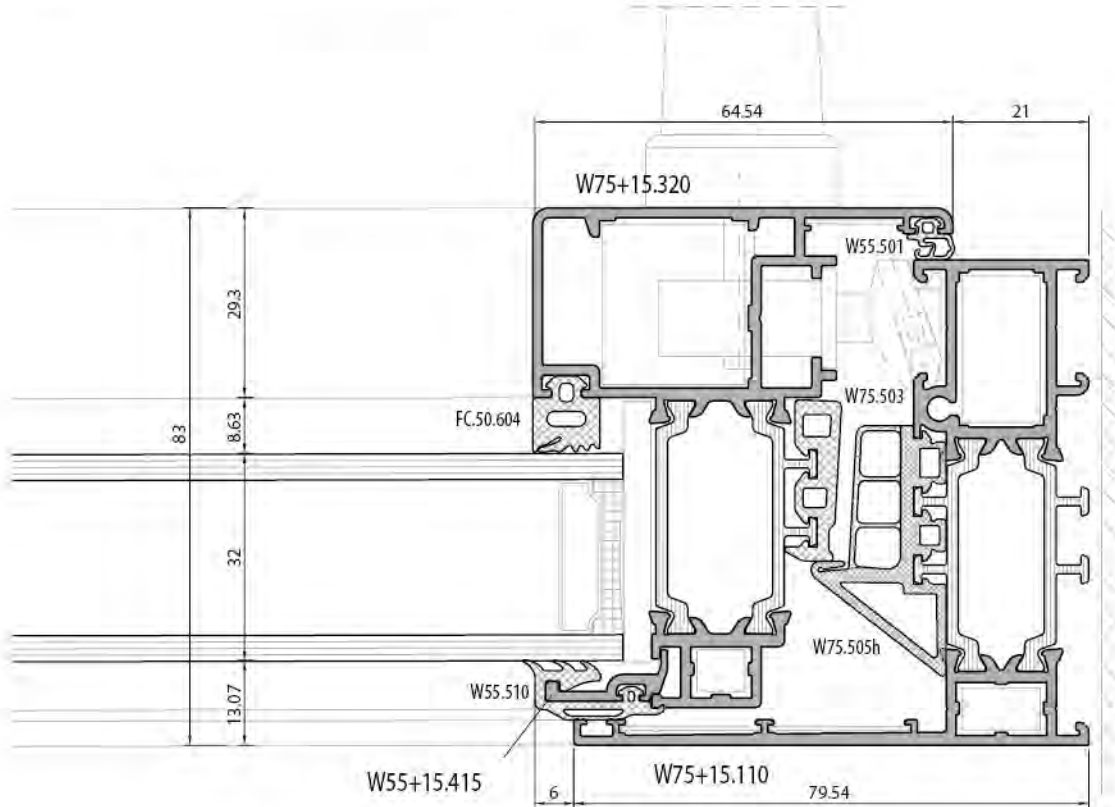
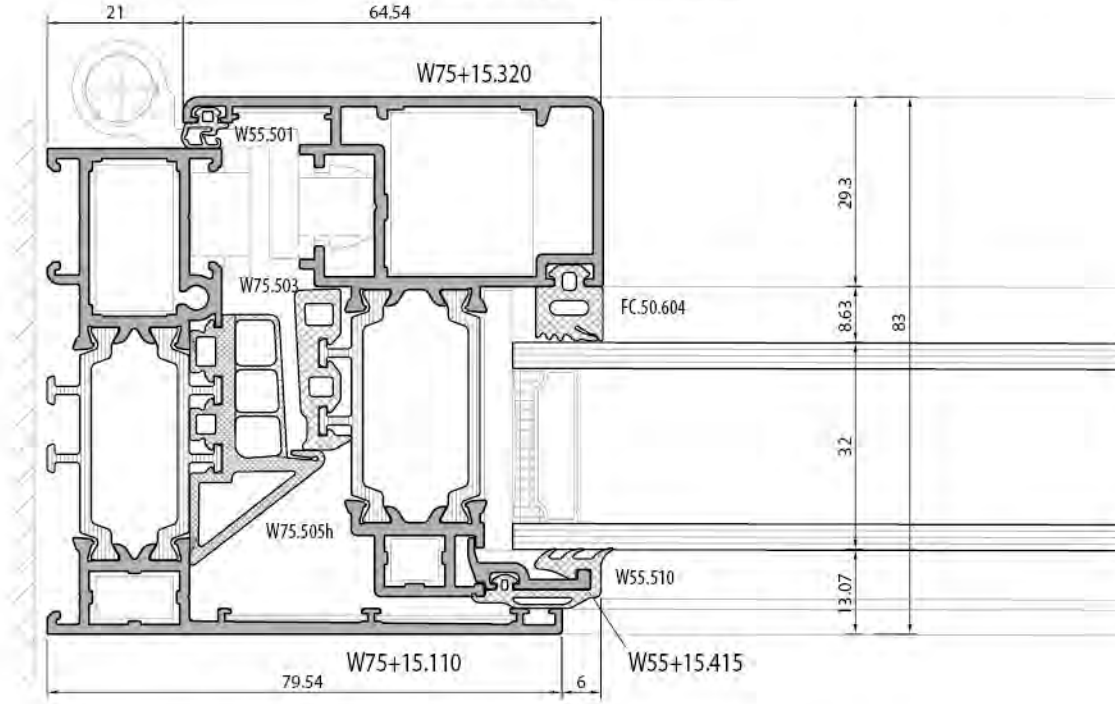
pvc groove section 9 mm





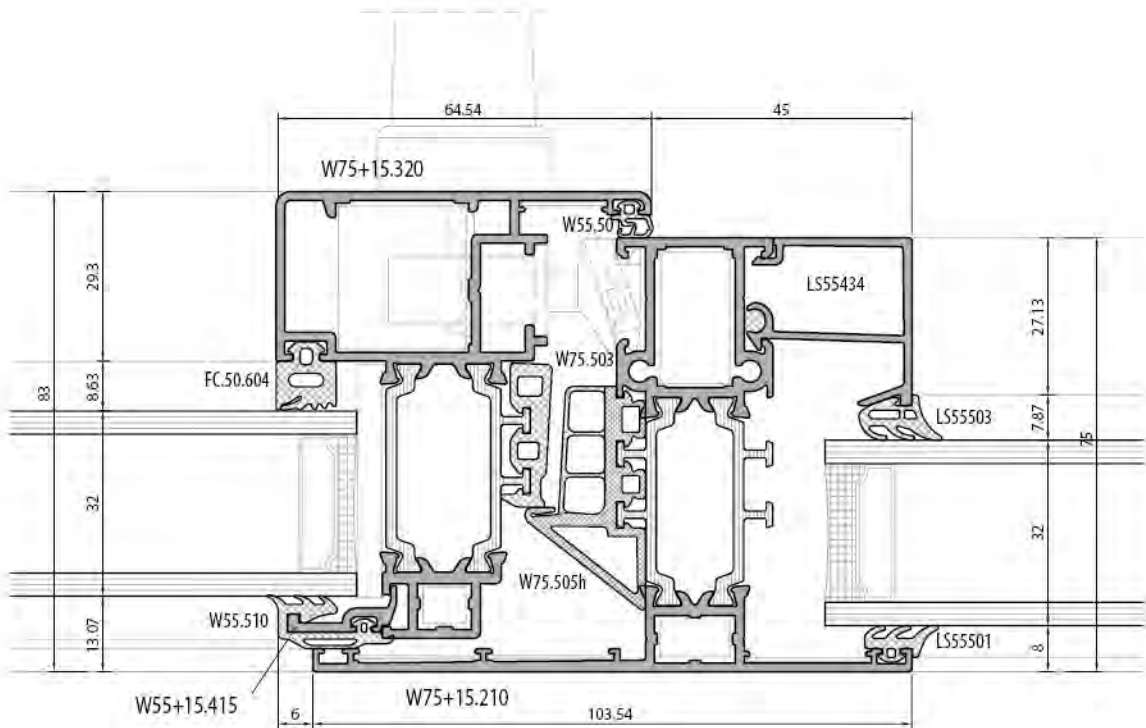
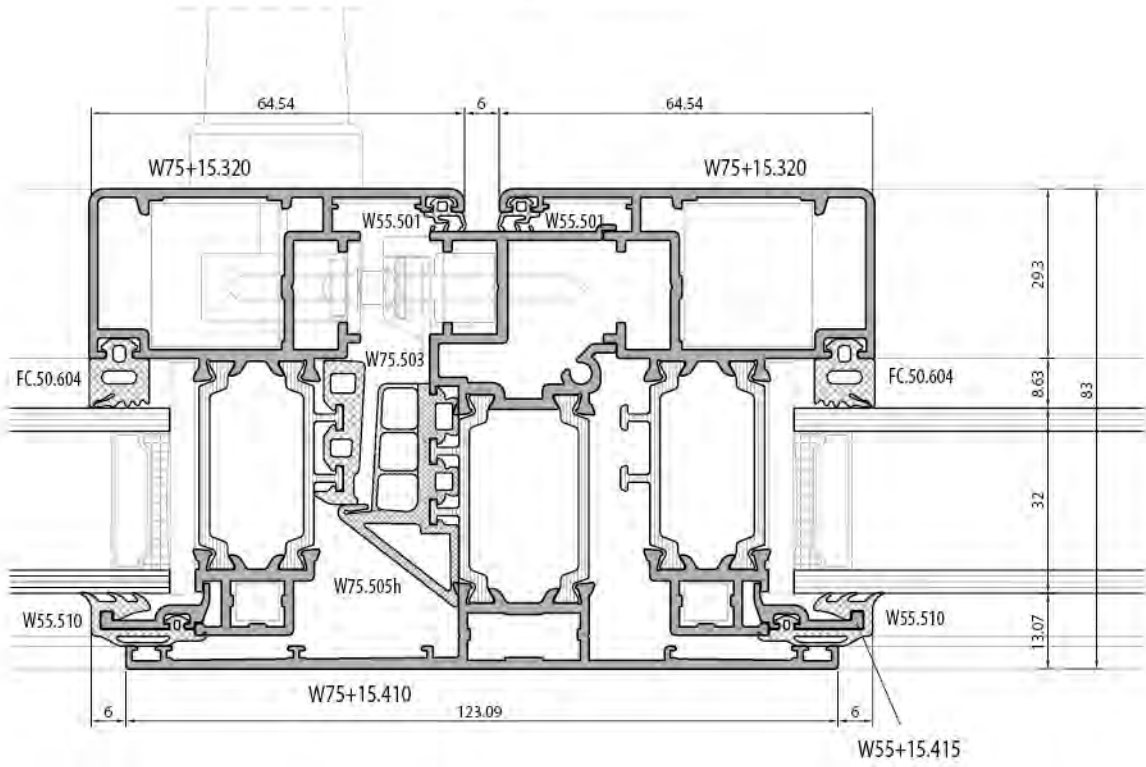
pvc groove section 9 mm

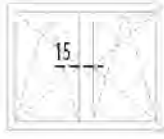
içe açılır gizli kanat pencere
inward opening hidden sash window



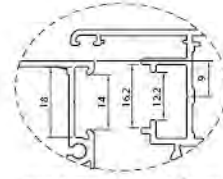


içe açılır gizli kanat pencere
inward opening hidden sash window

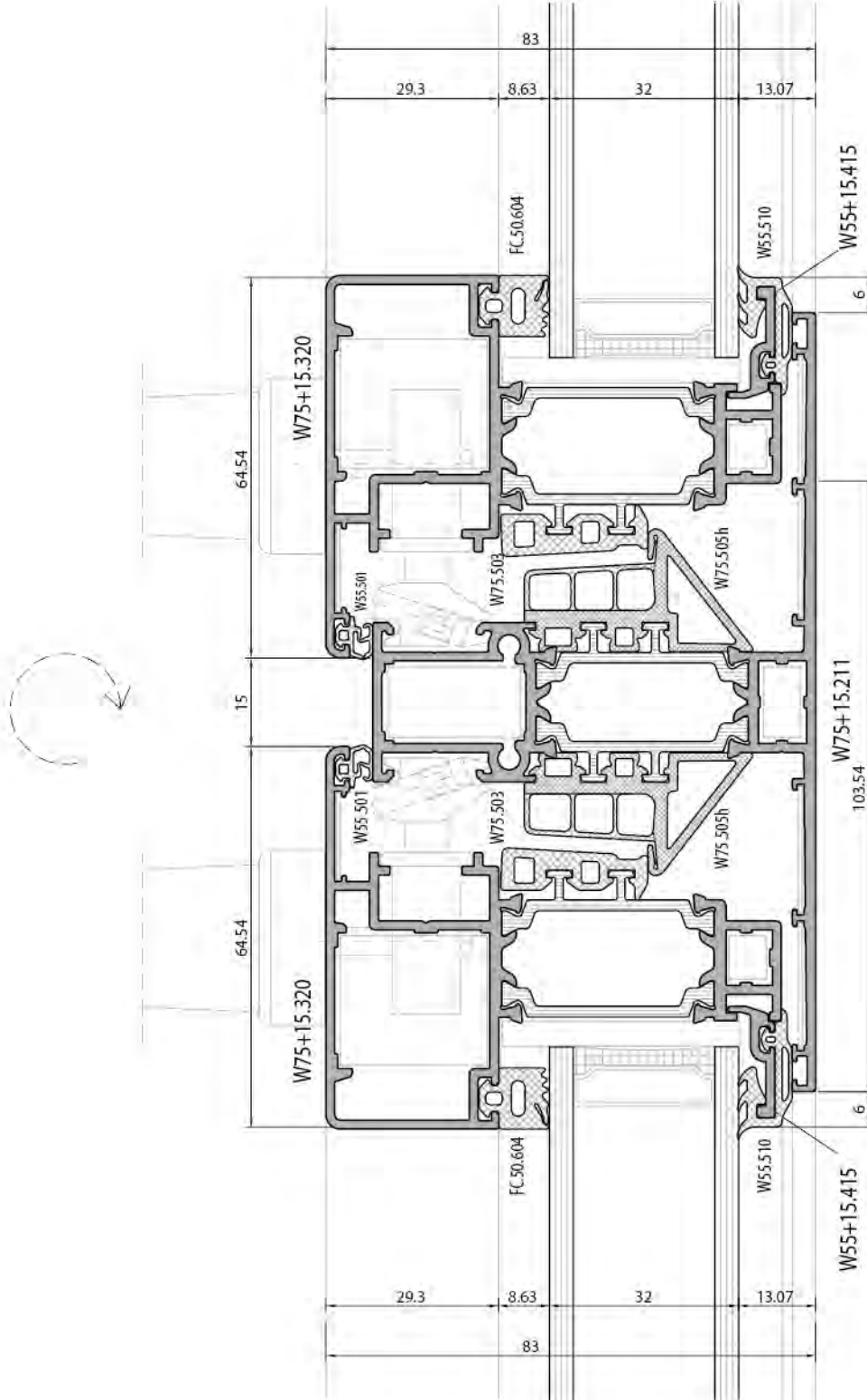


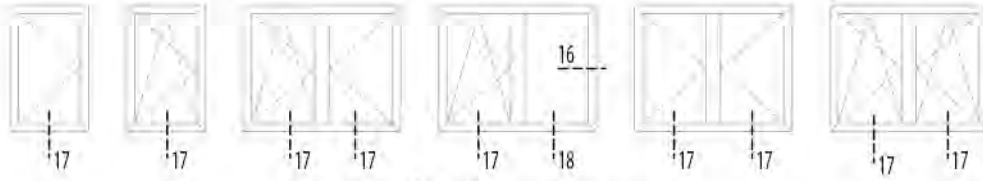


içe açılır gizli kanat pencere
inward opening hidden sash window

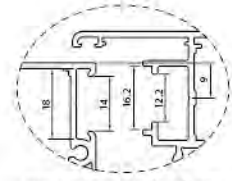


pvc groove section 9 mm

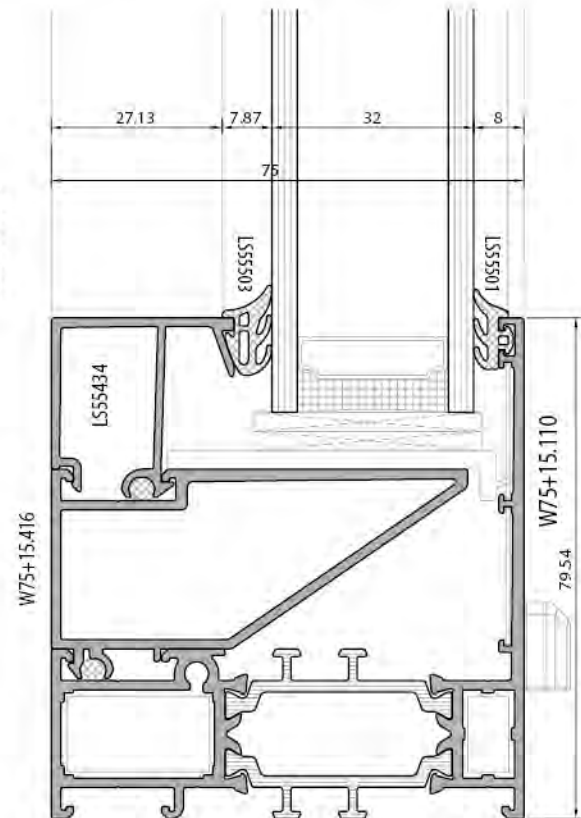
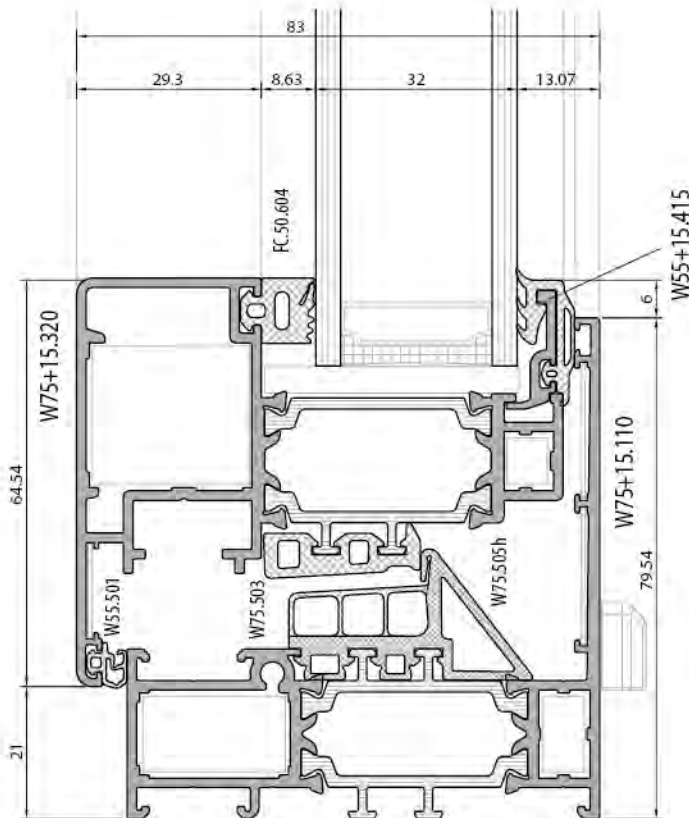
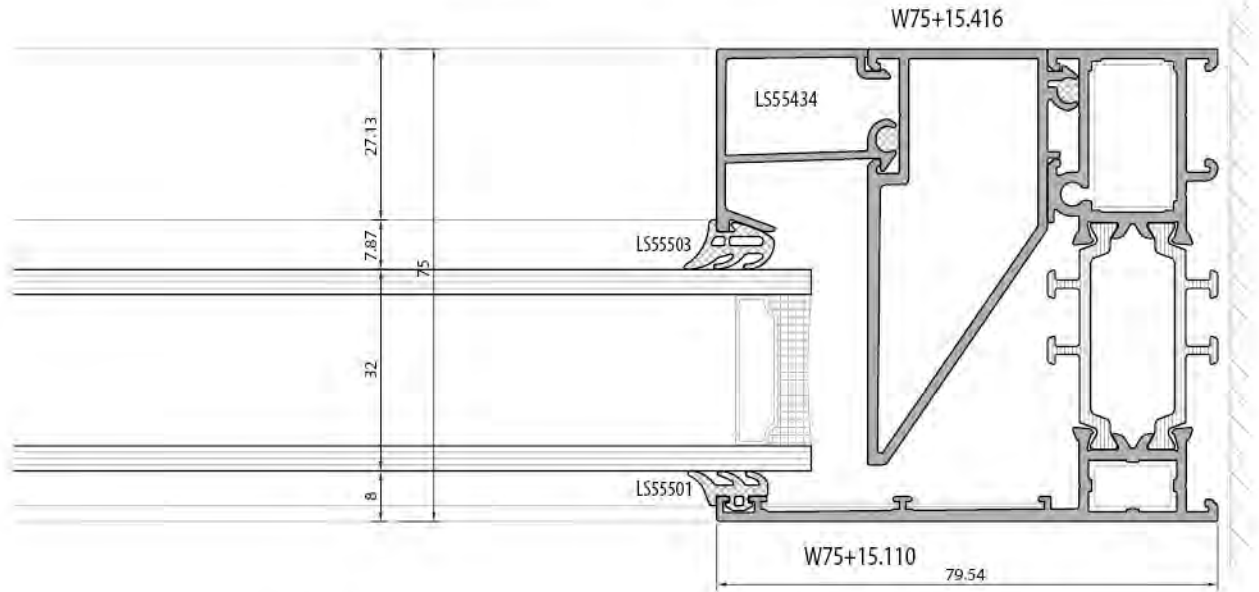


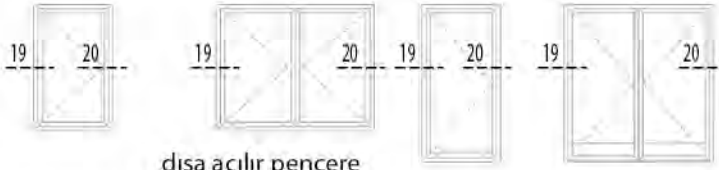


içe açılır gizli kanat pencere
inward opening hidden sash window

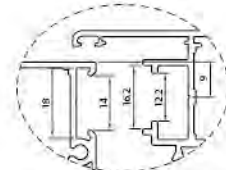


pvc groove section 9 mm

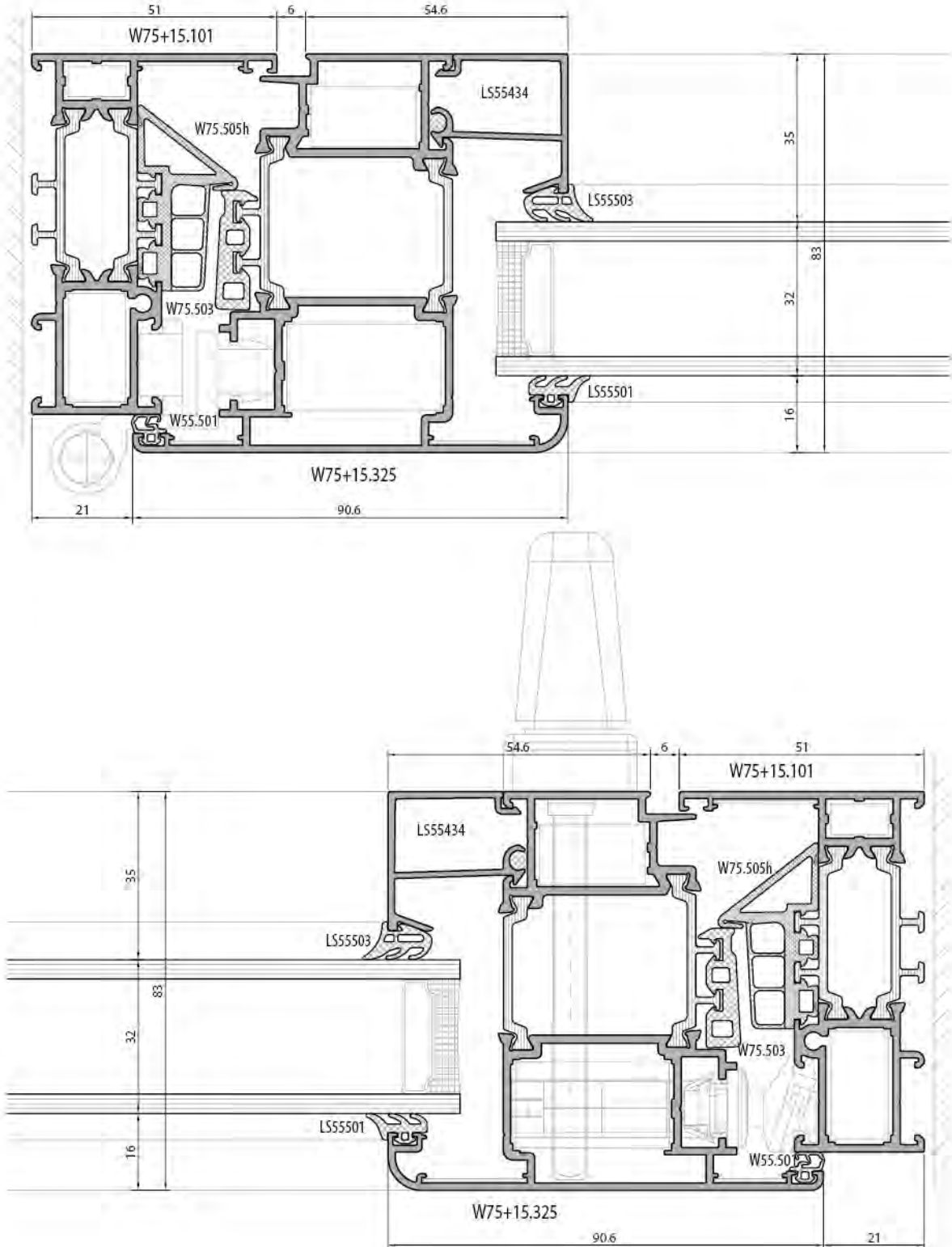


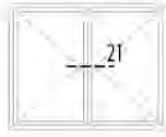


diş a açılır pencere
outward opening window

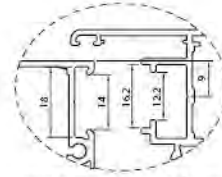


pvc groove section 9 mm

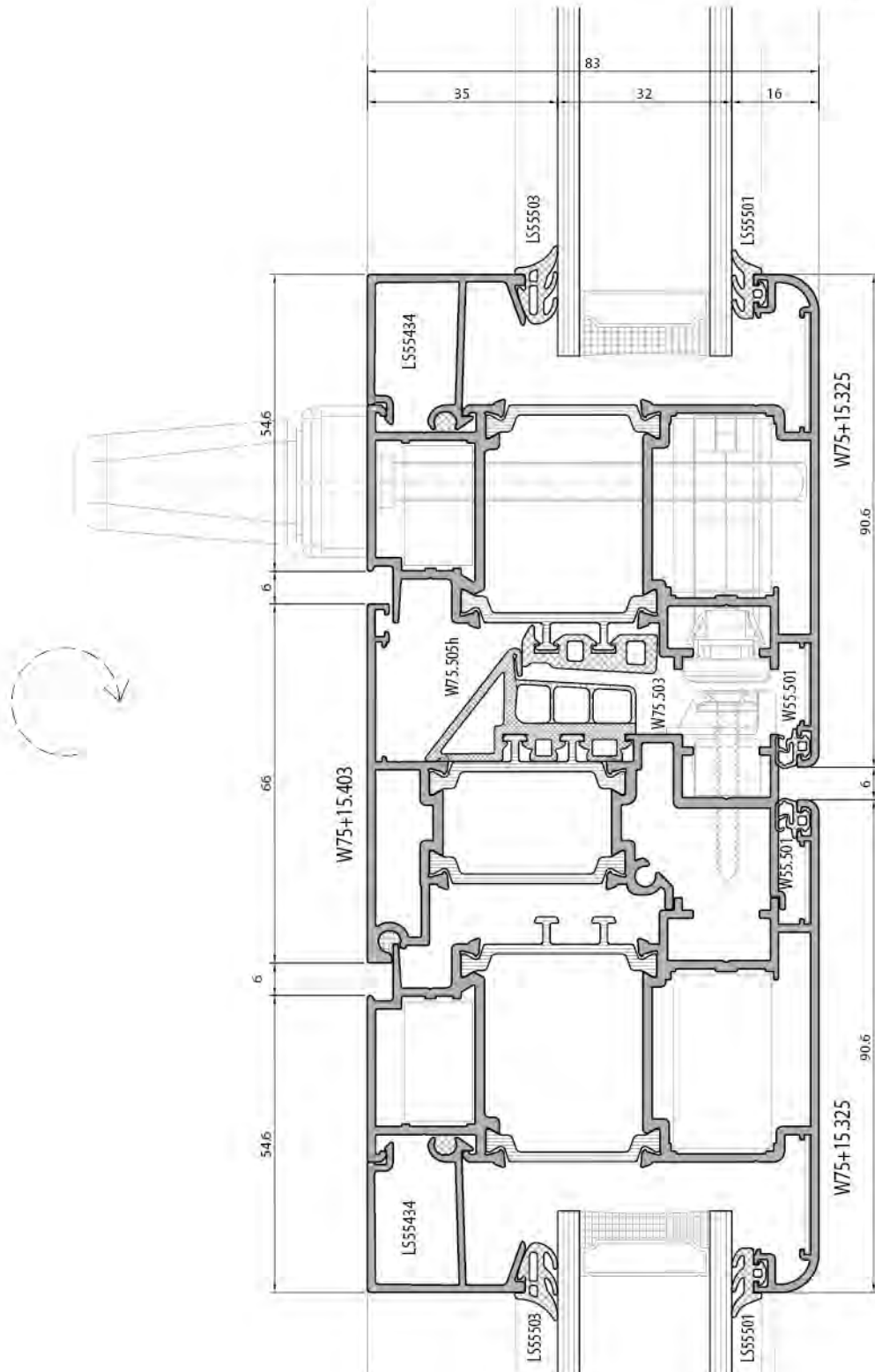


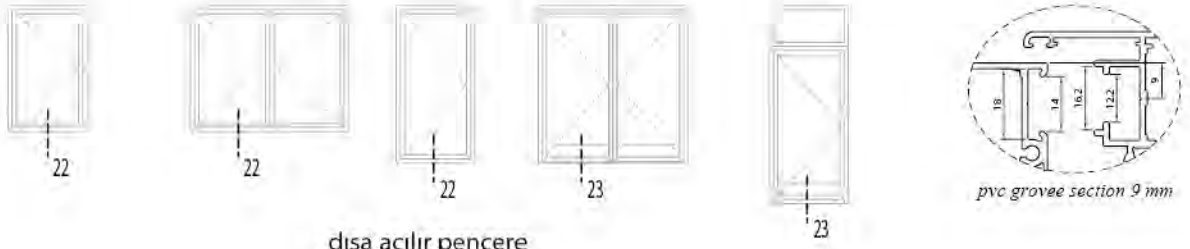


dışa açılır pencere
outward opening window

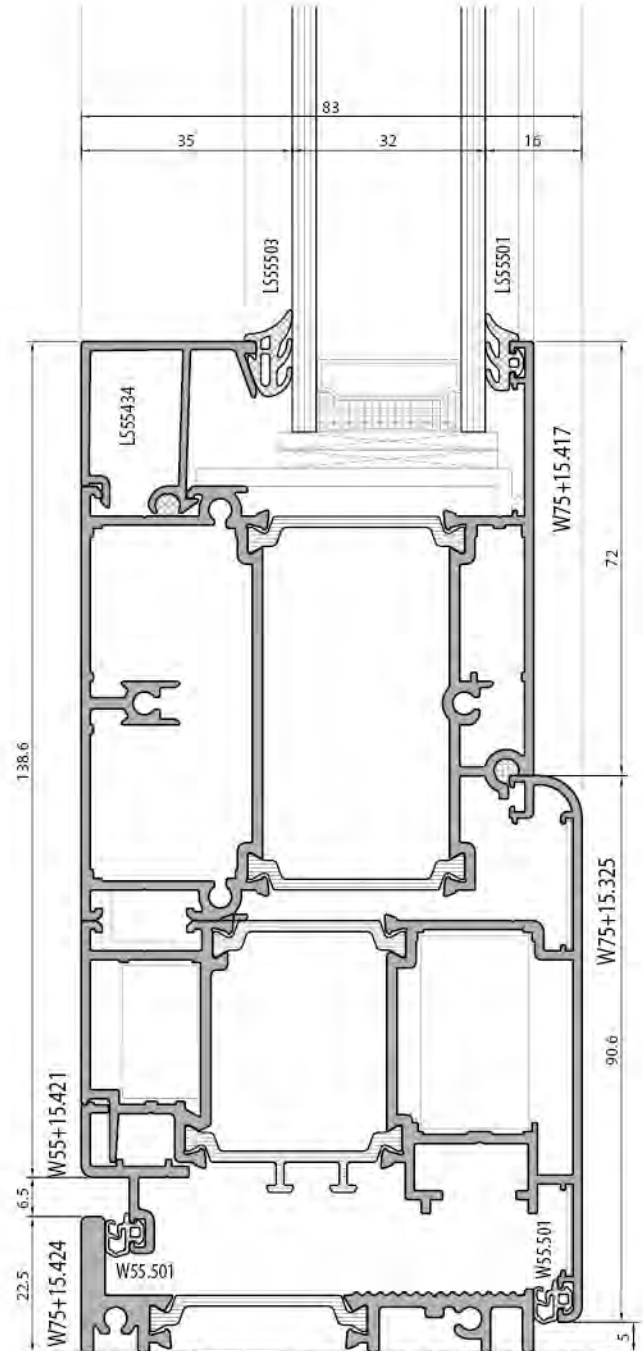
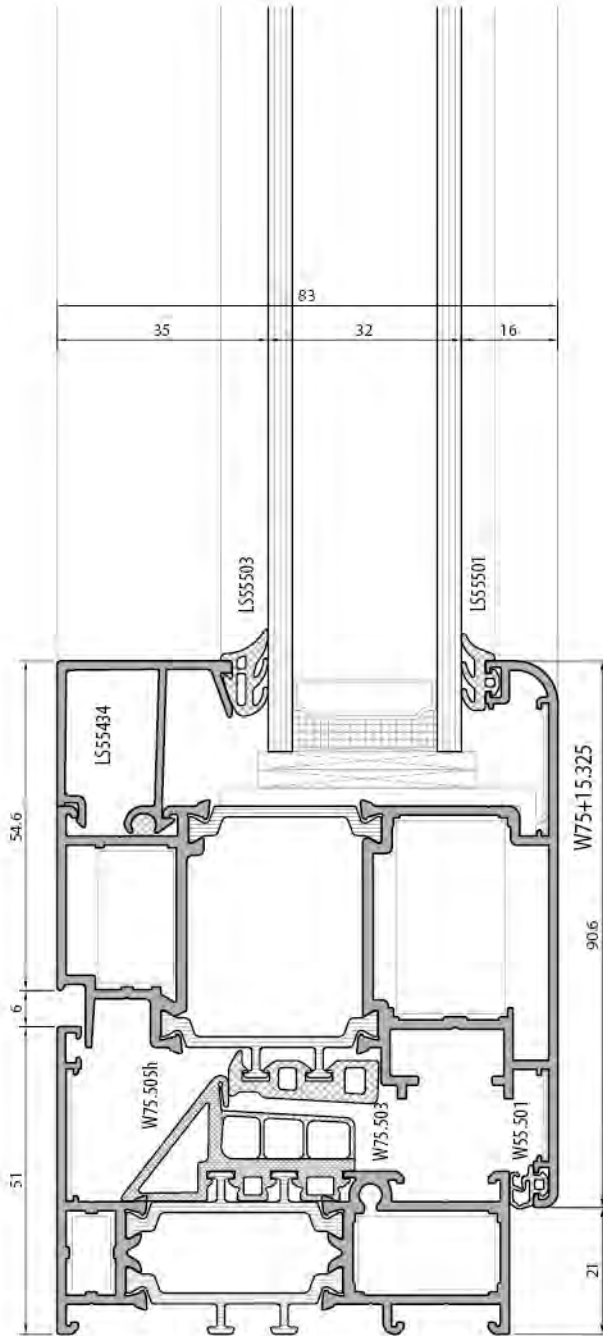


pvc groove section 9 mm



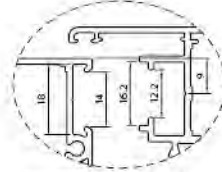


dışa açılır pencere
outward opening window

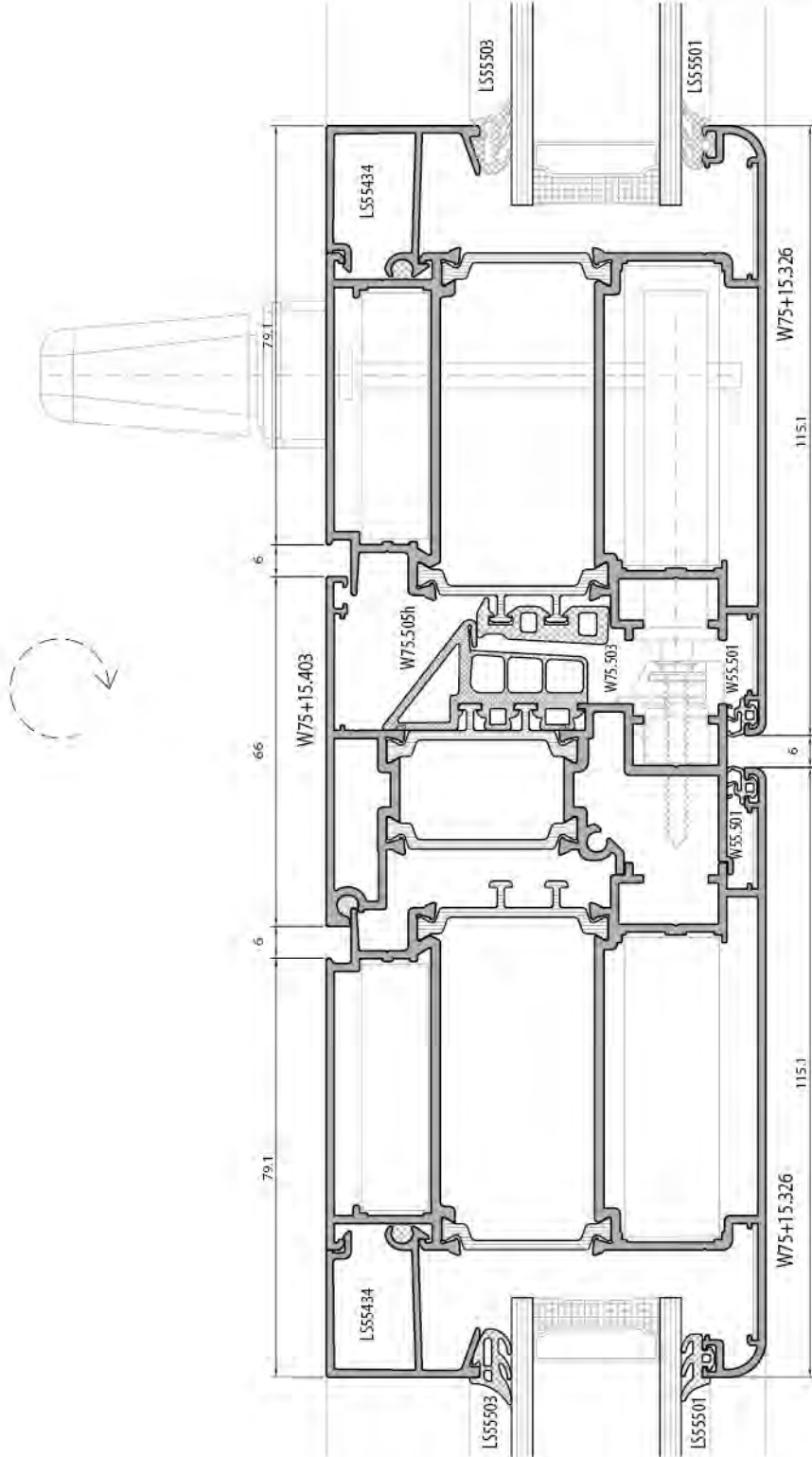




dışa açılır kapı
outward opening door

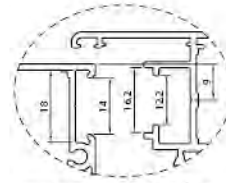


pvc groove section 9 mm

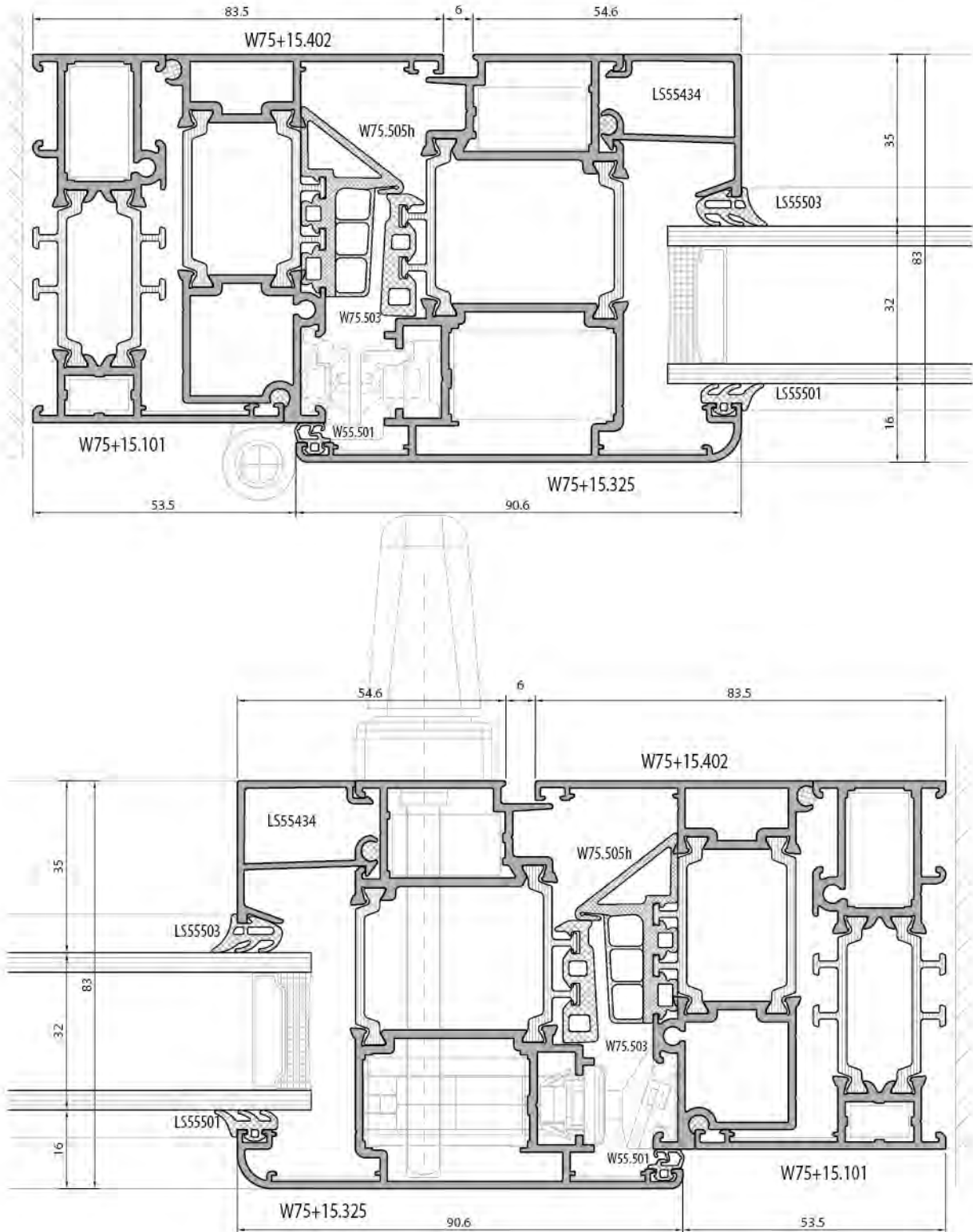




dışa açılır kapı
outward opening door

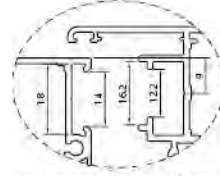


pvc groove section 9 mm

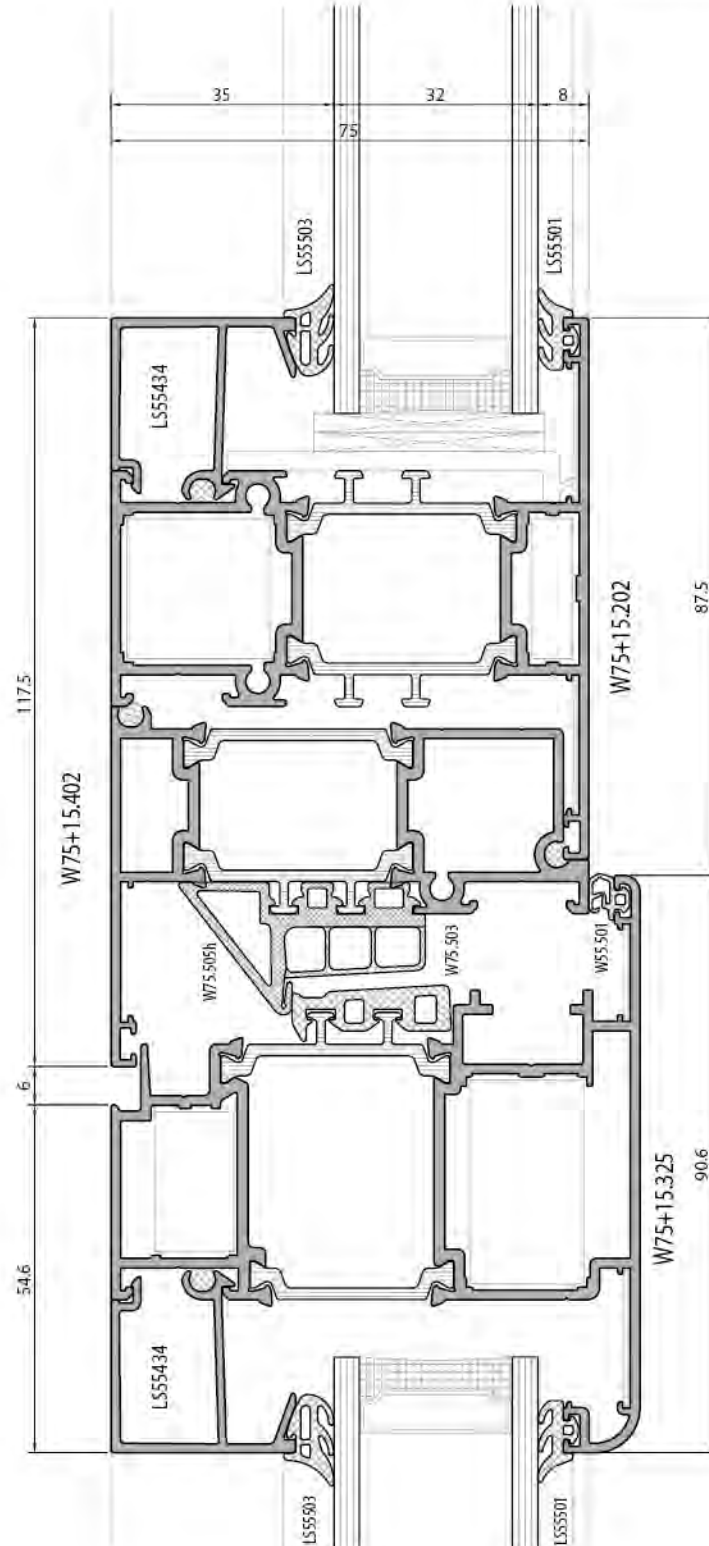


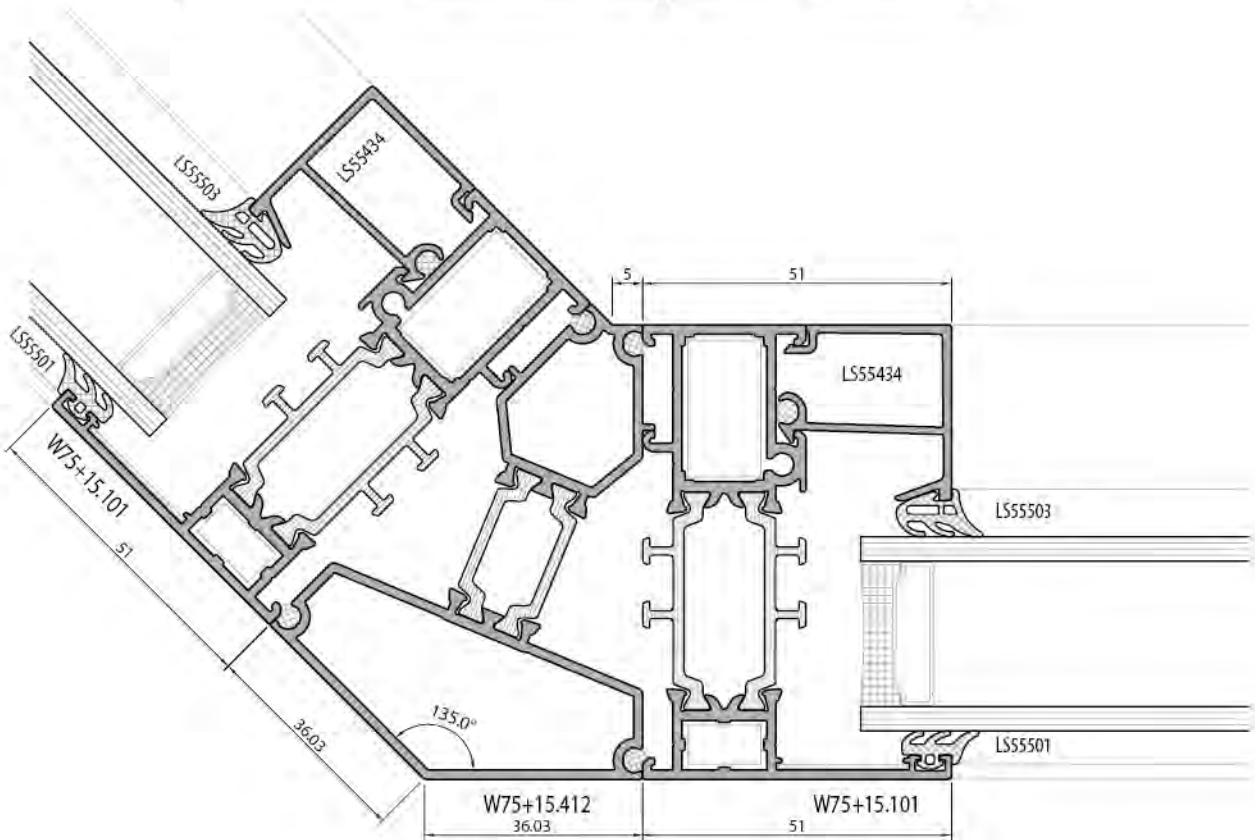
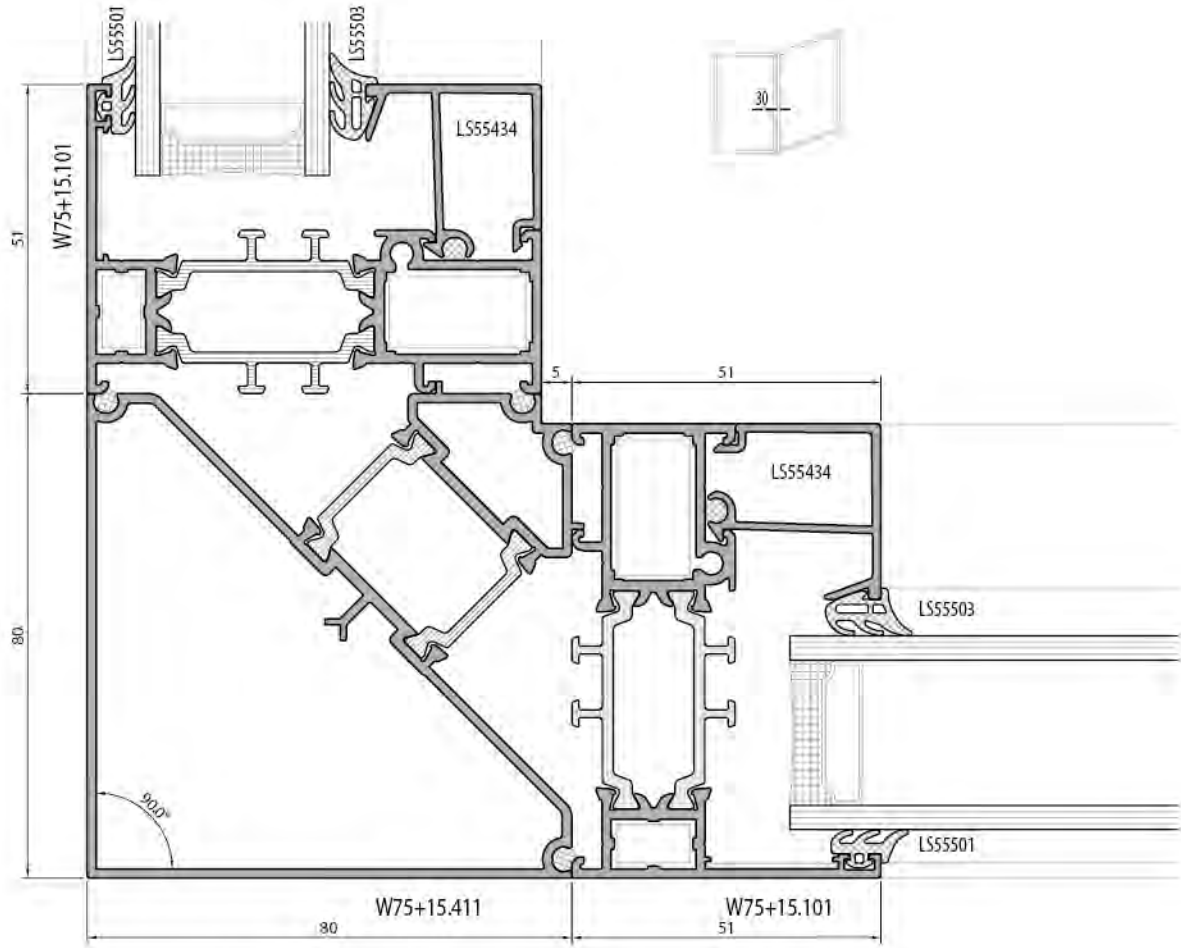


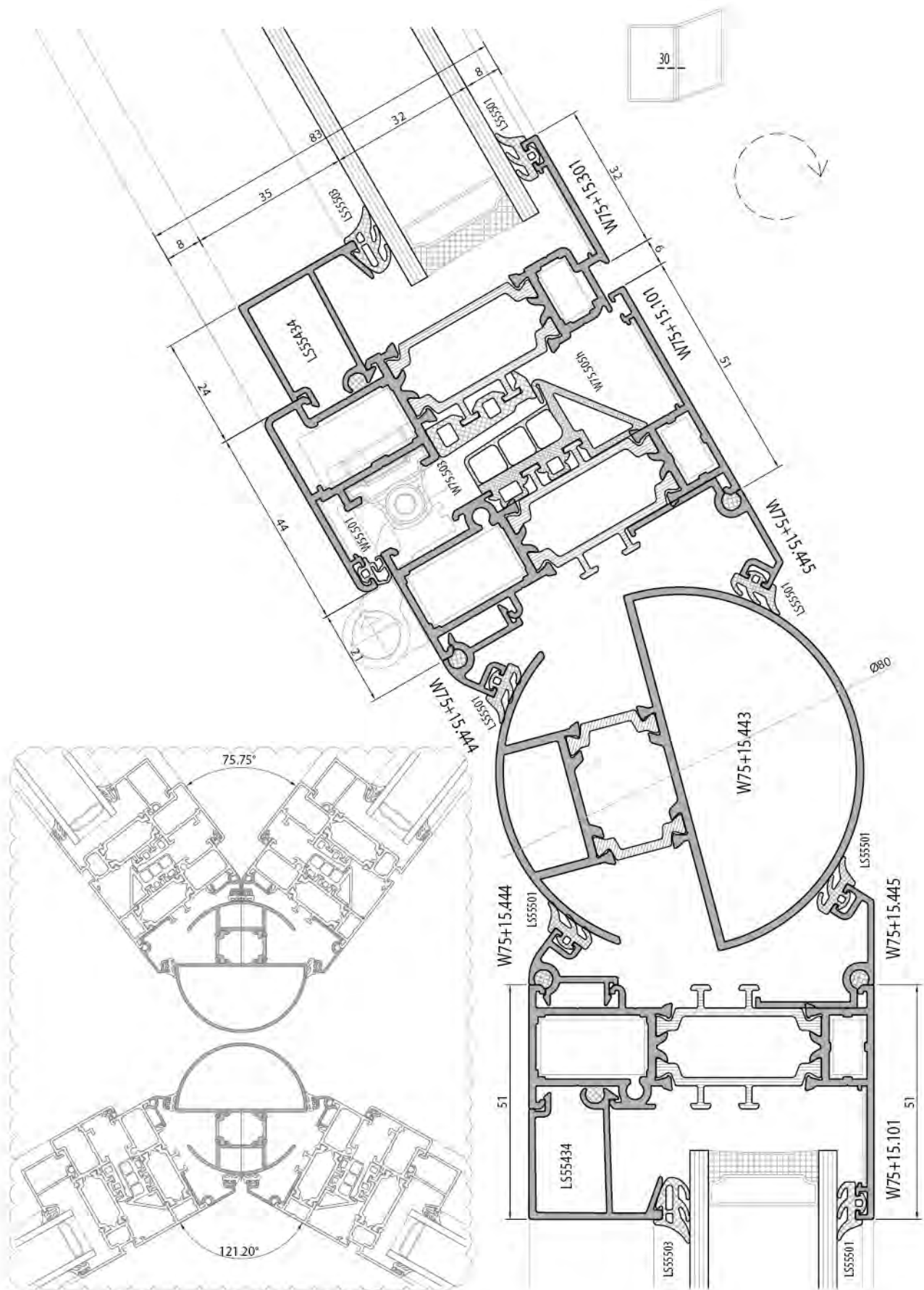
dışa açılır kapı
outward opening door

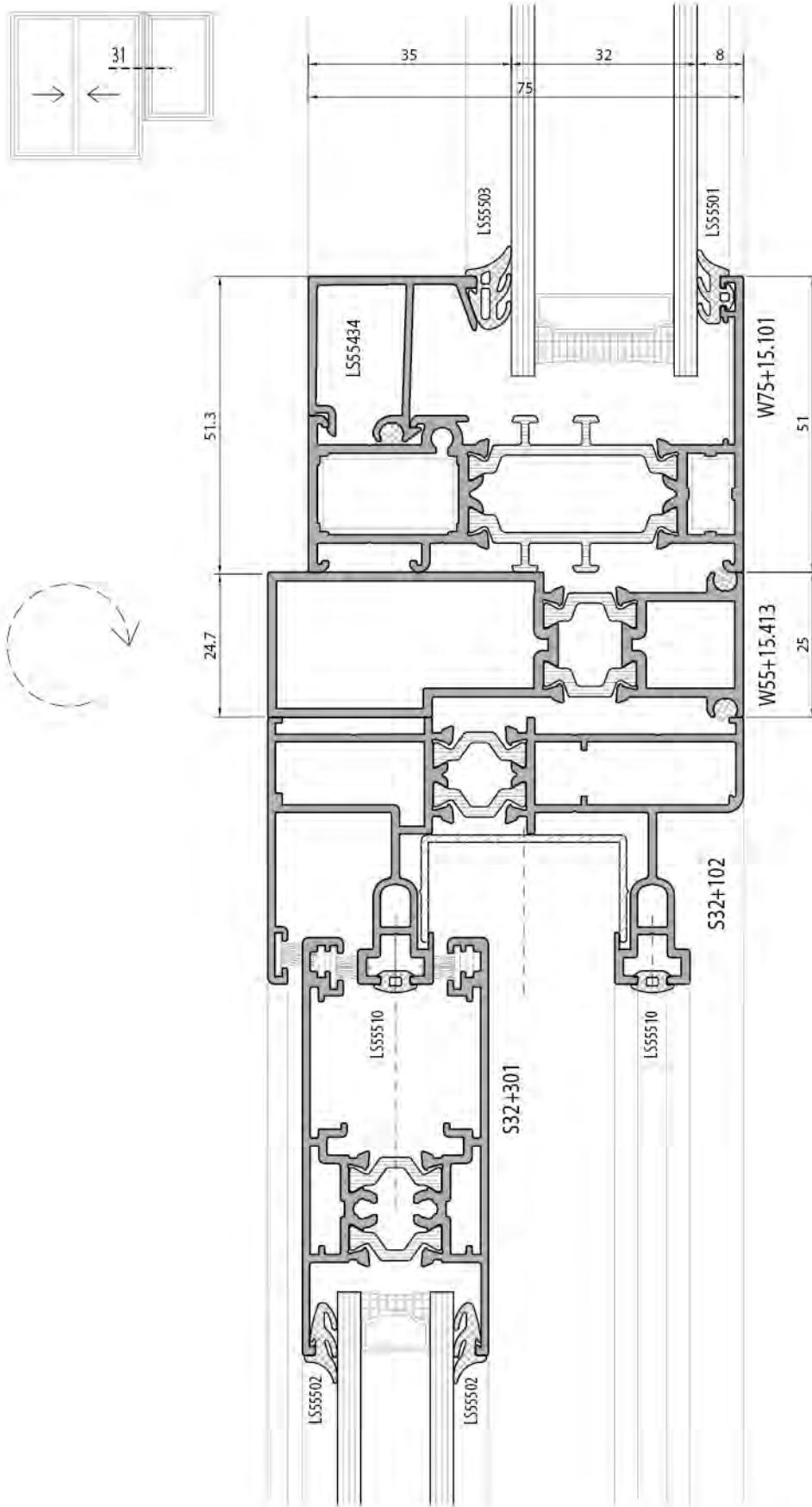


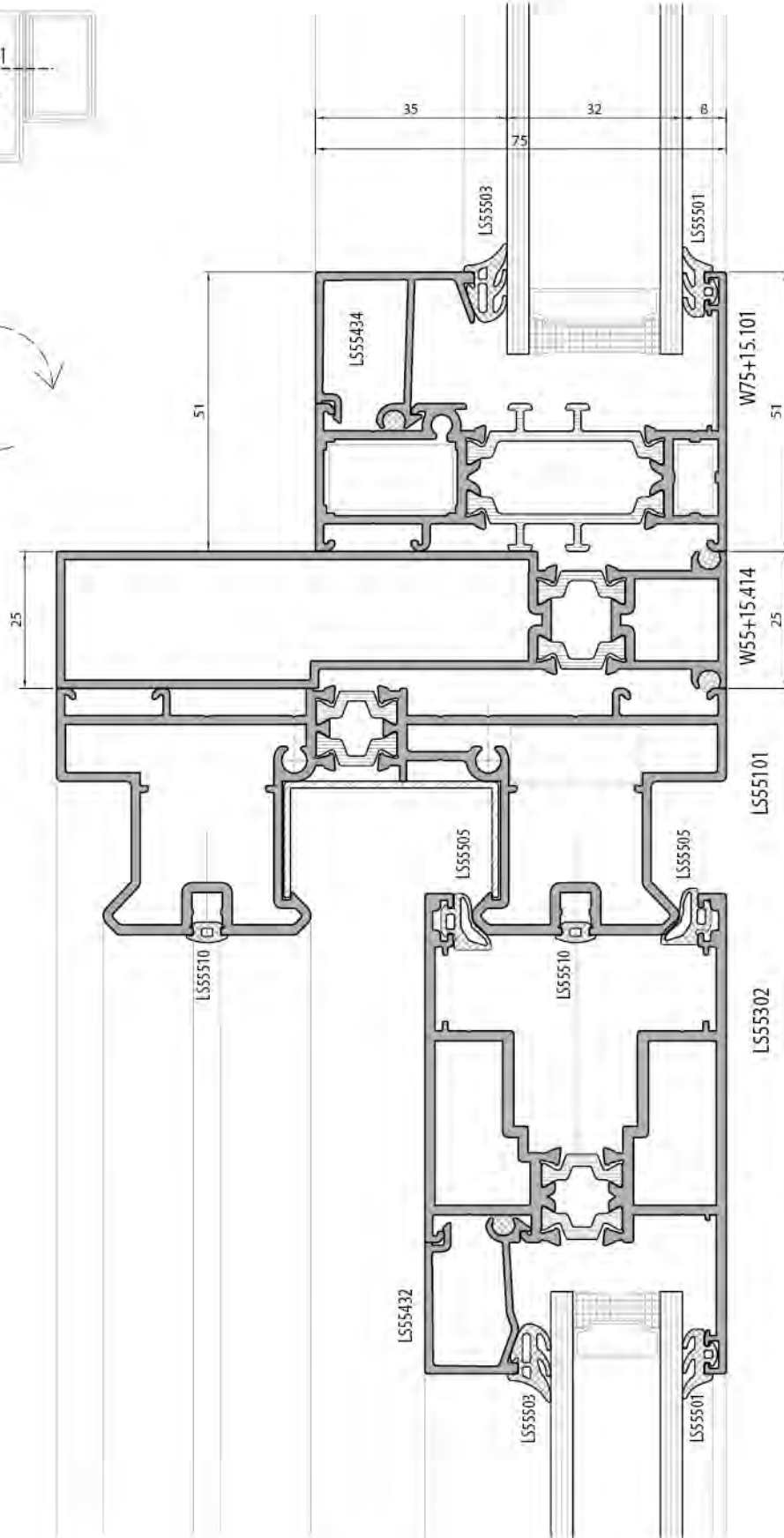
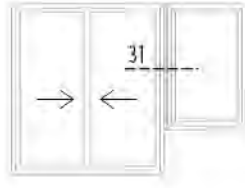
pvc groove section 9 mm

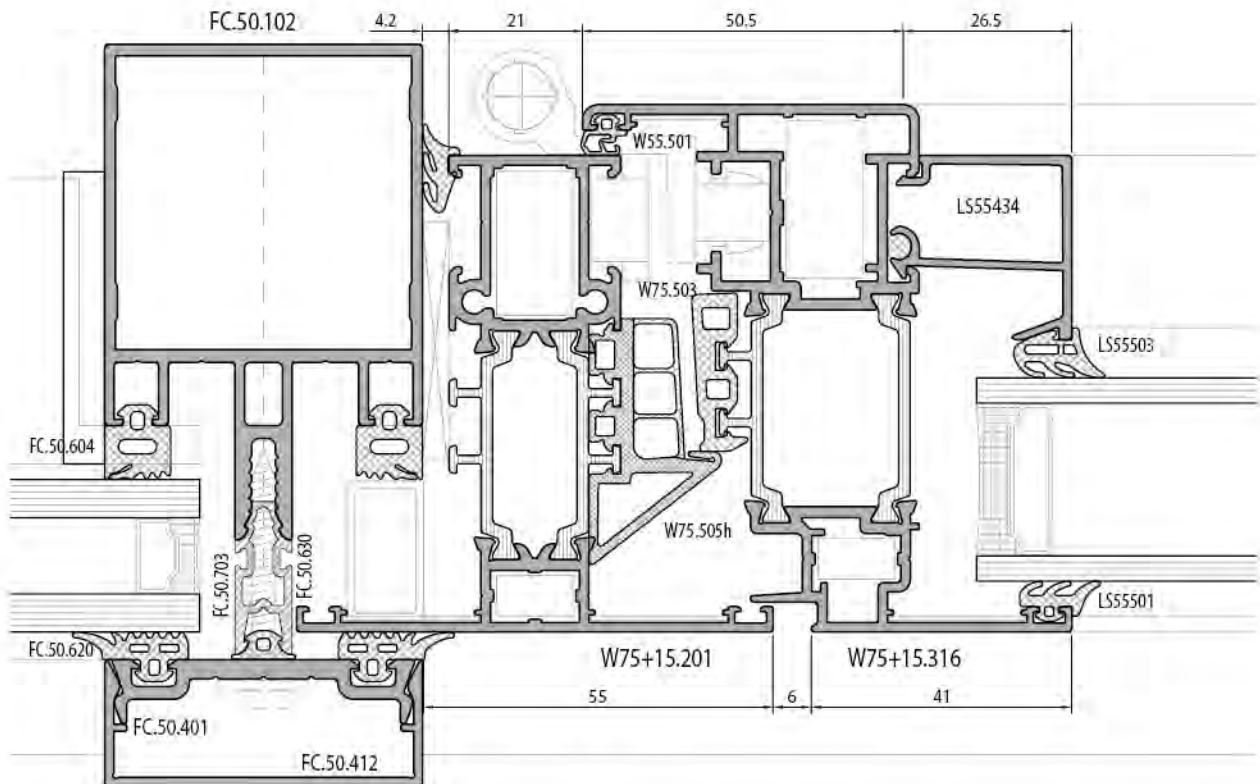
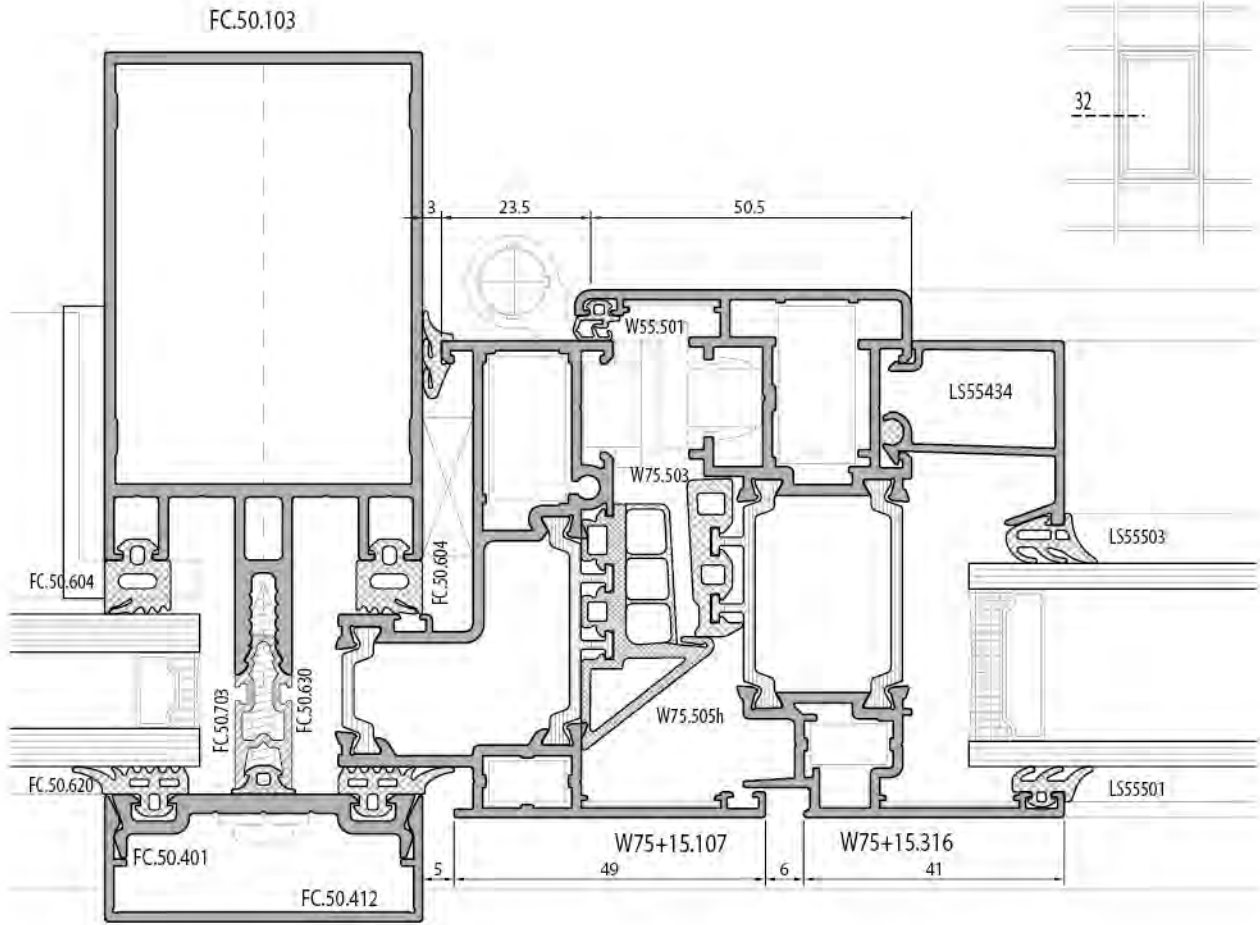




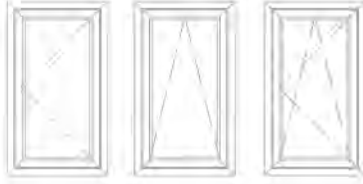




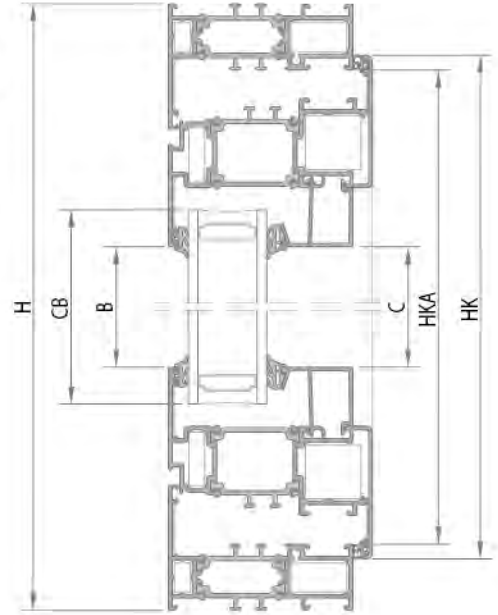
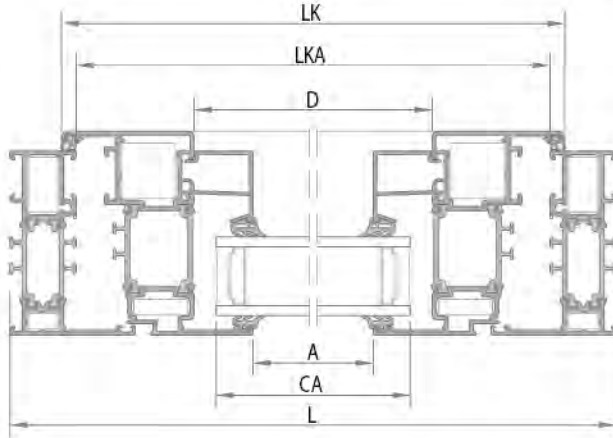




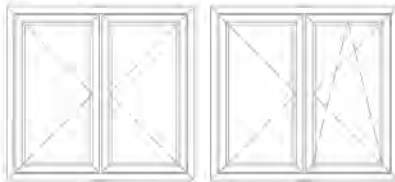
Normal / Vasistas / Çift açılım pencere
Normal / Tilt & Turn window



$$\begin{aligned} LK &= LKA + 12 \\ HK &= HKA + 12 \\ D &= A + 48 \\ C &= B \\ CA &= A + 30 \\ CB &= B + 30 \end{aligned}$$



Normal / Çift açılım pencere
Normal / Tilt & Turn window



$$LK = (LKA/2) + 3$$

$$HK = HKA + 12$$

$$D = A + 48$$

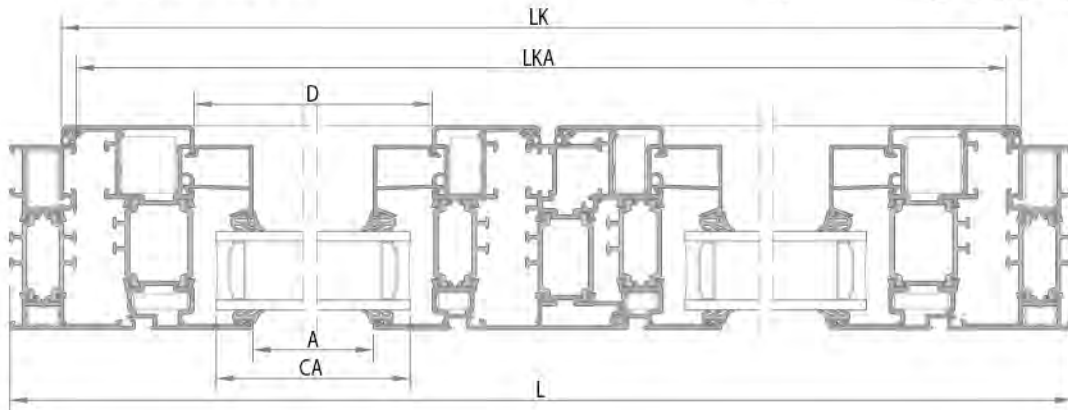
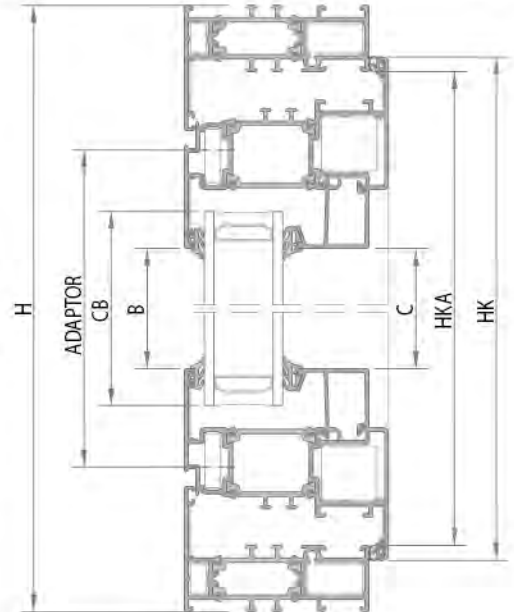
$$C = B$$

$$CA = A + 30$$

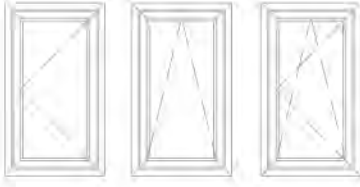
$$CB = B + 30$$

$$ADAPTÖR = HKA - 64$$

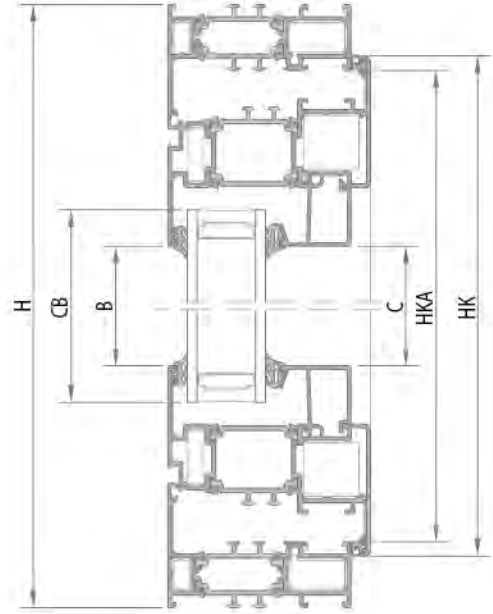
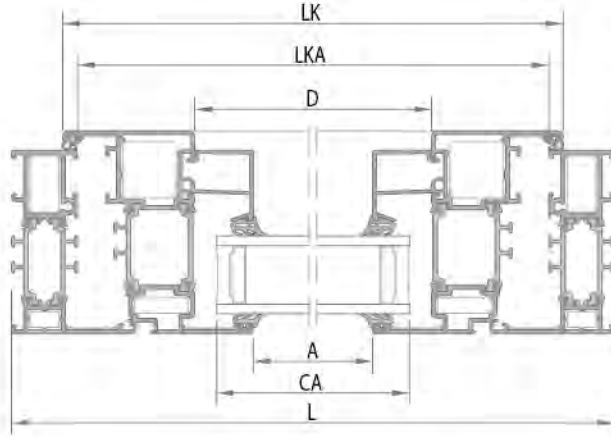
- L dograma eni
- H dograma boyu
- LK
- HK kanat düşey ölçüsü
- LKA kasa yatay ara ölçü
- HKA kasa düşey ara ölçü
- A kanat yatay ara ölçü
- B kanat düşey ara ölçü
- D çita yatay ölçü
- C çita düşey ölçü
- CA cam yatay ölçüsü
- CB cam düşey ölçüsü



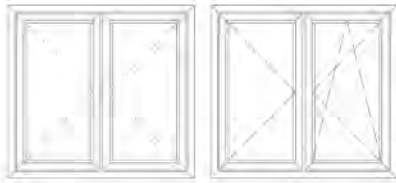
Normal / Vasistas / Çift açılım pencere
Normal / Tilt & Turn window



$$\begin{aligned} LK &= LKA + 12 \\ HK &= HKA + 12 \\ D &= A + 48 \\ C &= B \\ CA &= A + 30 \\ CB &= B + 30 \end{aligned}$$



Normal / Çift açılım pencere
Normal / Tilt & Turn window



$$LK = (LKA/2) + 3$$

$$HK = HKA + 12$$

$$D = A + 48$$

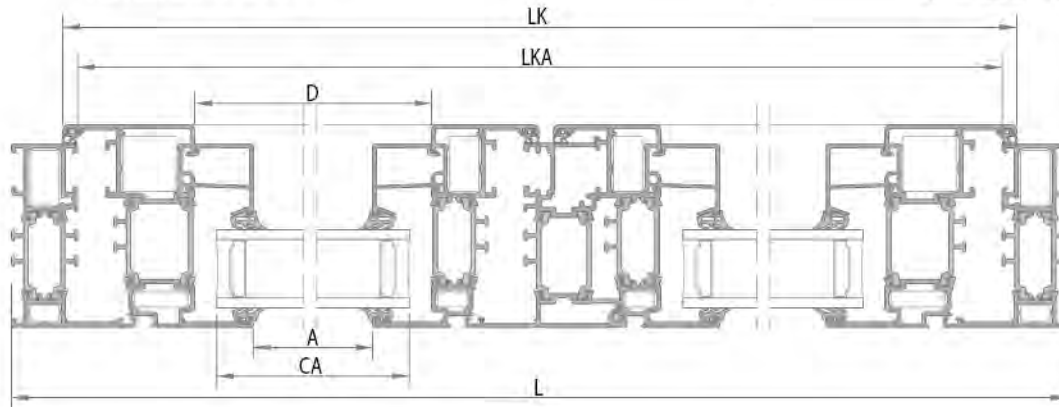
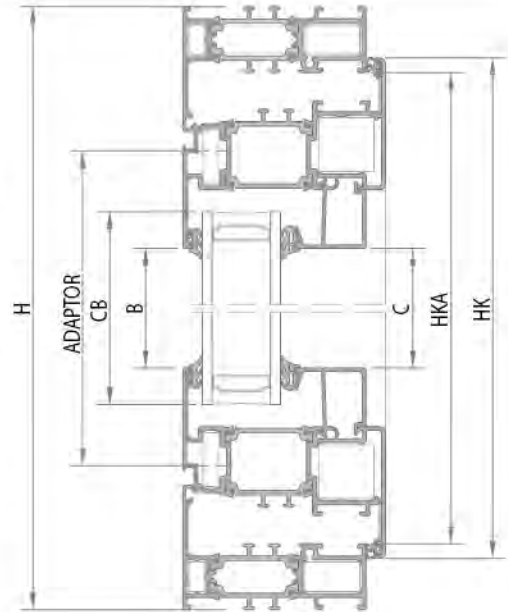
$$C = B$$

$$CA = A + 30$$

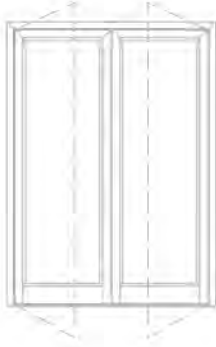
$$CB = B + 30$$

$$ADAPTÖR = HKA - 64$$

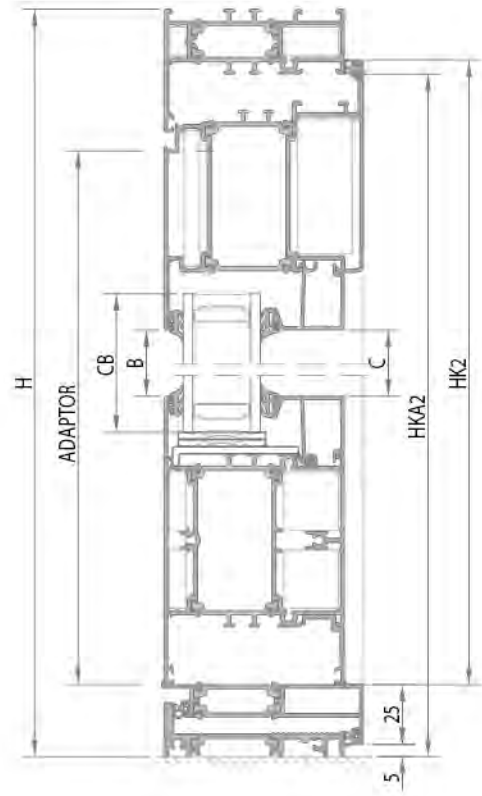
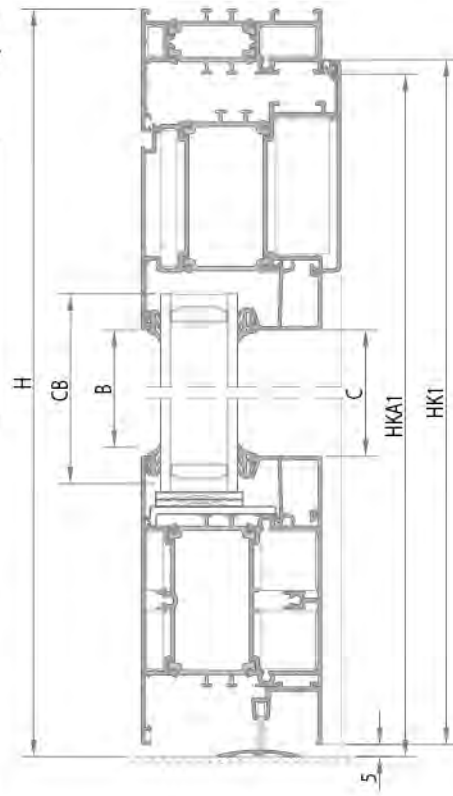
- | | |
|-----|----------------------|
| L | dograma eni |
| H | dograma boyu |
| LK | kanat yatay ölçüsü |
| HK | kanat düşey ölçüsü |
| LKA | kasa yatay ara ölçü |
| HKA | kasa düşey ara ölçü |
| A | kanat yatay ara ölçü |
| B | kanat düşey ara ölçü |
| D | çita yatay ölçü |
| C | çita düşey ölçü |
| CA | cam yatay ölçüsü |
| CB | cam düşey ölçüsü |



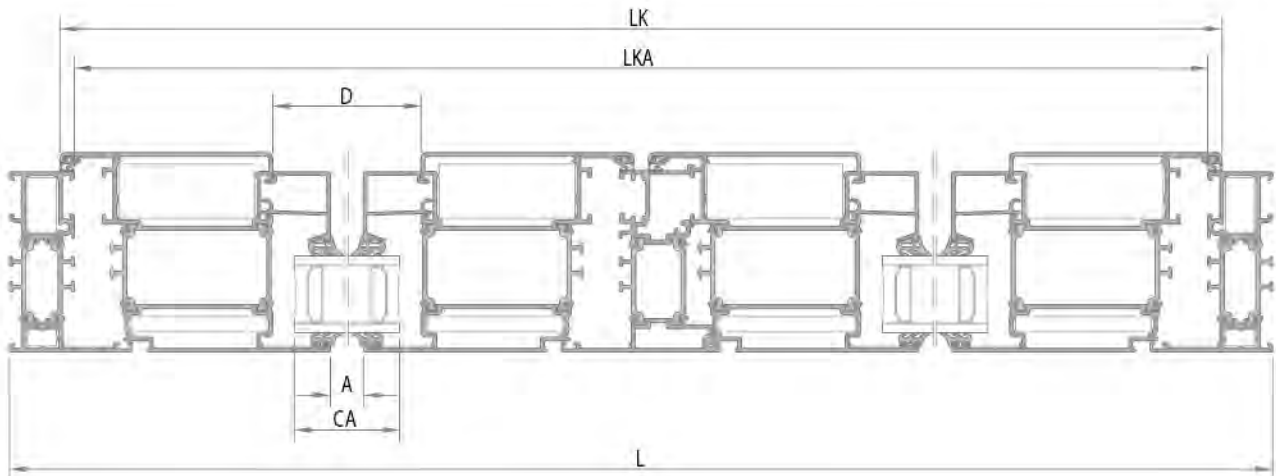
Çift kanat içe açılır kapı
Double sash inward opening door



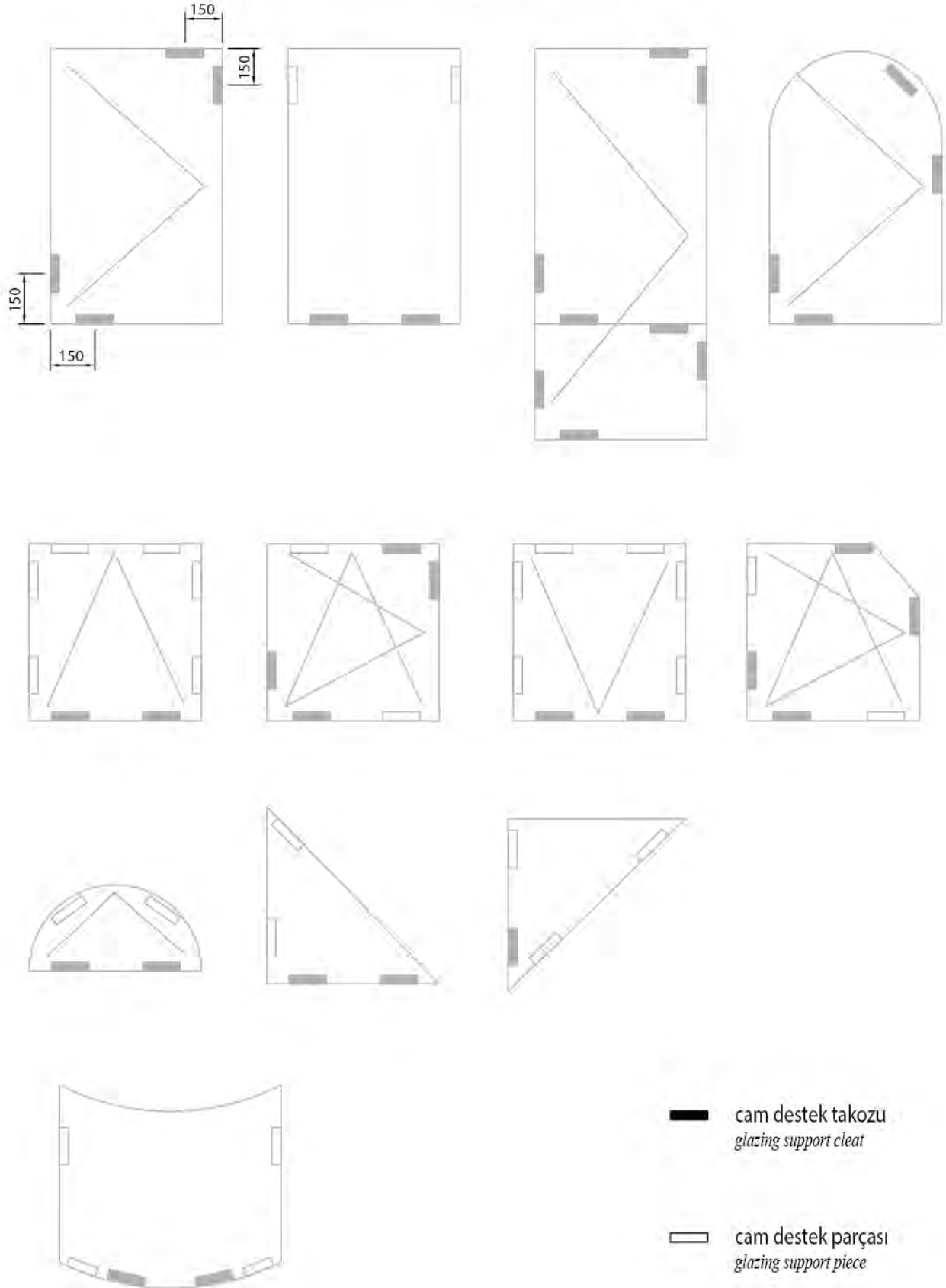
- L dograma eni
H dograma boyu
LK kanat yatay ölçüsü
HK kanat düşey ölçüsü
LKA kasa yatay ara ölçü
HKA kasa düşey ara ölçü
A kanat yatay ara ölçü
B kanat düşey ara ölçü
D çita yatay ölçü
C çita düşey ölçü
CA cam yatay ölçüsü
CB cam düşey ölçüsü

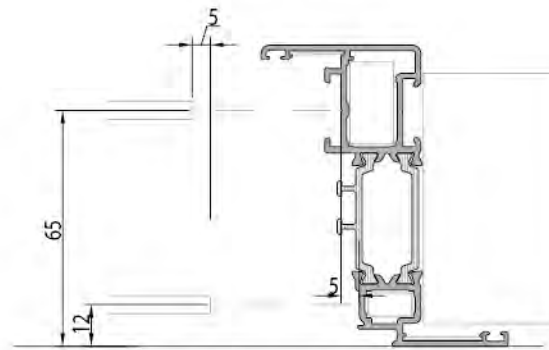
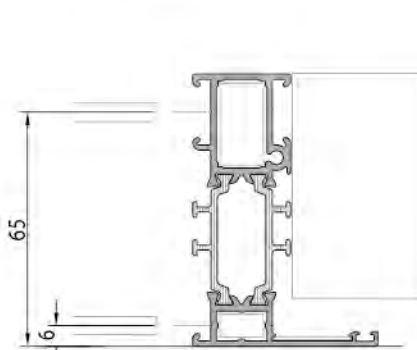
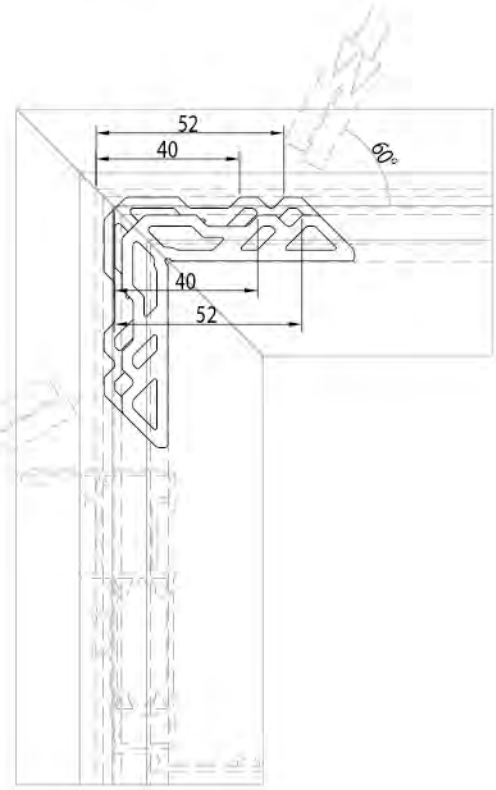
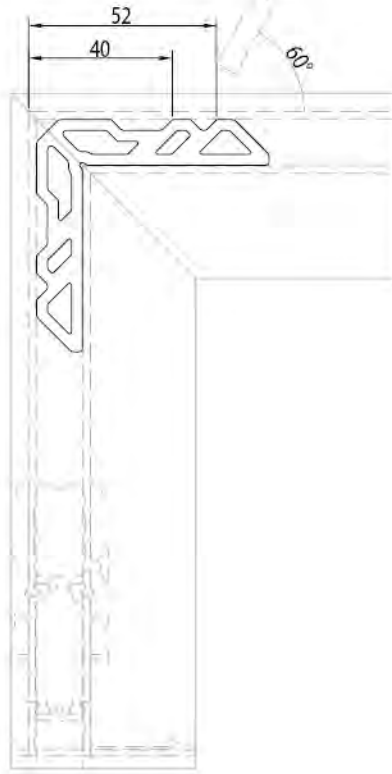
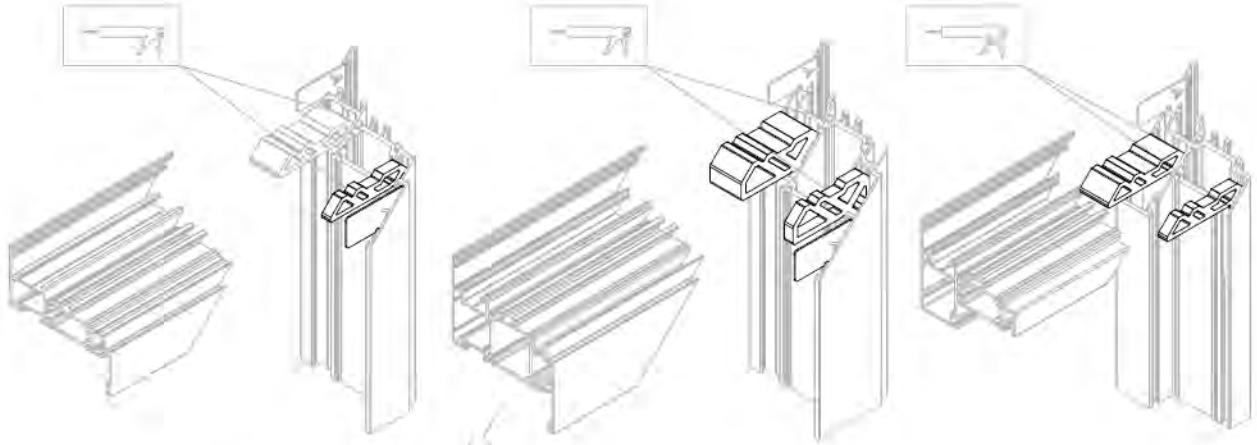


$$\begin{aligned} LK &= (LKA/2)+3 \\ HK1 &= HKA1+1 \\ HK2 &= HKA1-24 \\ D &= A+48 \\ C &= B \\ CA &= A+30 \\ CB &= B+30 \\ ADAPTÖR &= HKA2-62 \end{aligned}$$



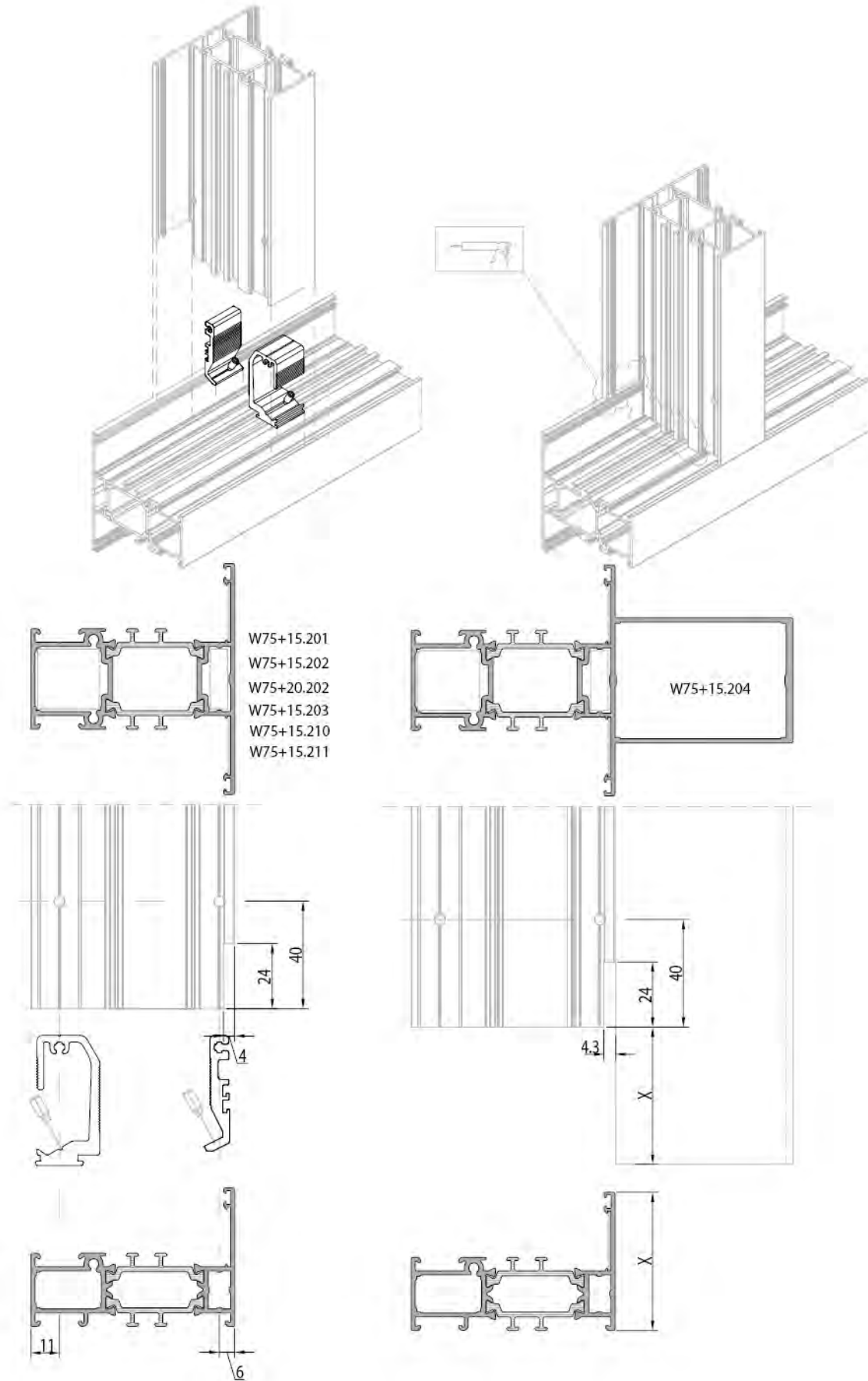
Cam Takozlama / Glazing Wedging

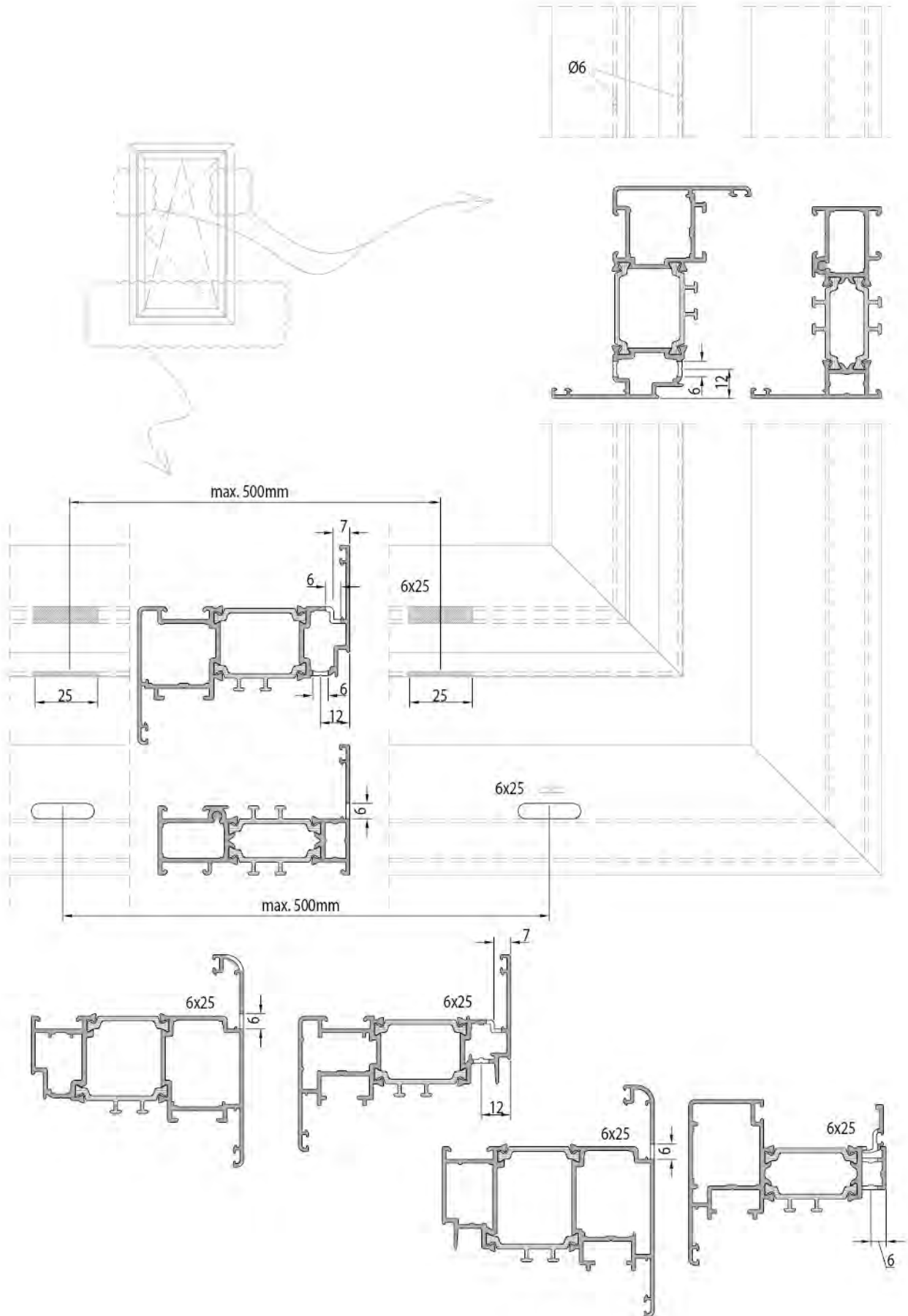


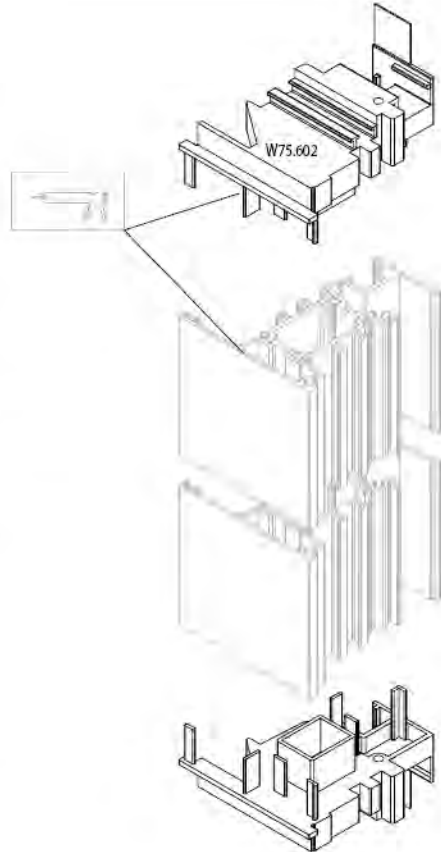
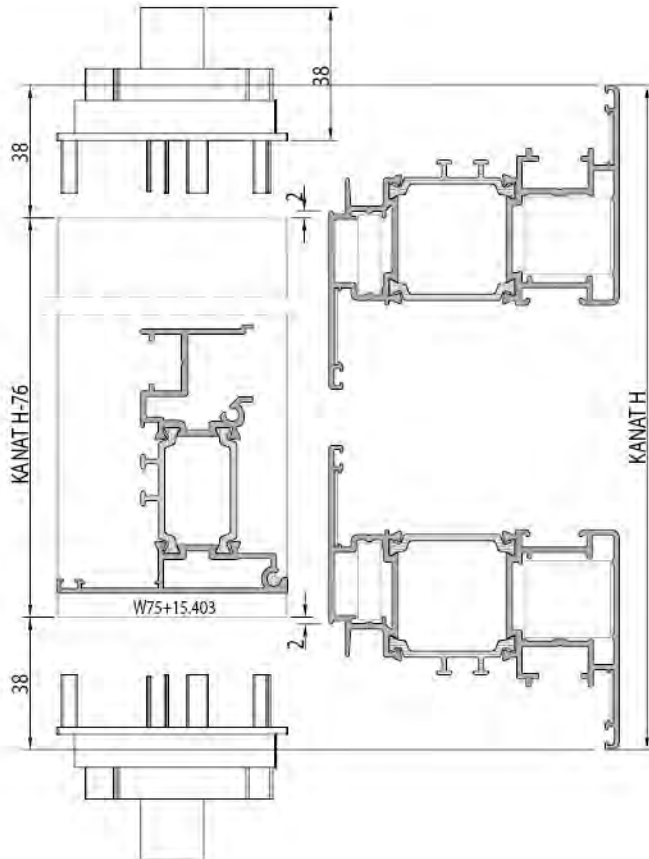
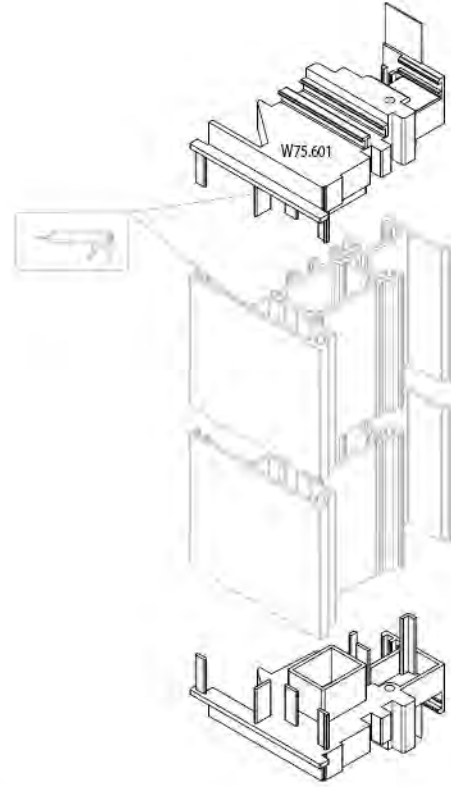
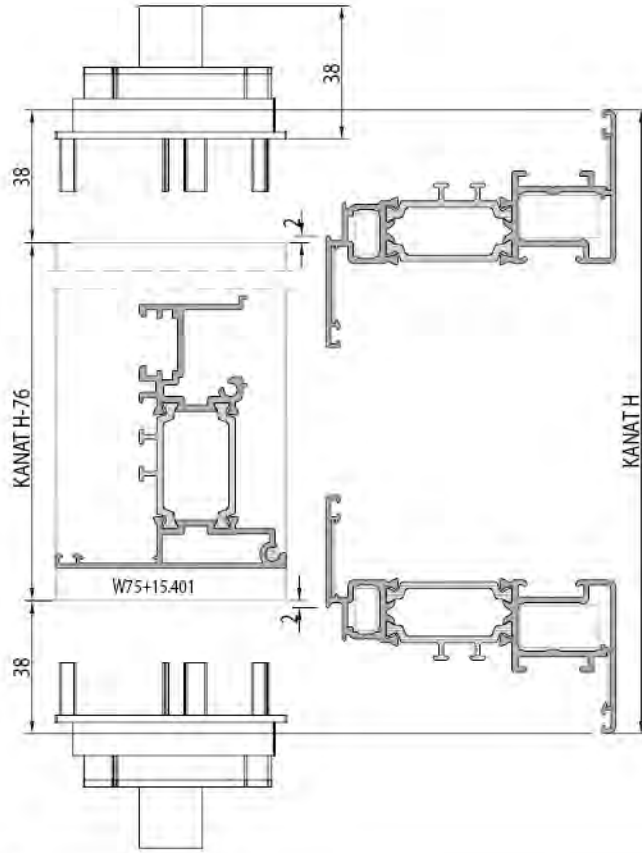


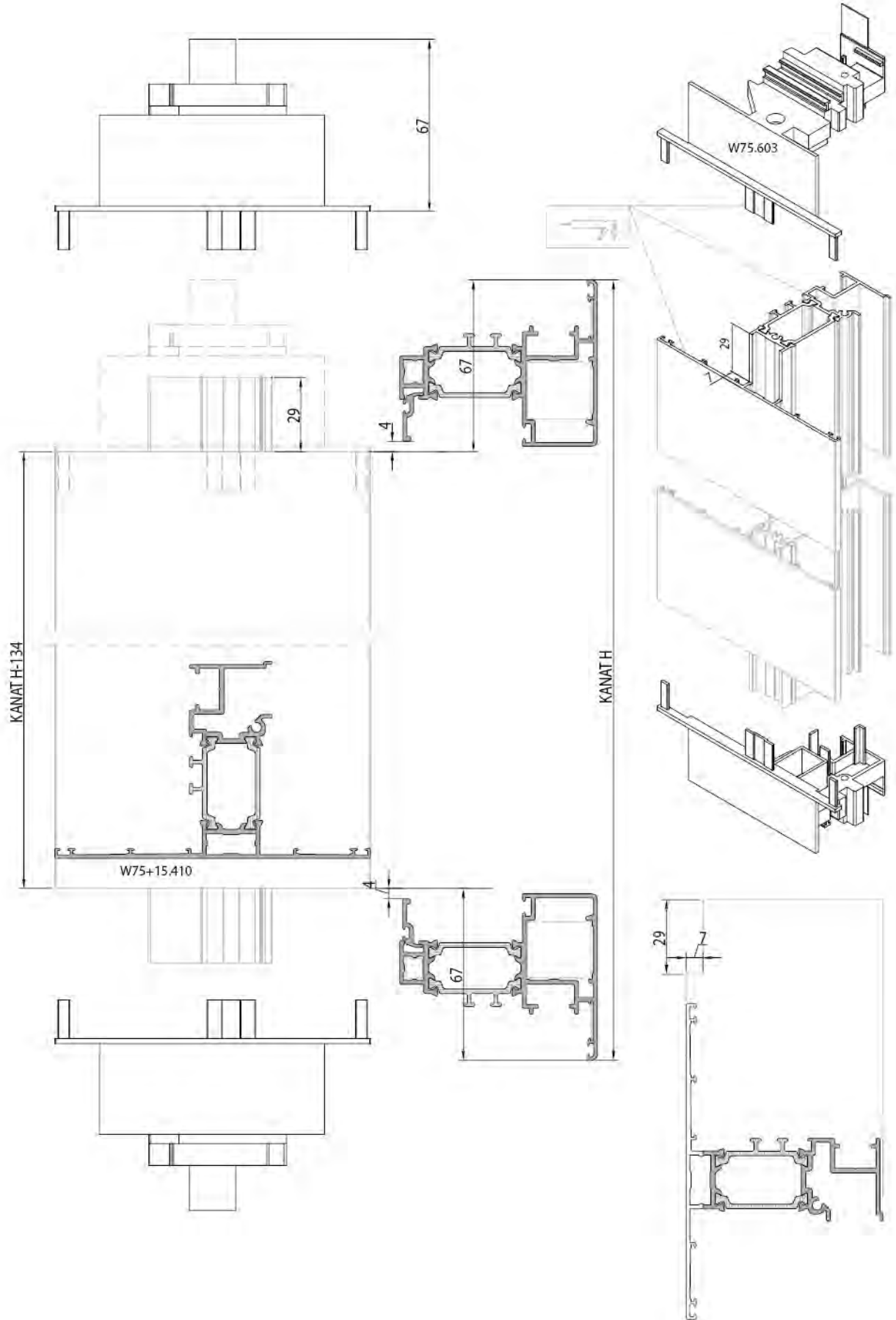
W75+15.101	W75+15.110	W75+15.204
W75+15.102	W75+15.201	W75+15.210
W75+20.102	W75+15.202	W75+15.211
W75+15.103	W75+20.202	
W75+15.104	W75+15.203	
W75+15.106		

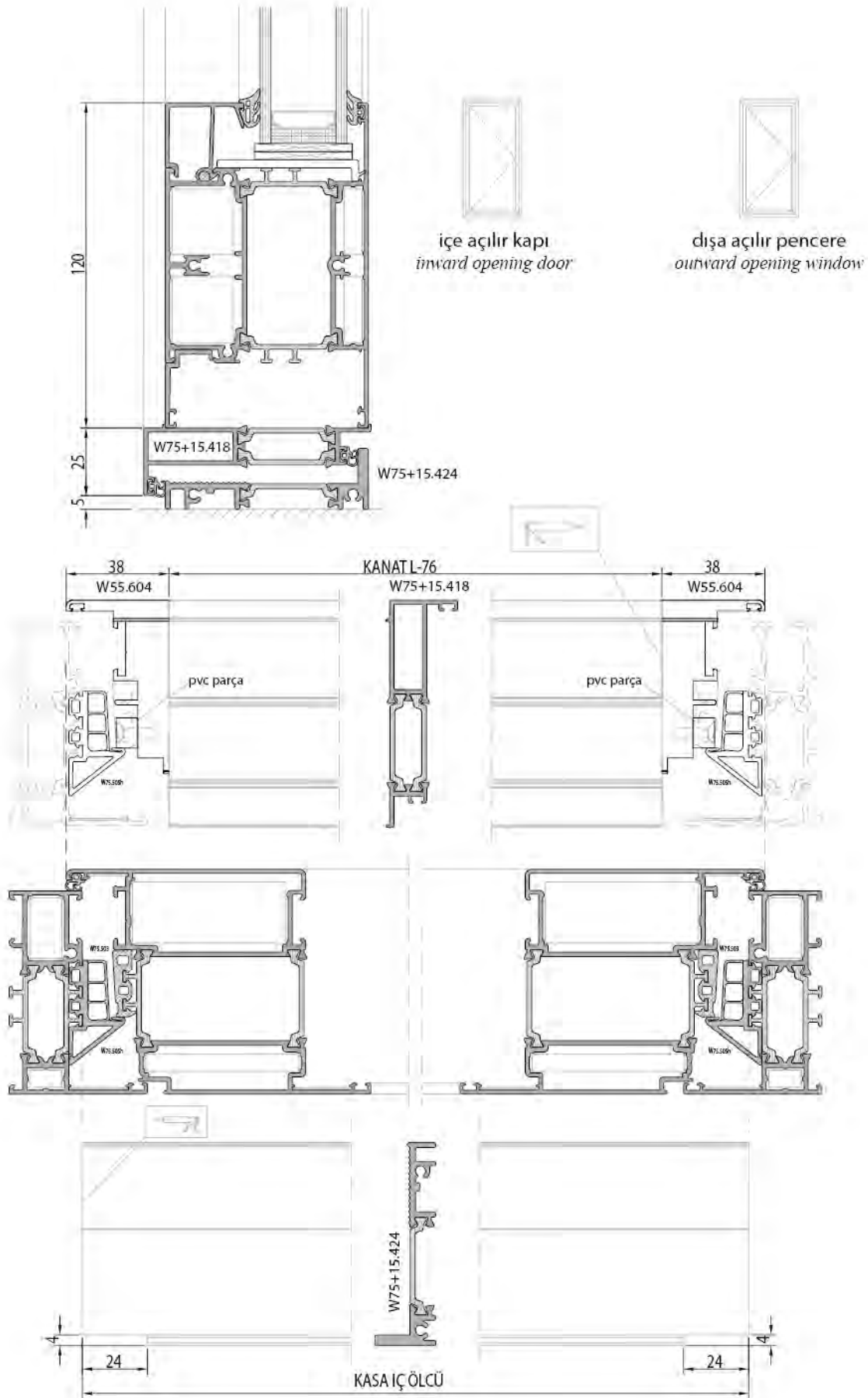
W75+15.301	W75+15.310	W75+15.317
W75+15.302	W75+15.311	W75+20.317
W75+20.302	W75+20.311	W75+15.318
W75+15.303	W75+15.316	W75+15.319
W75+15.304		W75+15.325
		W75+15.326

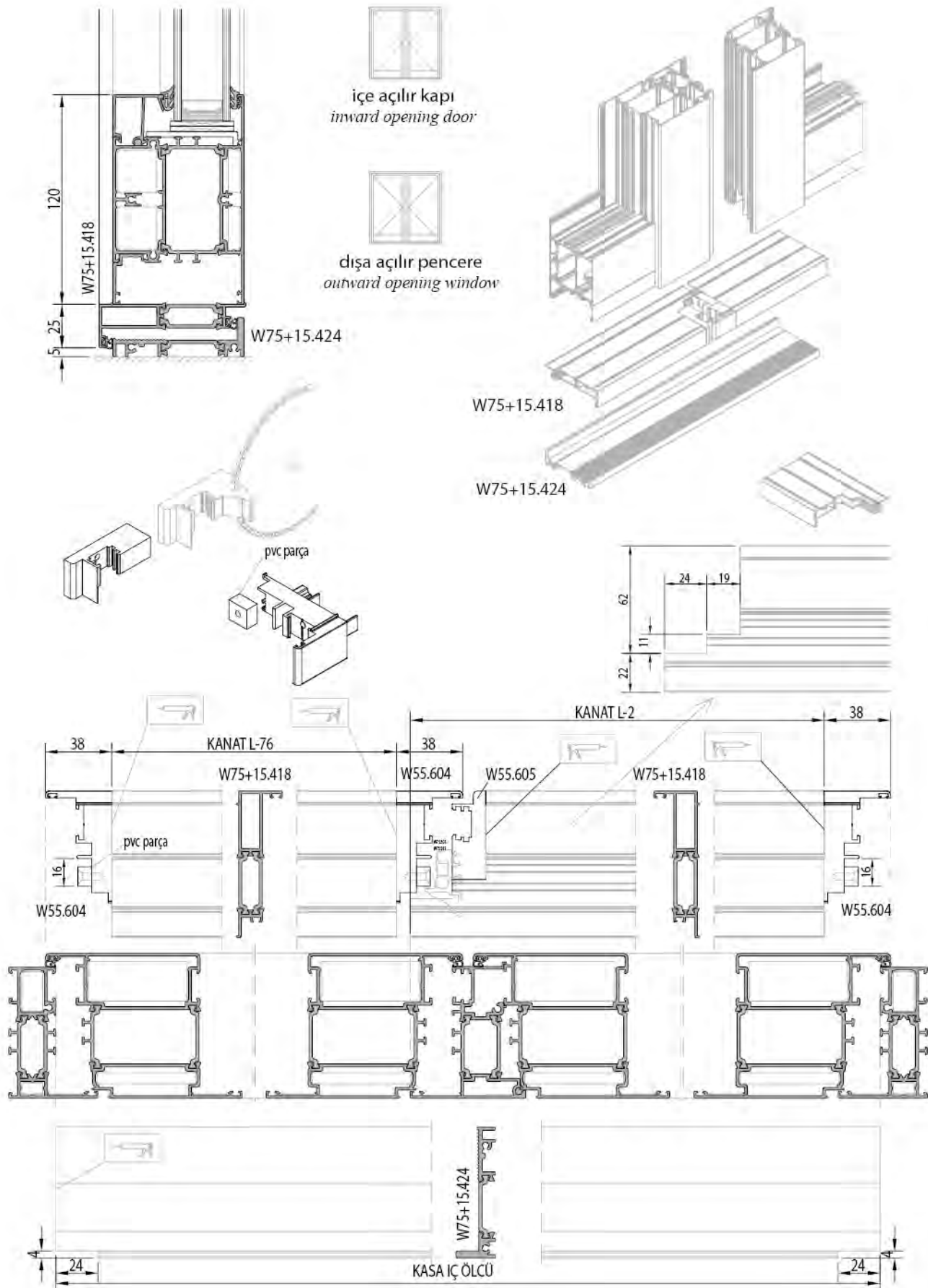




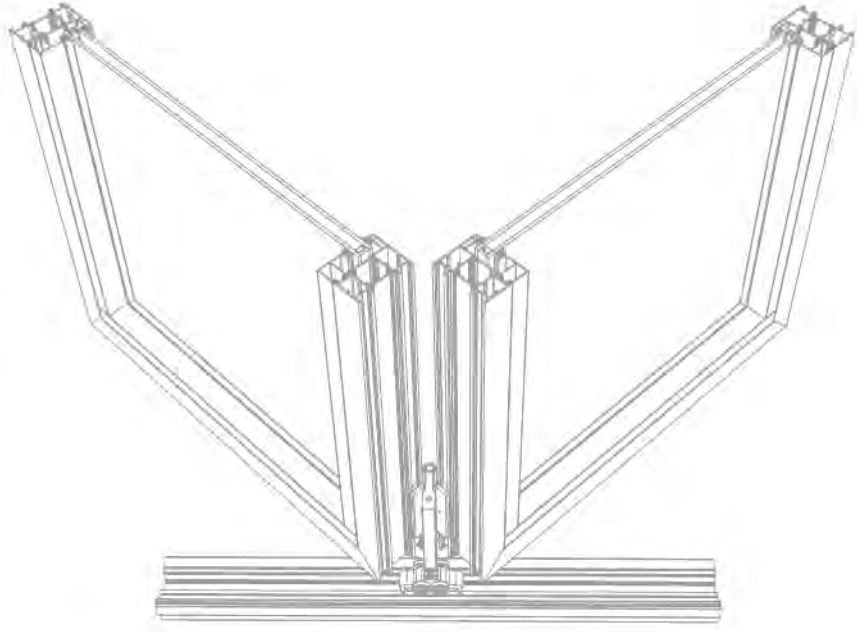








FW77+



YALITIMLI KATLANIR SİSTEM INSULATED FOLDING SYSTEM	FW77+	KASA	FRAME	100	FW77.15.101
		ORTA KAYIT	MULLION	200	
		KANAT	SASH	300	
		ADAPTÖR, BAGL. PR	ADAPTER	400	
		EPDM GRUP	EPDM GROUP	500	
		PVC GRUP	PVC GROUP	600	
		AÇILIM GRUP	OPENING GROUP	700	

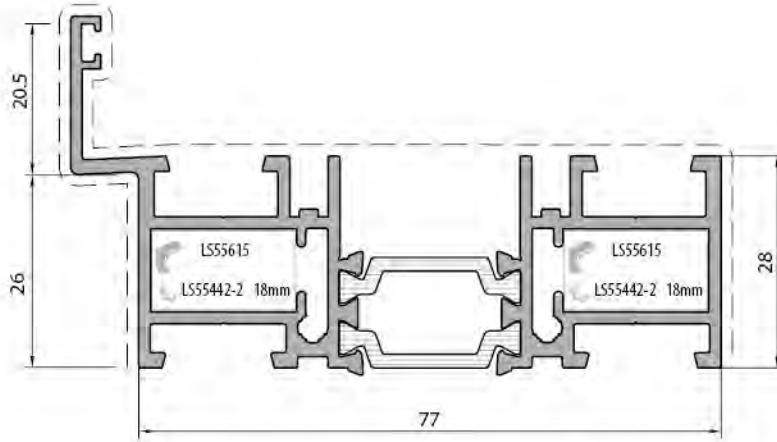
PROFİL ET KALINLIĞI	PROFILE THICKNESS	1.6-2 mm
KASA YÜKSEKLİĞİ	FRAME HEIGHT	77 mm
KANAT YÜKSEKLİĞİ	SASH HEIGHT	77 mm
ISI BARIYERİ	THERMAL ISULATION BAR	24-32 mm
CAM KALINLIĞI	GLASS THICKNESS	6-54 mm
MAX. KANAT YÜKSEKLİK	MAX. SASH HEIGHT	3500 mm
MAX. KANAT GENİŞLİK	MAX. SASH WIDTH	1200 mm
MAX. KANAT AĞIRLIK	MAX. SASH WEIGHT	120 kg

ALAŞIM ÖZELLİKLERİ
ALLOY PROPERTIES

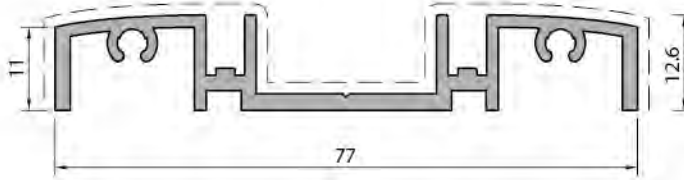
EN AW 6060 (AlMgSi0,5 F22)
EN AW 6063 (AlMg0,7Si F22)

ÜRETİM VE MEKANİK STANDARTLAR
PRODUCTION AND MECHANICAL STANDARDS

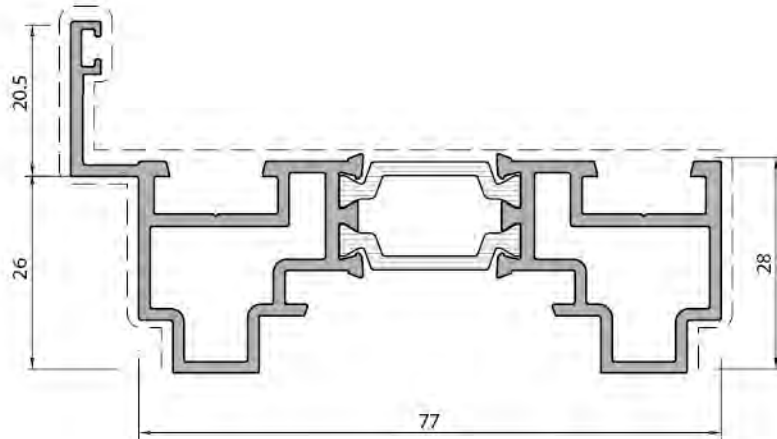
EN 12020-2 EN 755-9 EN 755-2



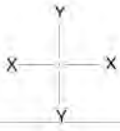
Kasa Profili Frame profile	
FW77+15.101	
Weight : 1,580 kg/m	
lx : 32,78 cm ⁴	Wx : 1,04 cm ³
ly : 40,23 cm ⁴	Wy : 0,93 cm ³



Eşiksiz Kasa Profili Non-threshold frame profile	
FW77+15.102	
Weight : 0,762 kg/m	
lx : 6,50 cm ⁴	Wx : 2,42 cm ³
ly : 15,73 cm ⁴	Wy : 0,17 cm ³

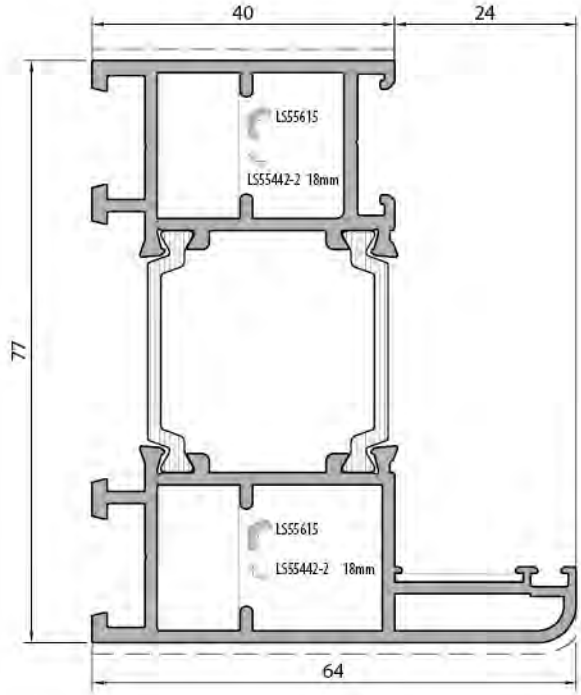


Ayarlı Kasa Profili Adjustable frame profile	
FW77+15.103	
Weight : 1,425 kg/m	
lx : 31 cm ⁴	Wx : 1,1 cm ³
ly : 37 cm ⁴	Wy : 0,90 cm ³

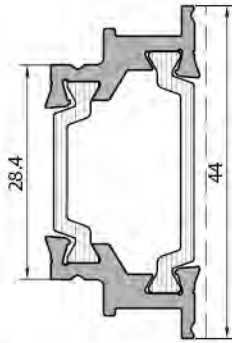


FW77+ YALITIMLI KATLANIR SİSTEM / INSULATED FOLDING SYSTEM

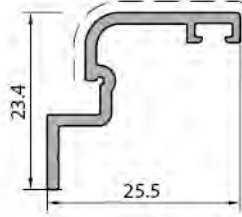
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



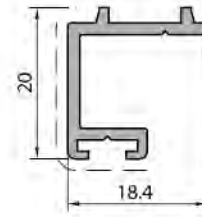
Kanat Profili <i>Sash profile</i>	
FW77+15.301	
Weight : 1,750 kg/m	
Ix : 41,54 cm ⁴	Wx : 1,50 cm ³
Iy : 14,50 cm ⁴	Wy : 0,35 cm ³



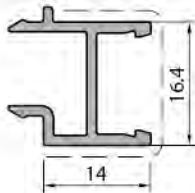
Kilit Adaptör Profili <i>Lock adapter profile</i>
FW77+15.401
Weight : 0,621 kg/m



Kanat Bini Adaptör Profili <i>Sash gasket adapter profile</i>
FW77+15.402
Weight : 0,213 kg/m

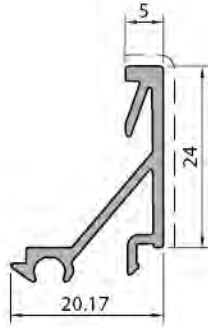


Fırça Profili <i>Brush profile</i>
FW77+15.403
Weight : 0,213 kg/m



Kanat Adaptör Profili <i>Sash adapter profile</i>
FW77+15.404
Weight : 0,208 kg/m

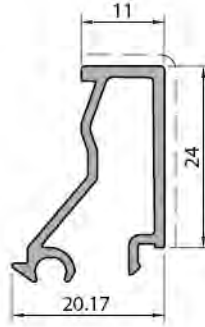
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.



Cam Çıtası Profili
Glazing bead profile

LS55430

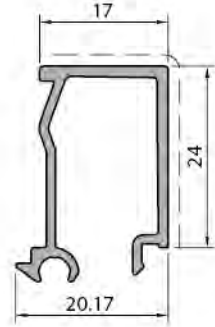
Weight : 0,258 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55431

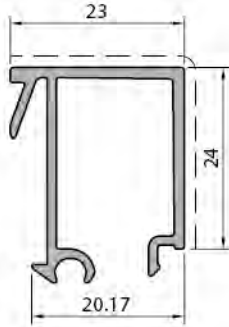
Weight : 0,282 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55432

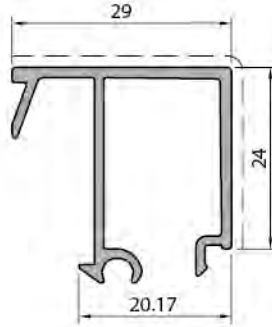
Weight : 0,294 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55433

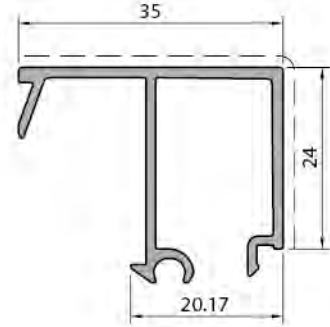
Weight : 0,341 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55434

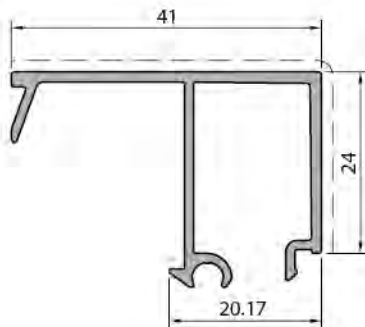
Weight : 0,363 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55435

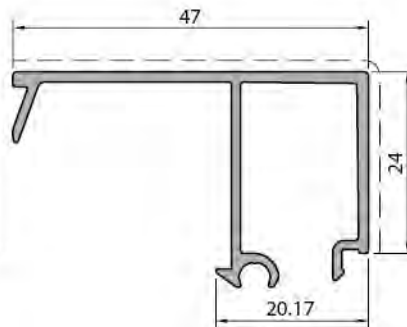
Weight : 0,385 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55436

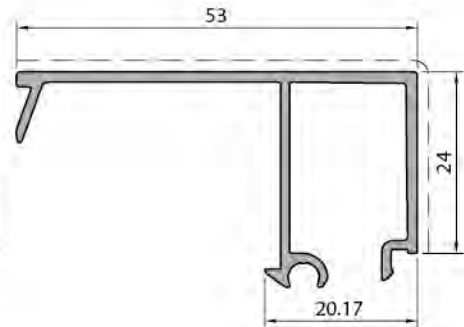
Weight : 0,408 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55437

Weight : 0,429 kg/m



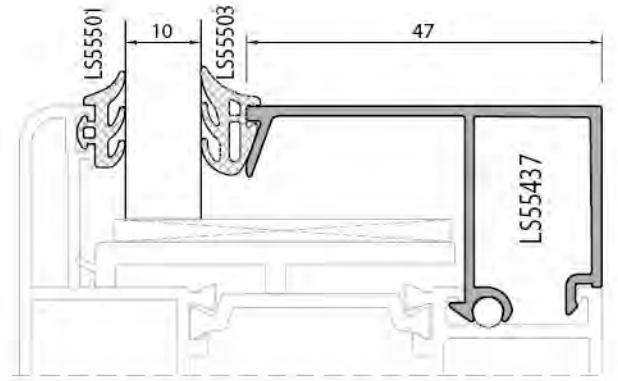
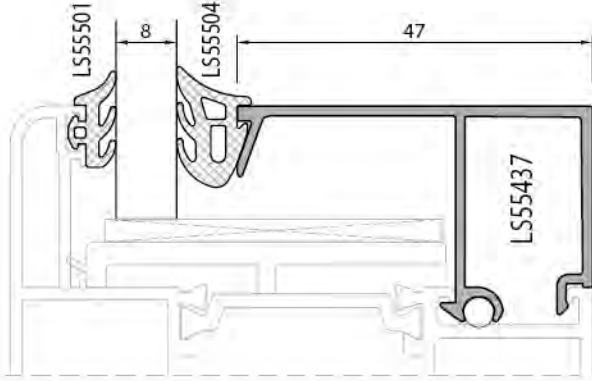
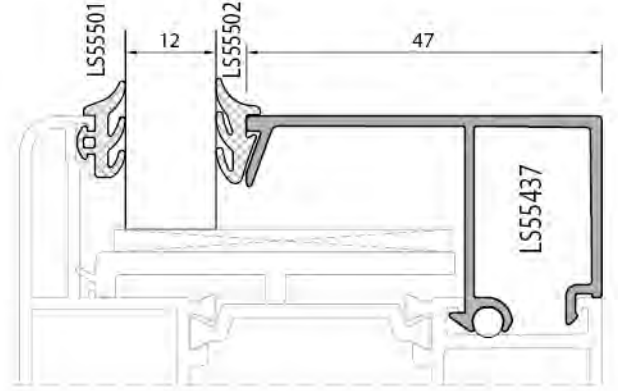
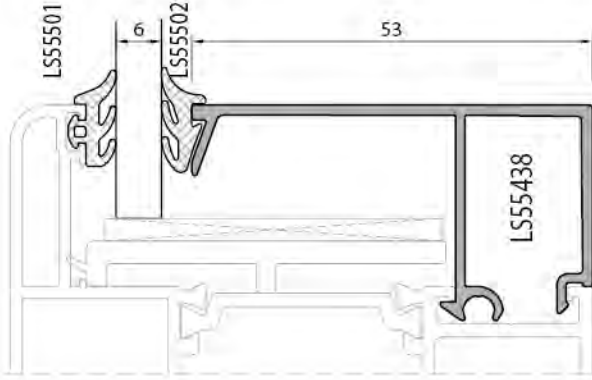
Cam Çıtası Profili
Glazing bead profile

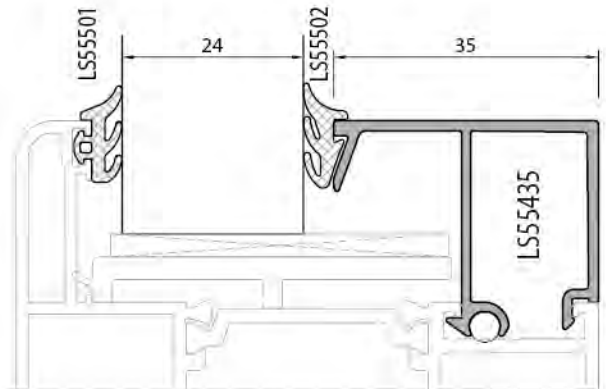
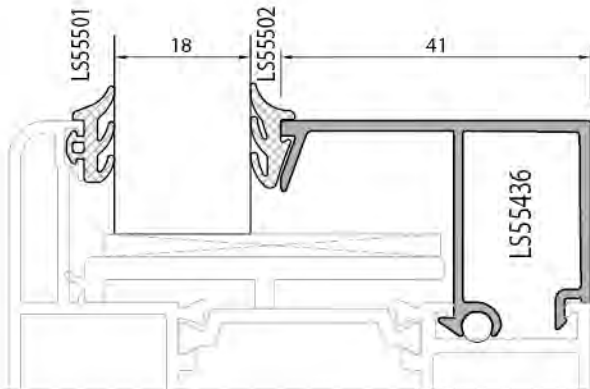
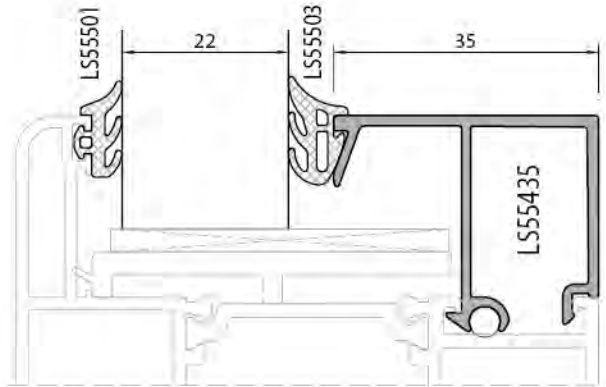
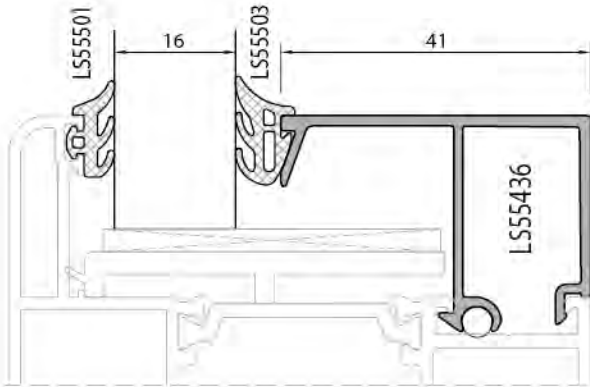
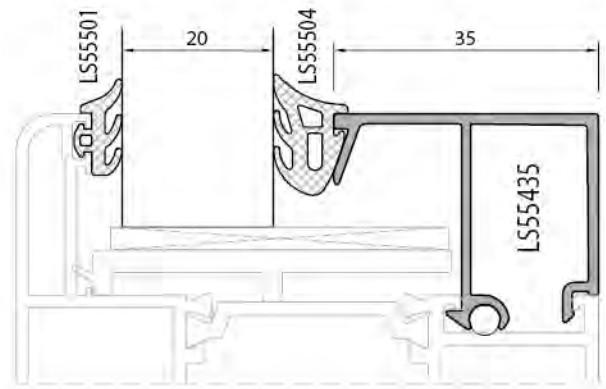
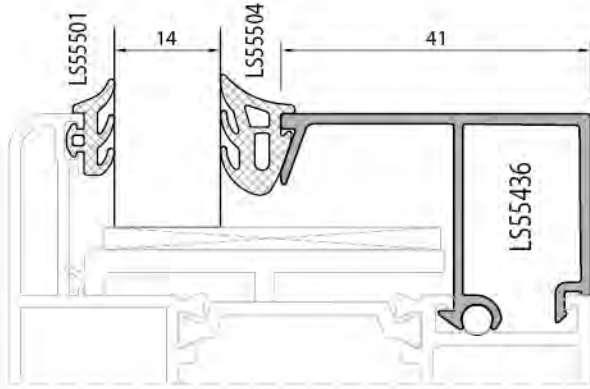
LS55438

Weight : 0,451 kg/m

FW77+ YALITIMLI KATLANIR SİSTEM / INSULATED FOLDING SYSTEM

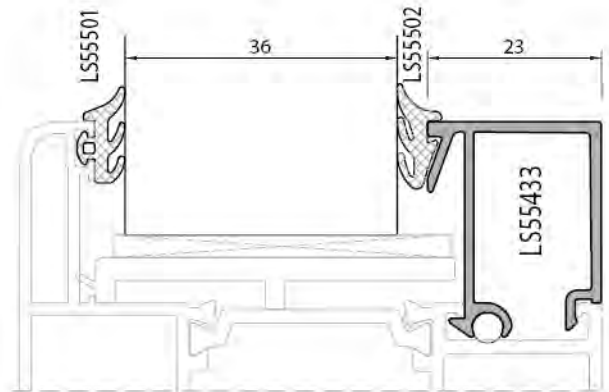
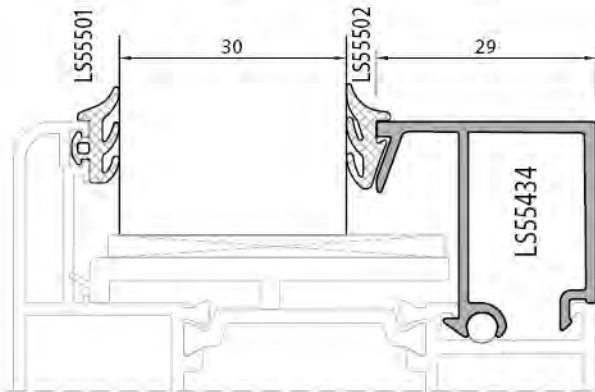
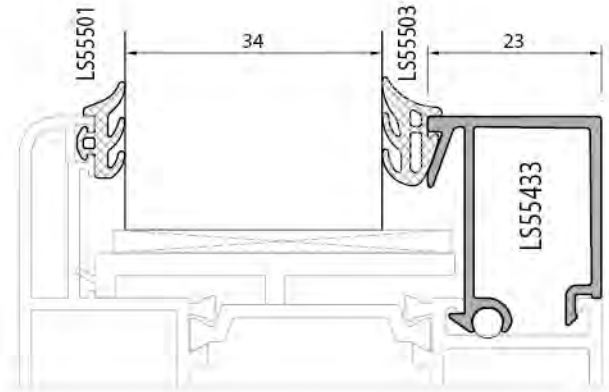
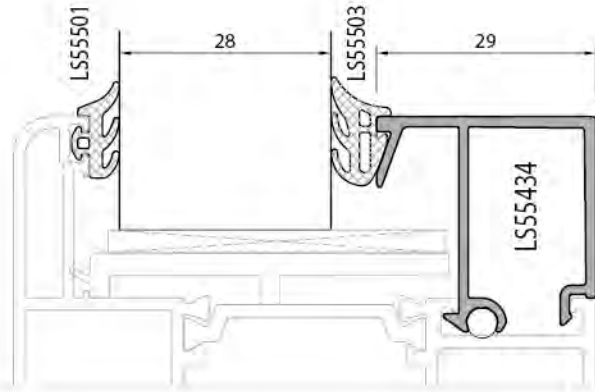
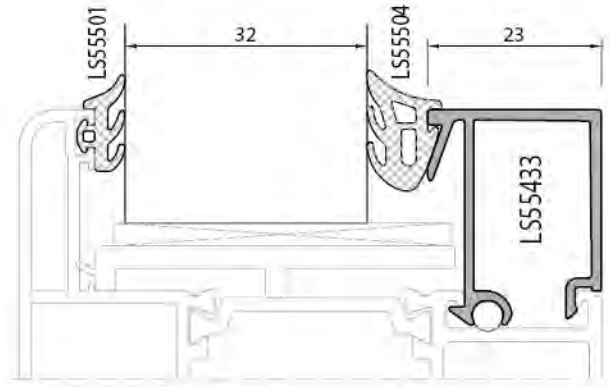
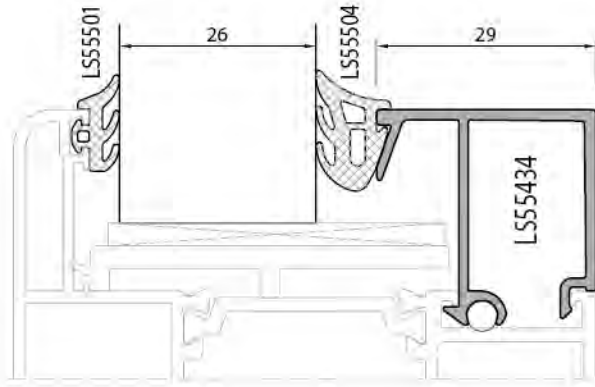
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



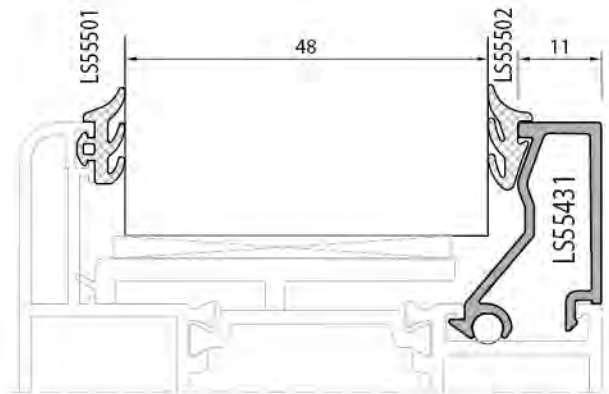
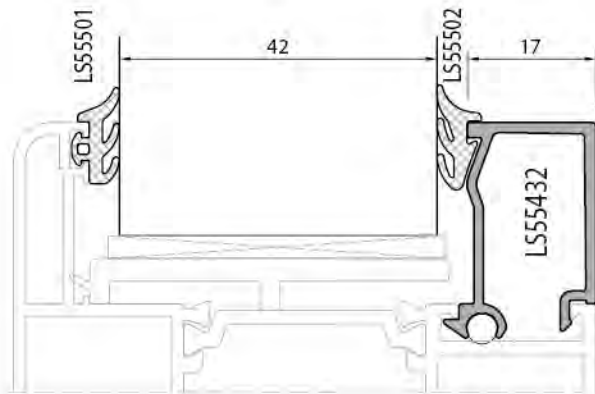
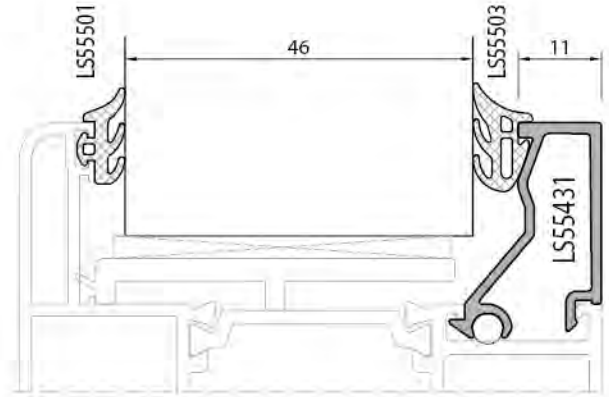
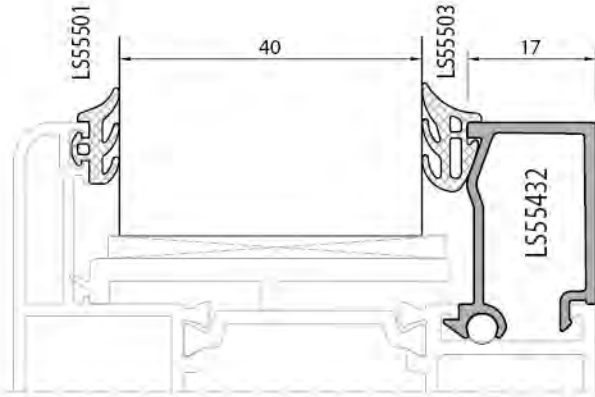
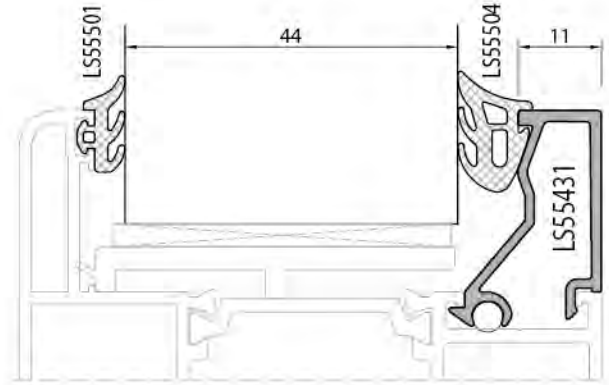
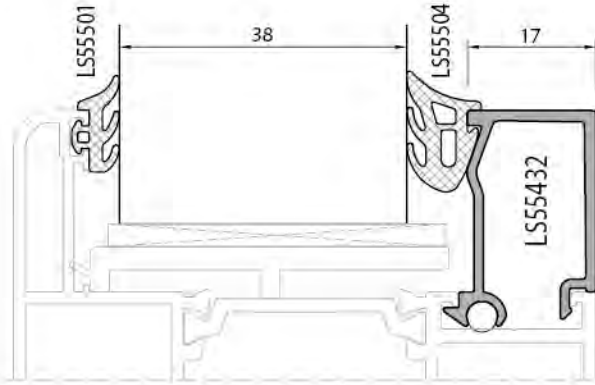


FW77+ YALITIMLI KATLANIR SİSTEM / INSULATED FOLDING SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

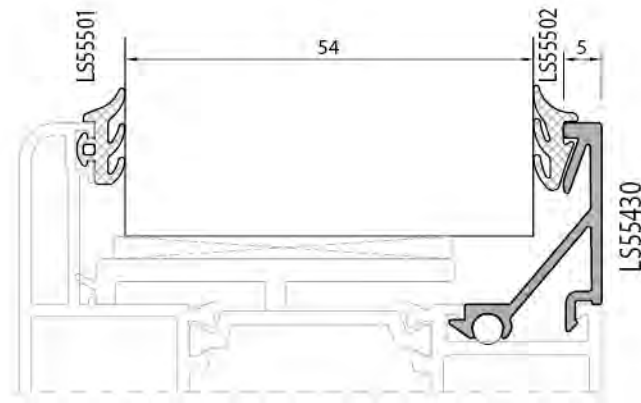
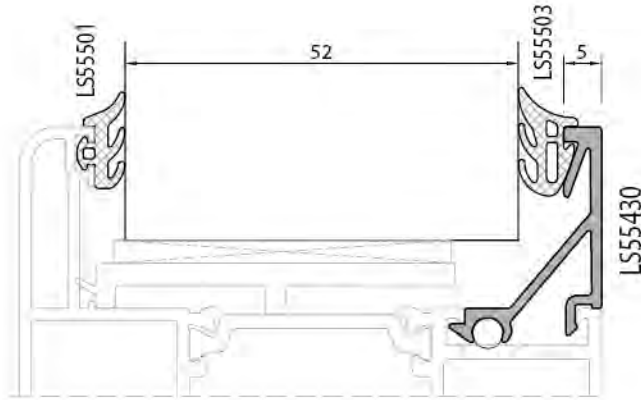
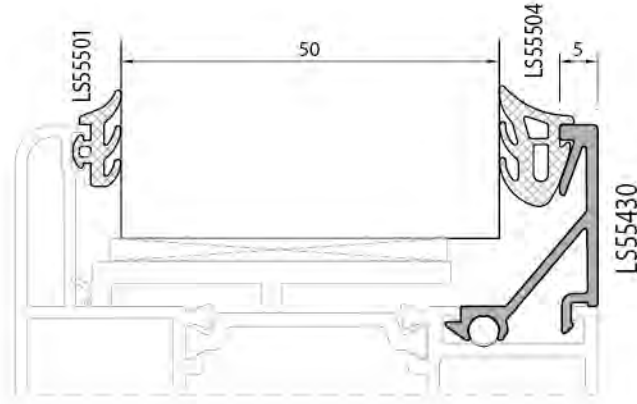


Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.

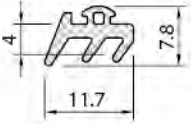
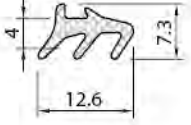
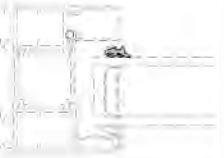
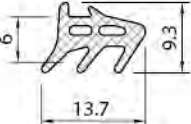
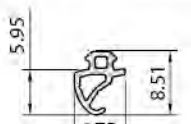
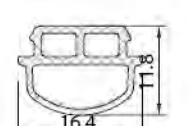
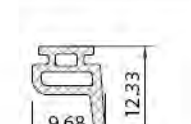
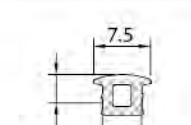


FW77+ YALITIMLI KATLANIR SİSTEM / INSULATED FOLDING SYSTEM

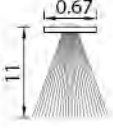
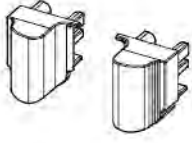
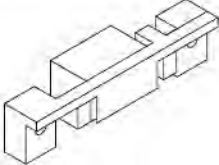
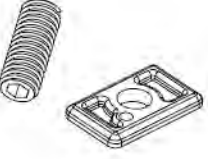
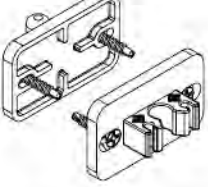
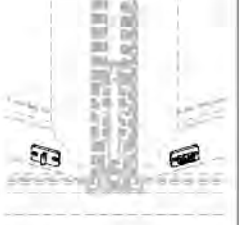
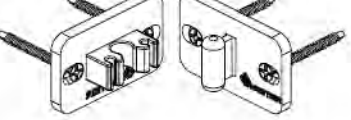
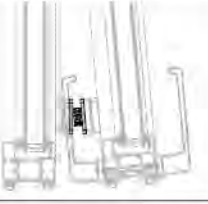
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



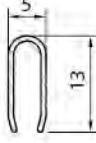
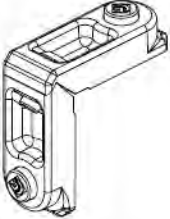
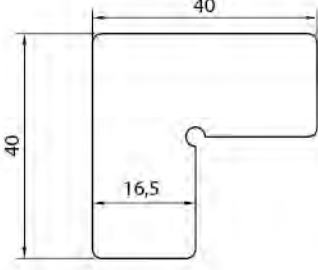
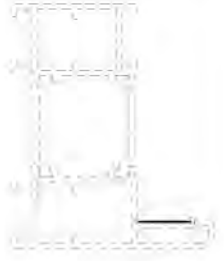
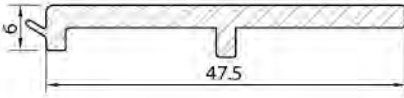
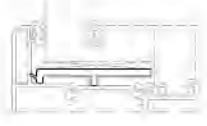
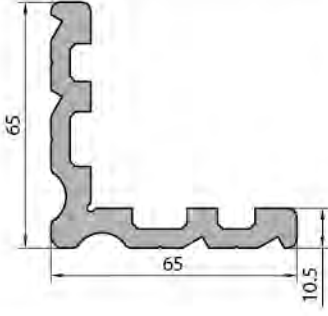
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.

Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
LS55501		epdm cam dış fitil glazing gasket outside	55 gr/m	12 kg	220 m	
LS55502		epdm cam iç fitil glazing gasket inside	52 gr/m	12 kg	230 m	
LS55503		epdm cam iç fitil glazing gasket inside	50 gr/m	12 kg	150 m	
LS55504		epdm cam iç fitil glazing gasket inside	92 gr/m	12 kg	130 m	
W55.501		epdm fitil epdm gasket	26 gr/m	12 kg	460 m	
FW77501		epdm fitil epdm gasket	97 gr/m	10 kg	103 m	
FW77502		epdm fitil epdm gasket	50 gr/m	10 kg	200 m	
FW77503		epdm fitil epdm gasket	28 gr/m	12 kg	428 m	

FW77+ YALITIMLI KATLANIR SİSTEM / INSULATED FOLDING SYSTEM**ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES**

Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55621		perdeli fırça fitil rabbet brush gasket	250 m/pk	
FW77601		vulkanize köşe fitili vulcanised corner gasket	50 pcs/pk	
FW77602		su tahliye kapağı water drainage plug	100 pcs/pk	
FW77603		90° birleşim adaptörü adapter profile pvc cover	2 pcs/pk	
FW77604		kasa ayar plakası Frame adjusting plate	100 pcs/pk	
FW77605		kanat durdurucu sash stopper	50 pcs/pk	
FW77606		kanat durdurucu sash stopper	50 pcs/pk	

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir. Profil imalatları TS EN 12020-02 ve TS EN 755-9 toleransı, Moment değerleri EN 14024'e göre hesaplanmıştır.
Profile values are theoretical pre-shipment weight will be valid. The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.

Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
FW77607		kanat durdurucu kalınlık sash stopper thickness	50 pcs/pk	
LS55616		paslanmaz çelik ray profili stainless steel rail profile	6,5 m 10 pcs/pk	
FW77608		kanat ve kasa köşe bağlantı sash and frame corner connection	150 pcs/pk	
FW77609		köşe onbaşı corner cleat for sash	200 pcs/pk	
FW77610		pvc cam destek takoz pvc glazing support cleat	3,0 m 20 pcs/pk	
 Kasa-Kanat Köşe Takoz Profili frame-sash corner cleat profile LS55442 Weight : 2,345 kg/m LS55442-2 18mm				



Çift Kanat Üst Rulman
Double sash upper roller

FW77.701

siyah renk
(black)



Çift Kanat Alt Rulman
Double sash lower roller

FW77.702

siyah renk
(black)



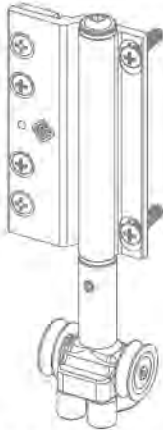
Tek Kanat Üst Rulman
Single sash upper roller

FW77.703

siyah renk
(black)



Farklı renk seçeneği belirtilmelidir.
By selecting different colors, it must be informed.



Tek Kanat Alt Rulman
Single sash lower roller

FW77.704

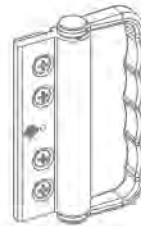
siyah renk
(black)



Yaprak Menteşe
Leaf hinge

FW77.705

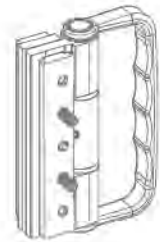
siyah renk
(black)



**İçe Katlanır için
Çekme Menteşe**
For fold in pulling hinge

FW77.706

siyah renk
(black)



**Dışa Katlanır için
Çekme Menteşe**
For fold out pulling hinge

FW77.707

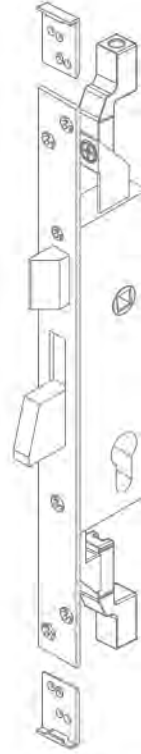
siyah renk
(black)



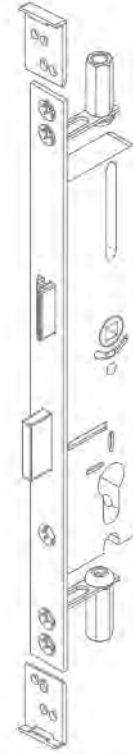
iki yönlü mekanizma
Two way mechanism
FW77.708



iki yönlü kilitli mekanizma
Two way locking mechanism
FW77.709



iki yönlü kilitli mekanizma
Two way locking mechanism
FW77.710



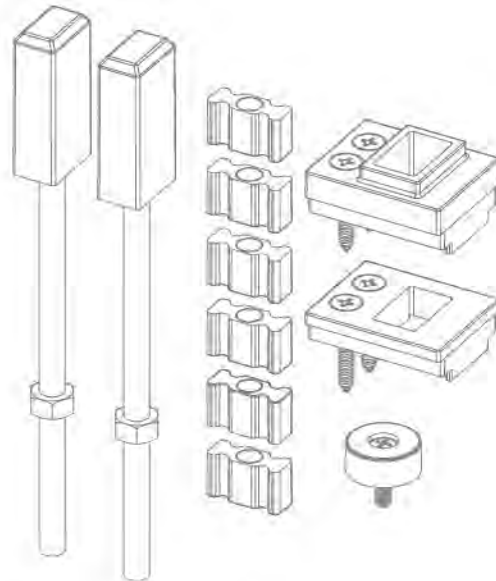
iki yönlü kilitli mekanizma
Two way locking mechanism
FW77.720



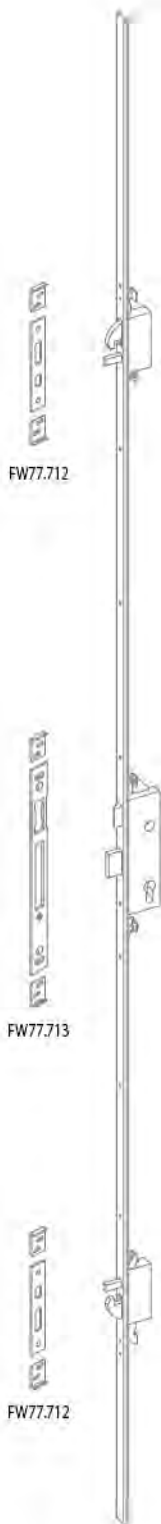
Kilit karşılığı
Counterplate for lock
FW77.712



Kilit karşılığı
Counterplate for lock
FW77.713



Dişli çubuk L=2 mt, çubuk uçları ve bar için kılavuz
Threaded rod L=2mt, rod ends and guide for the bar
FW77.714



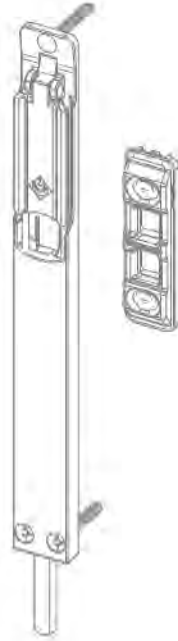
FW77.712

FW77.713

FW77.712

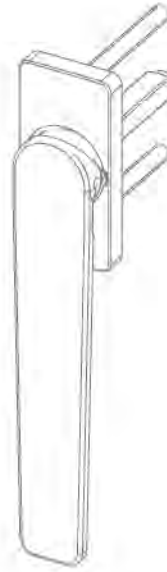
Çok noktalı kilit
Multipoint lock

FW77.711



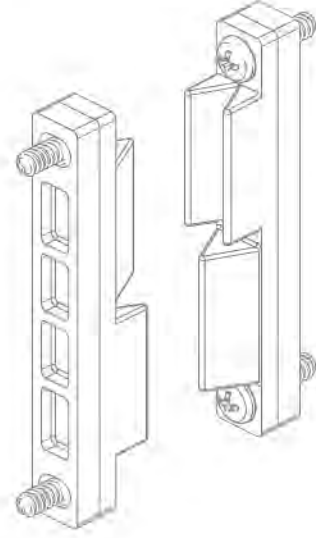
FW77.715

220x8 mm Mandallı sürgü
Lever latch 220x8mm with striker



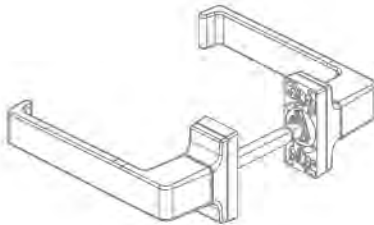
FW77.716

Kapı Kolu
Door handle
siyah renk
(black)



FW77.718

Ek üçüncü kilitleme noktası
Additional third locking point

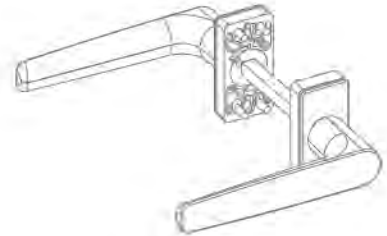


FW77.717

Çift taraflı kapı kolu
Double side door handle
siyah renk
(black)



Farklı renk seçeneği belirtilmelidir.
By selecting different colors, it must be informed.



FW77.721

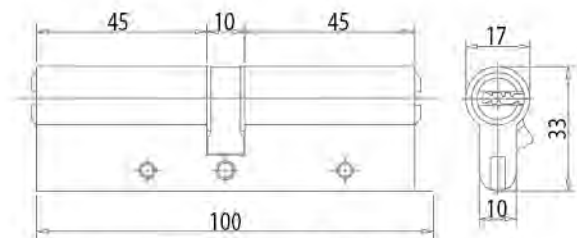
Çift taraflı kapı kolu
Double side door handle
siyah renk
(black)



Barel kapağı
Cylinder cover

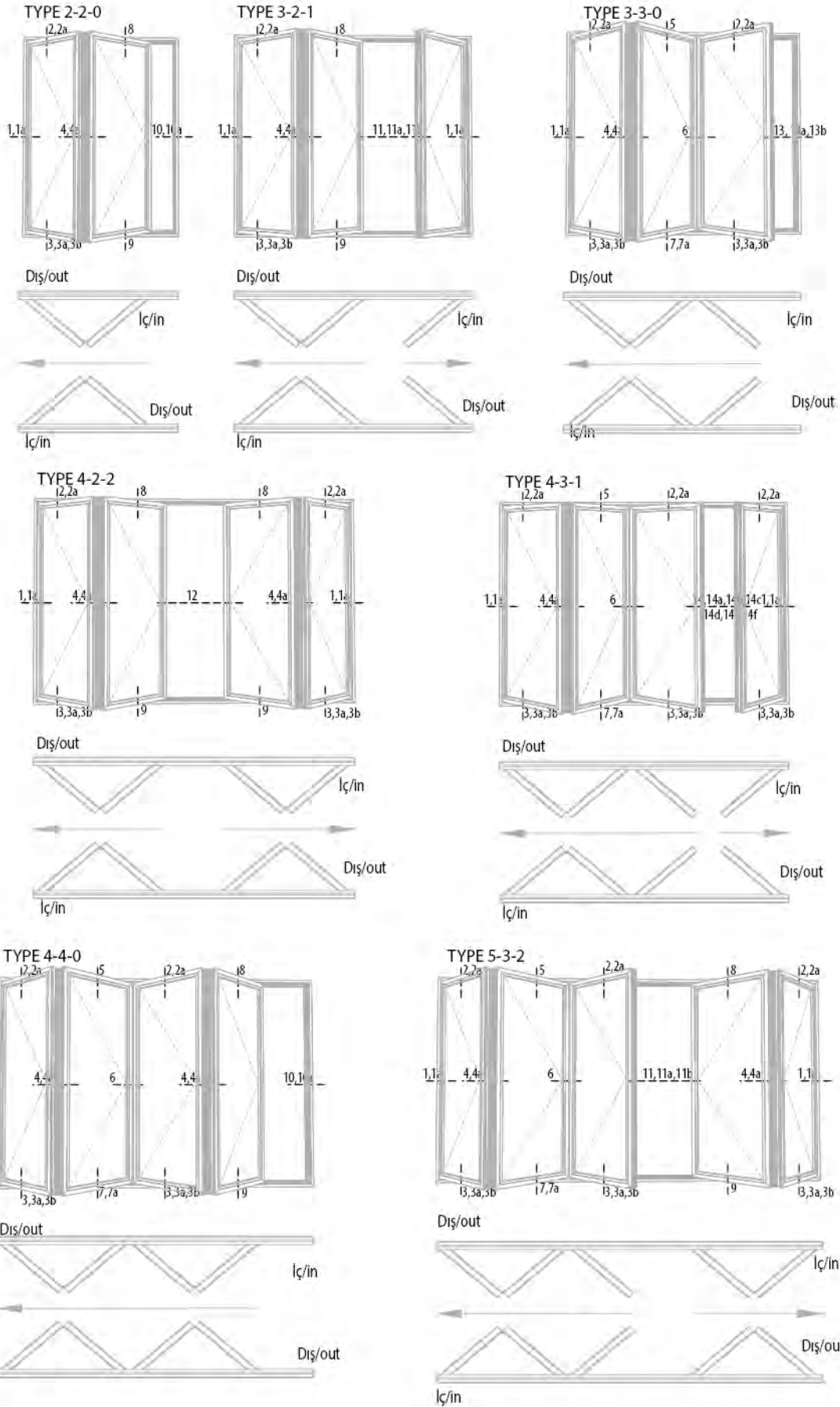
FW77.719

siyah renk
(black)

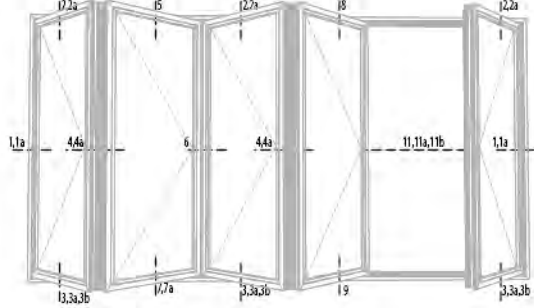


FW77.784

Barel
Cylinder



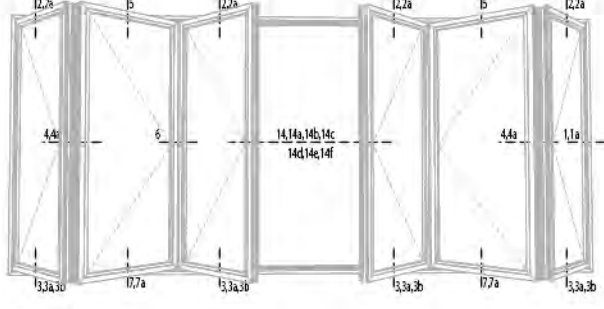
TYPE 5-4-1



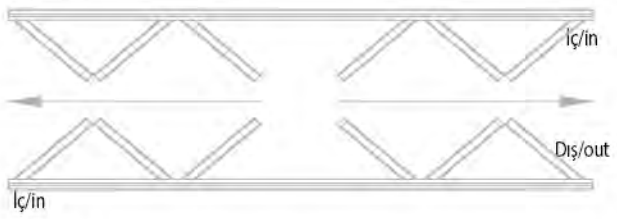
Dış/out



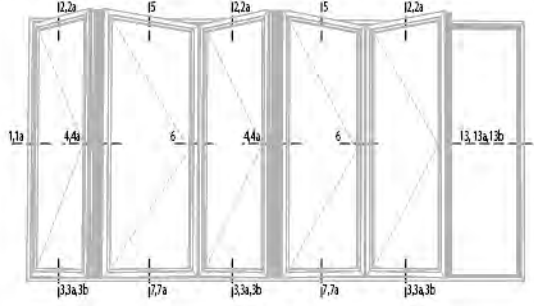
TYPE 6-3-3



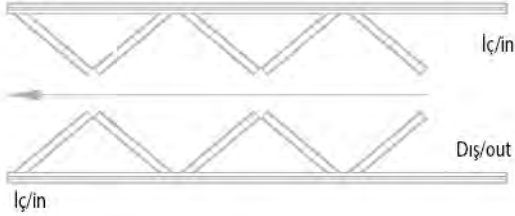
Dış/out



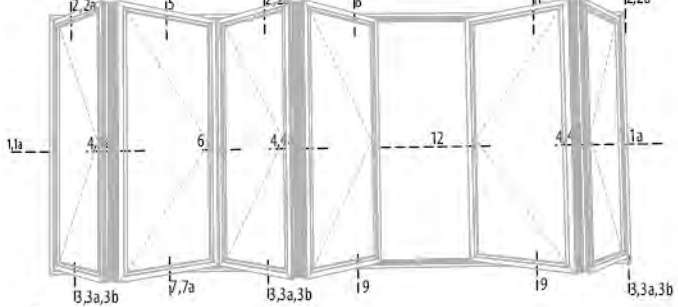
TYPE 5-5-0



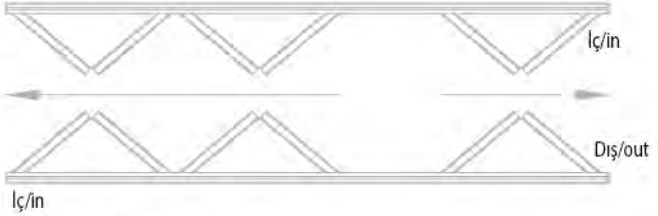
Dış/out



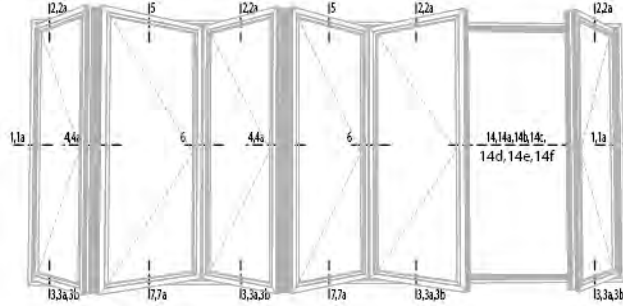
TYPE 6-4-2



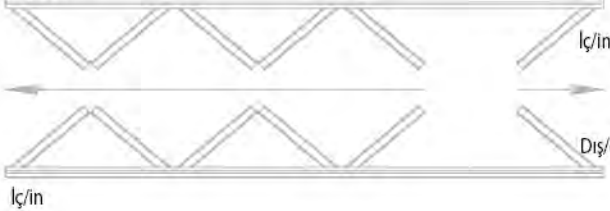
Dış/out



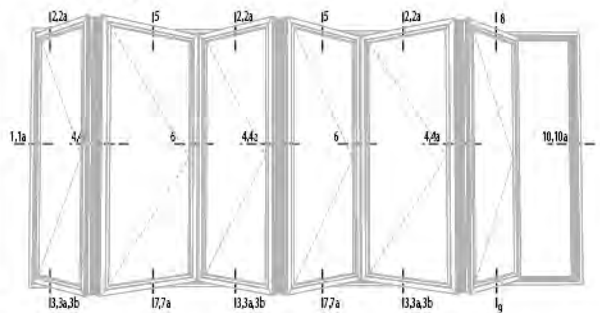
TYPE 6-5-1



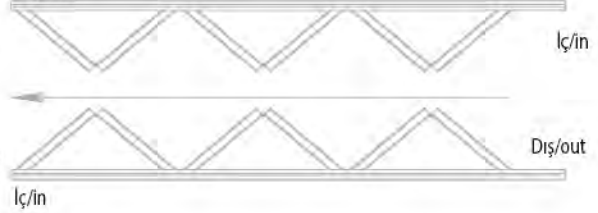
Dış/out



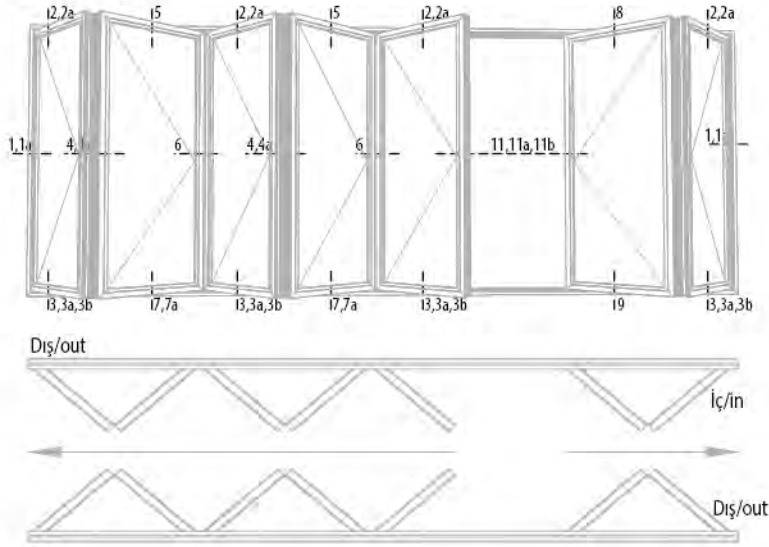
TYPE 6-6-0



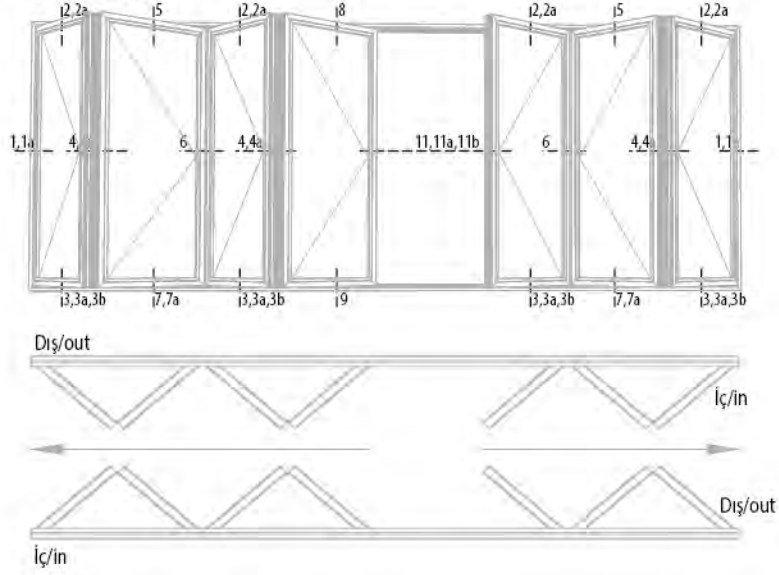
Dış/out



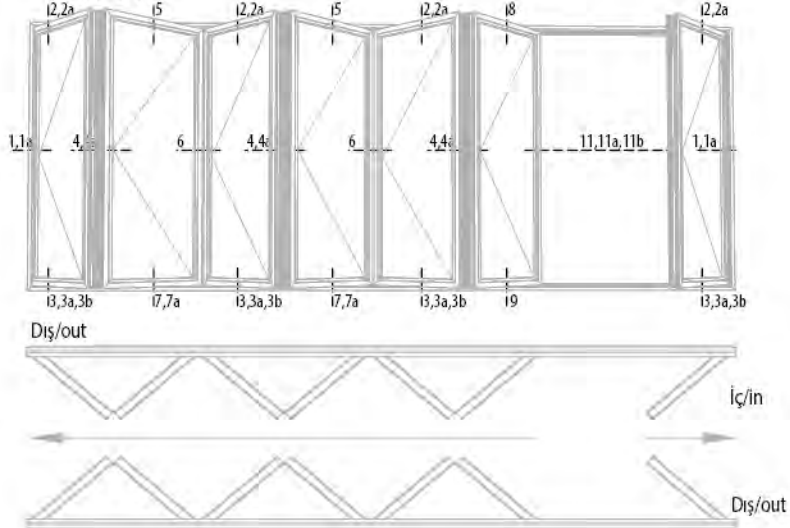
TYPE 7-5-2

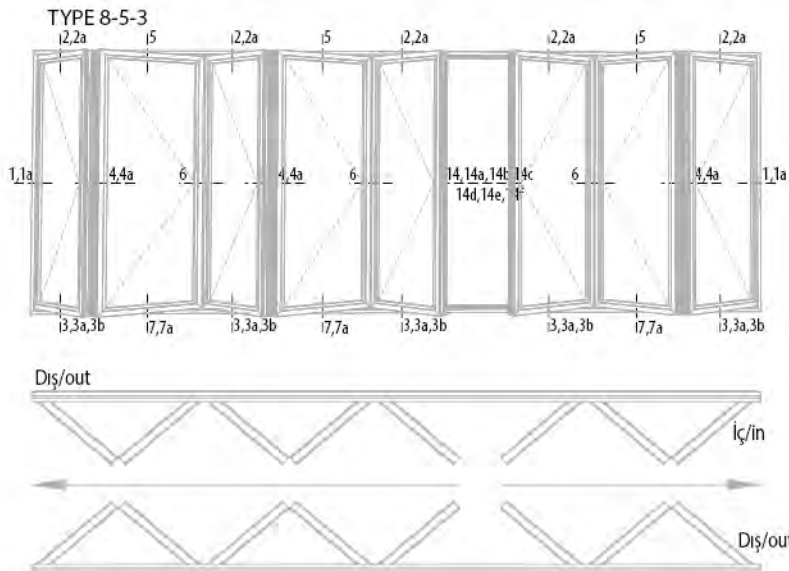
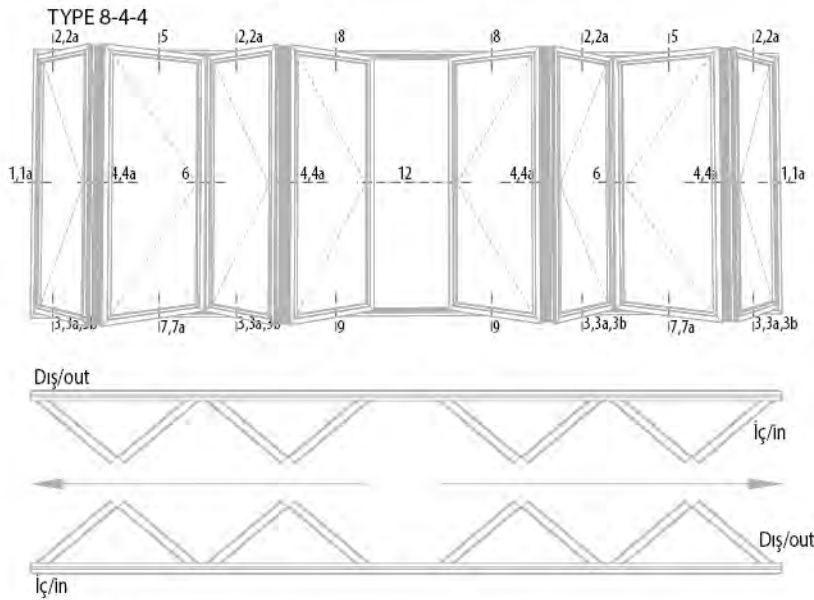
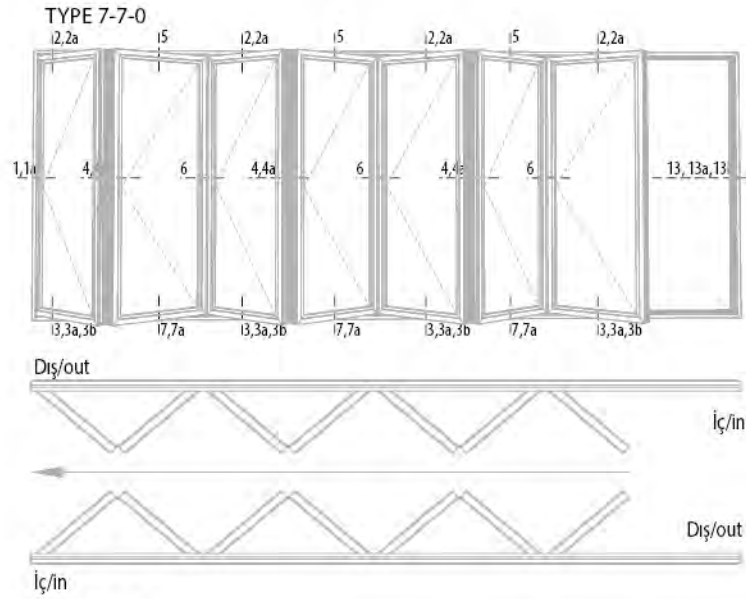


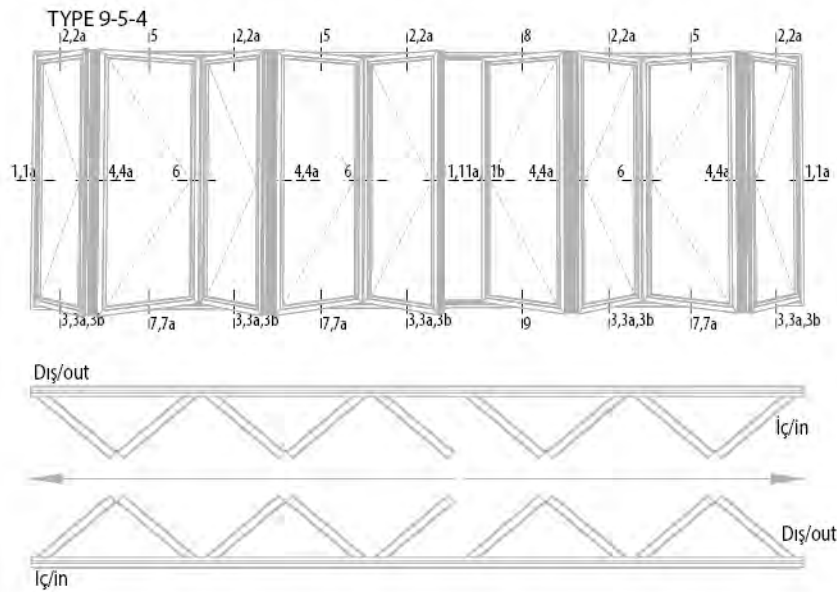
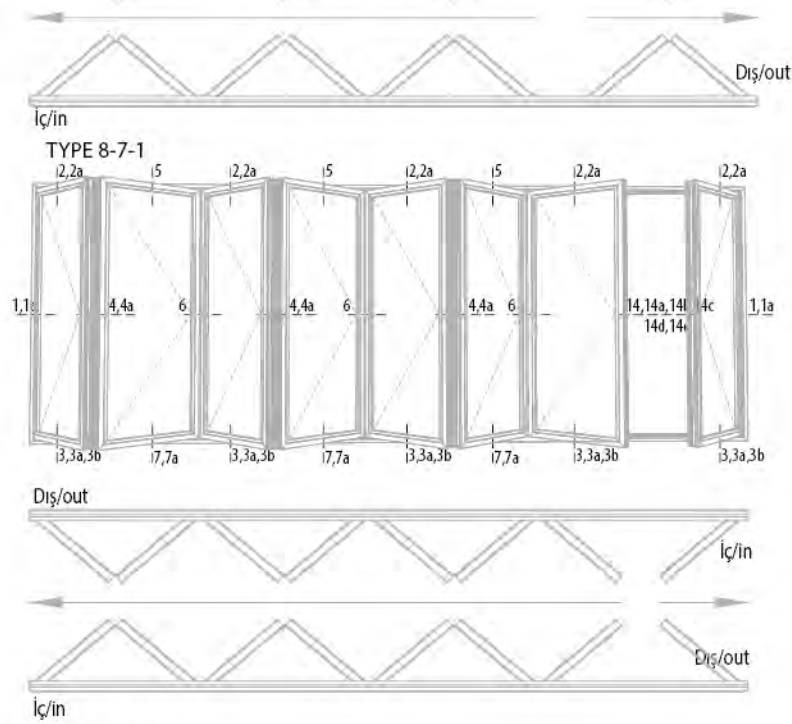
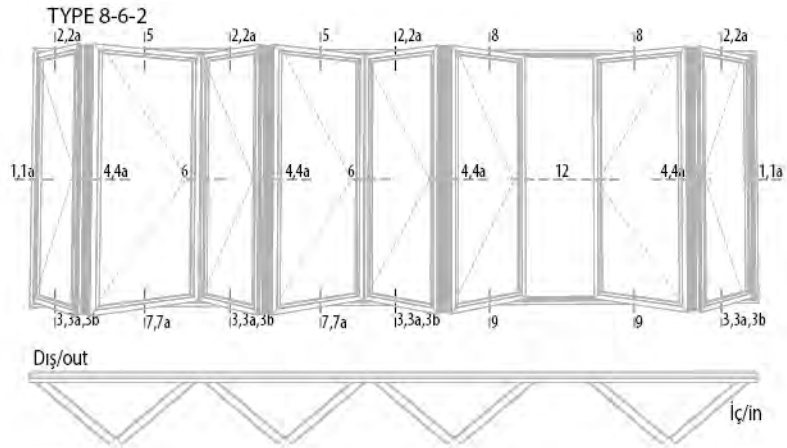
TYPE 7-4-3



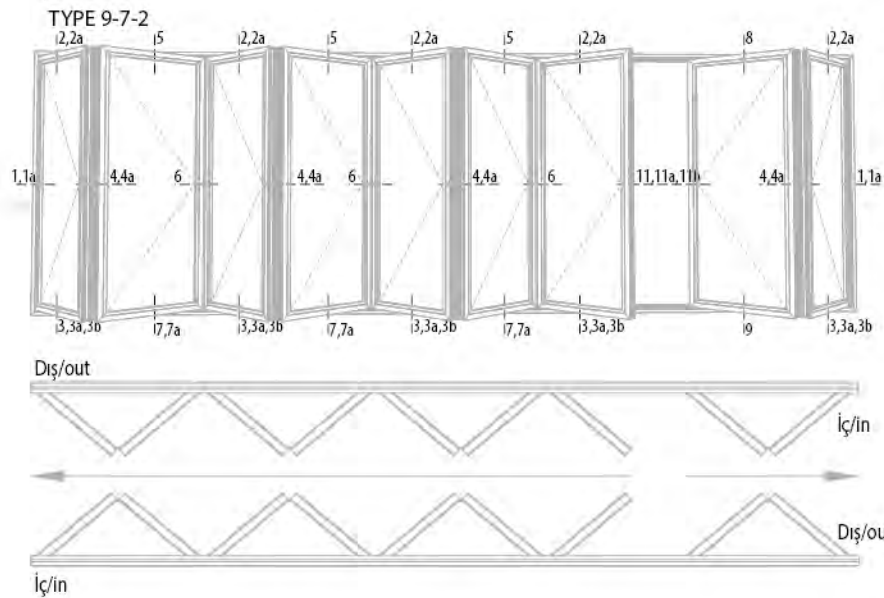
TYPE 7-6-1

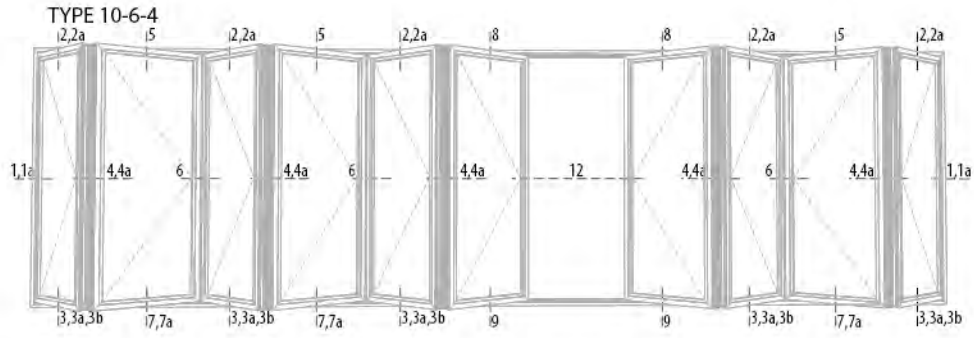






ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES





Dış/out

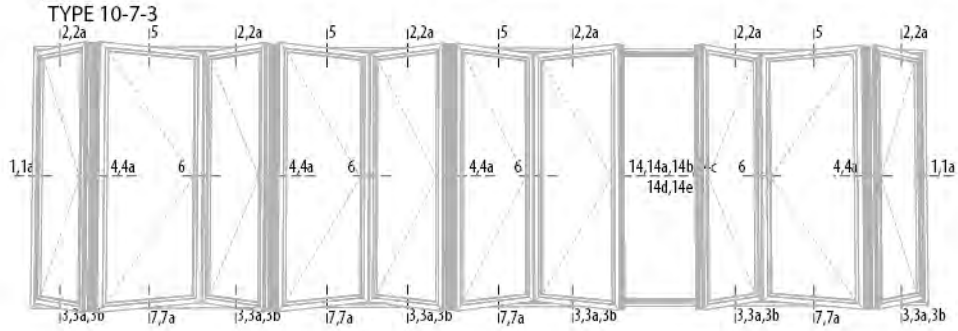


İç/in



Dış/out

İç/in



Dış/out

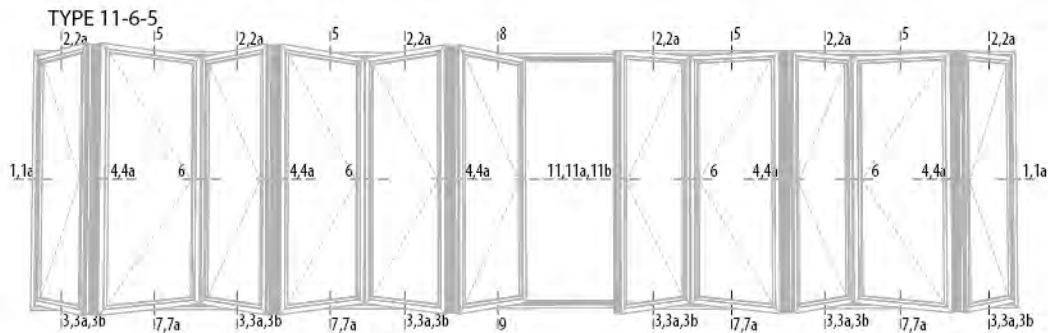


İç/in



Dış/out

İç/in



Dış/out

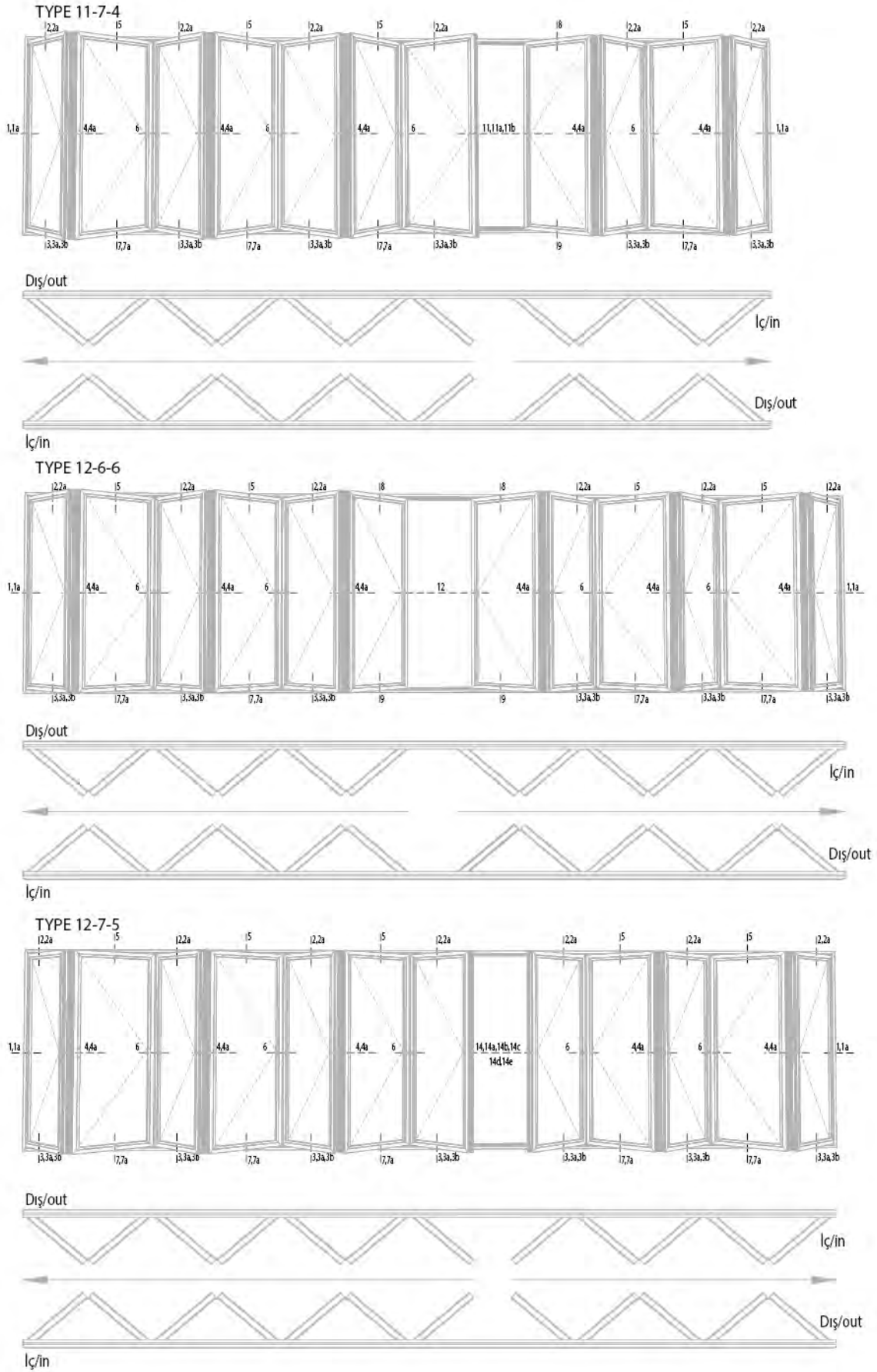


İç/in

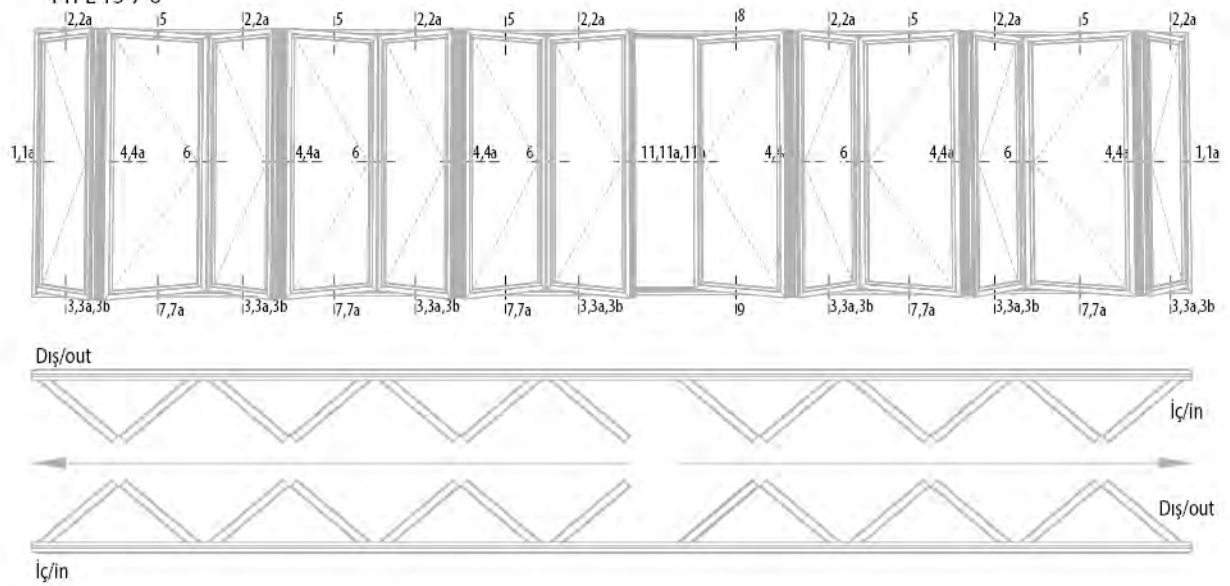


Dış/out

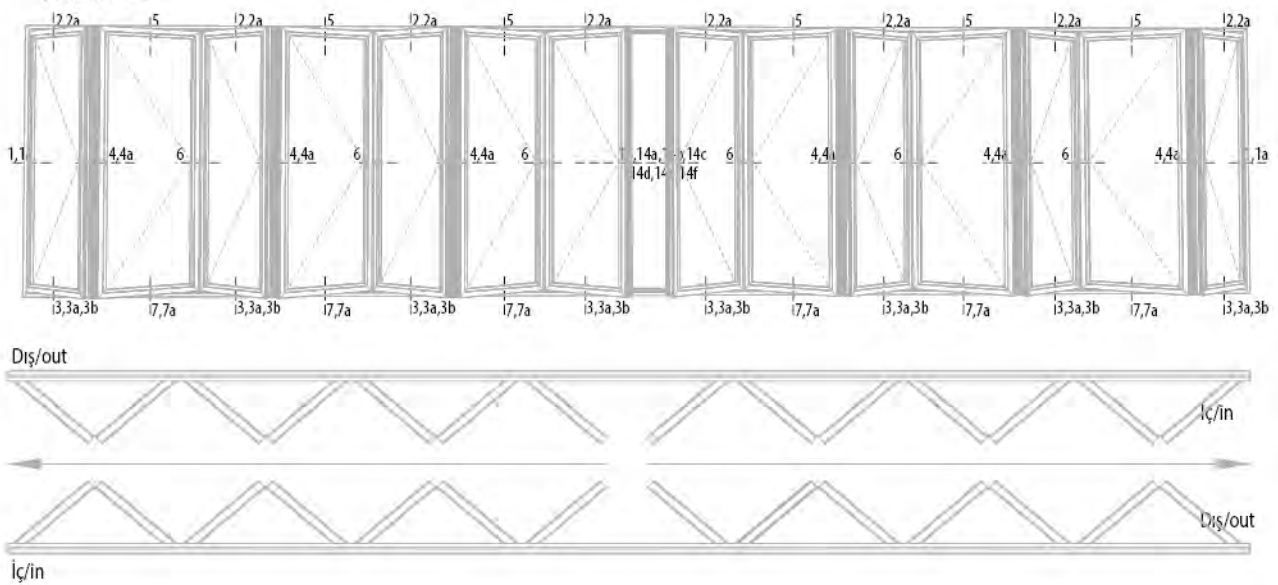
İç/in

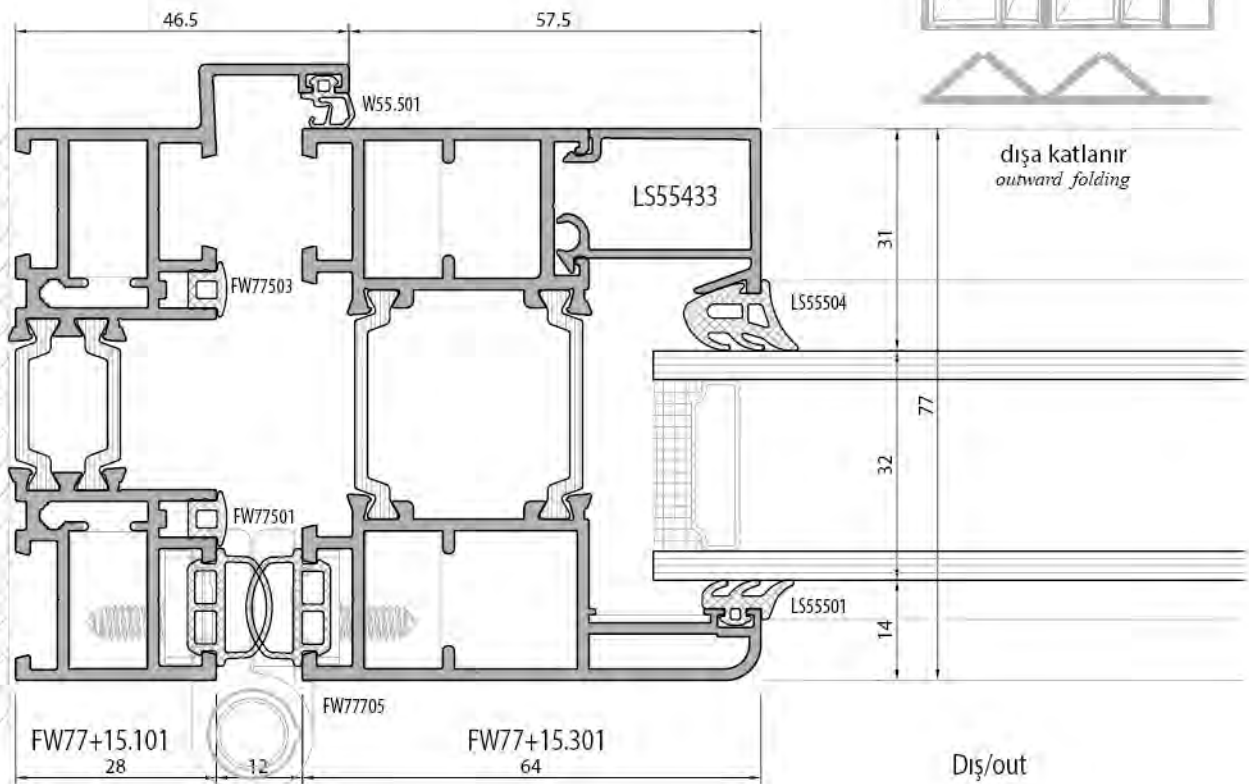
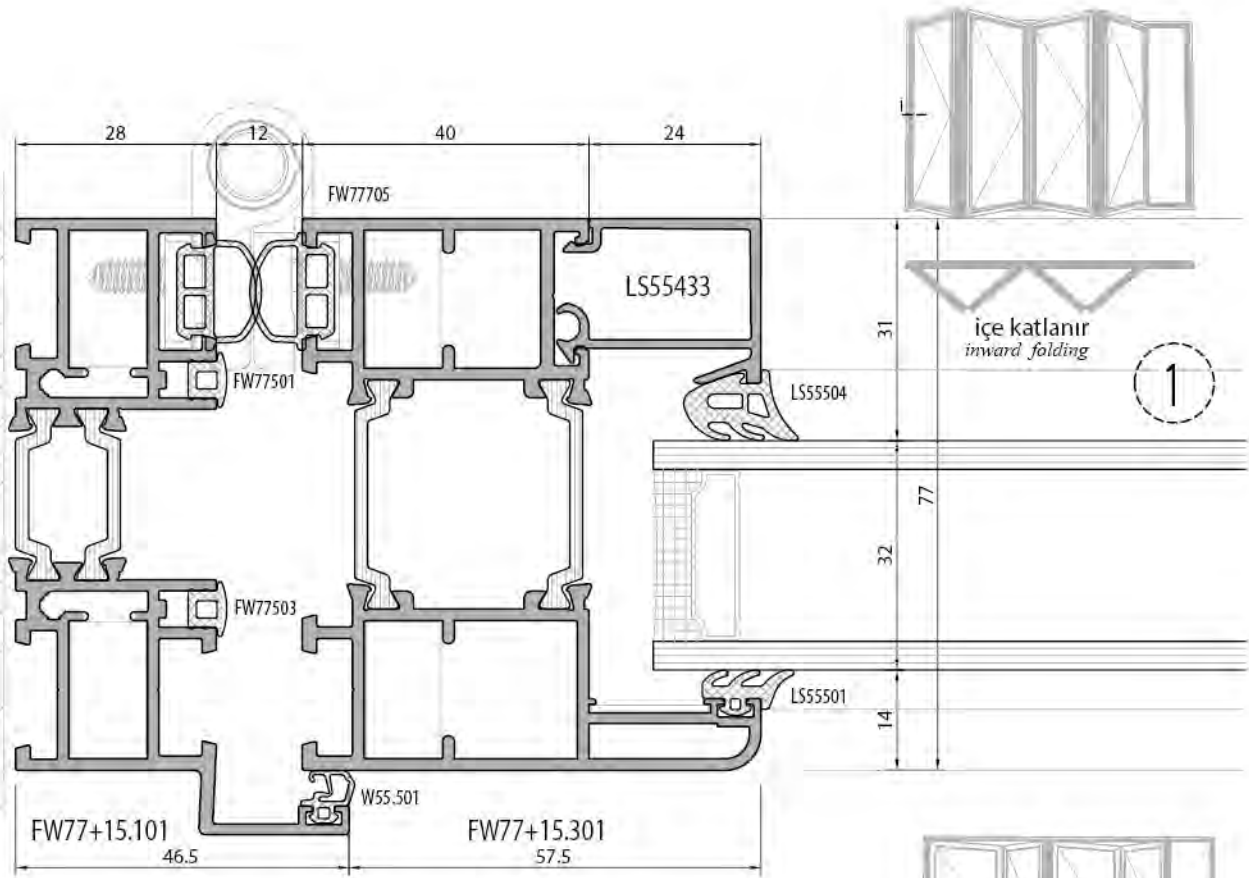


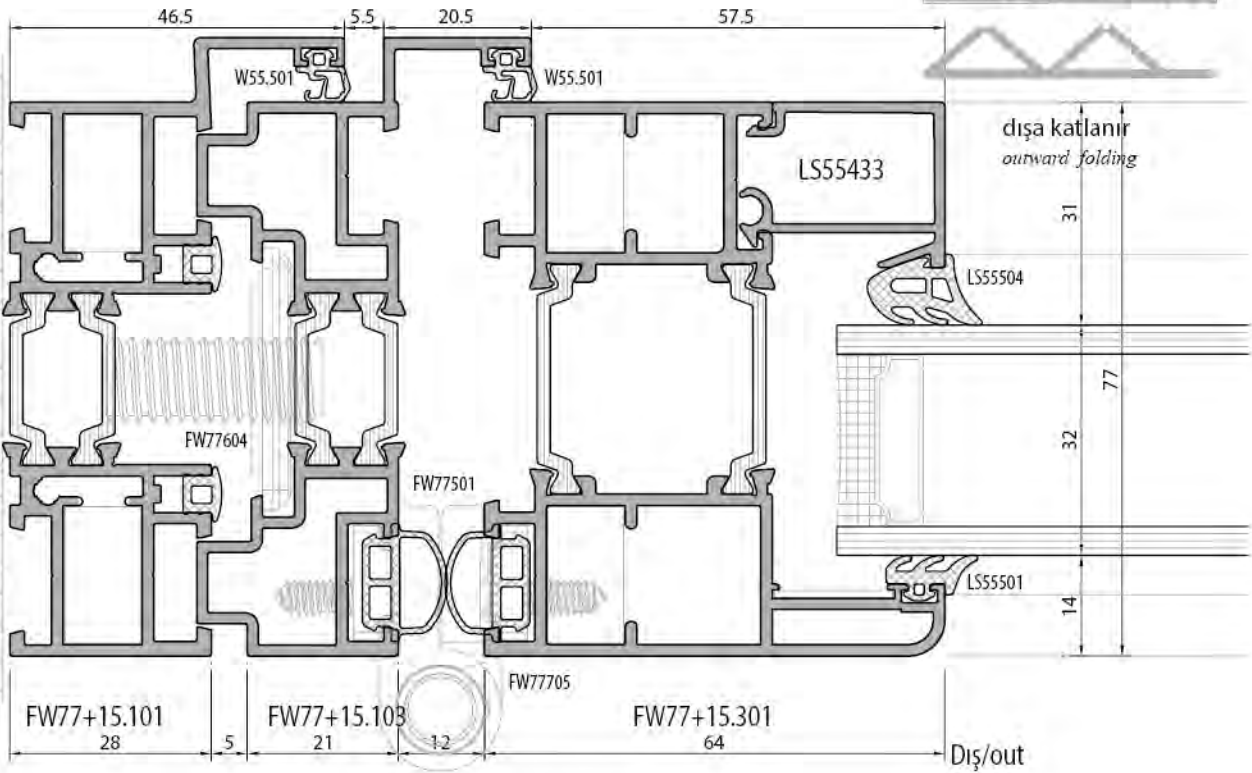
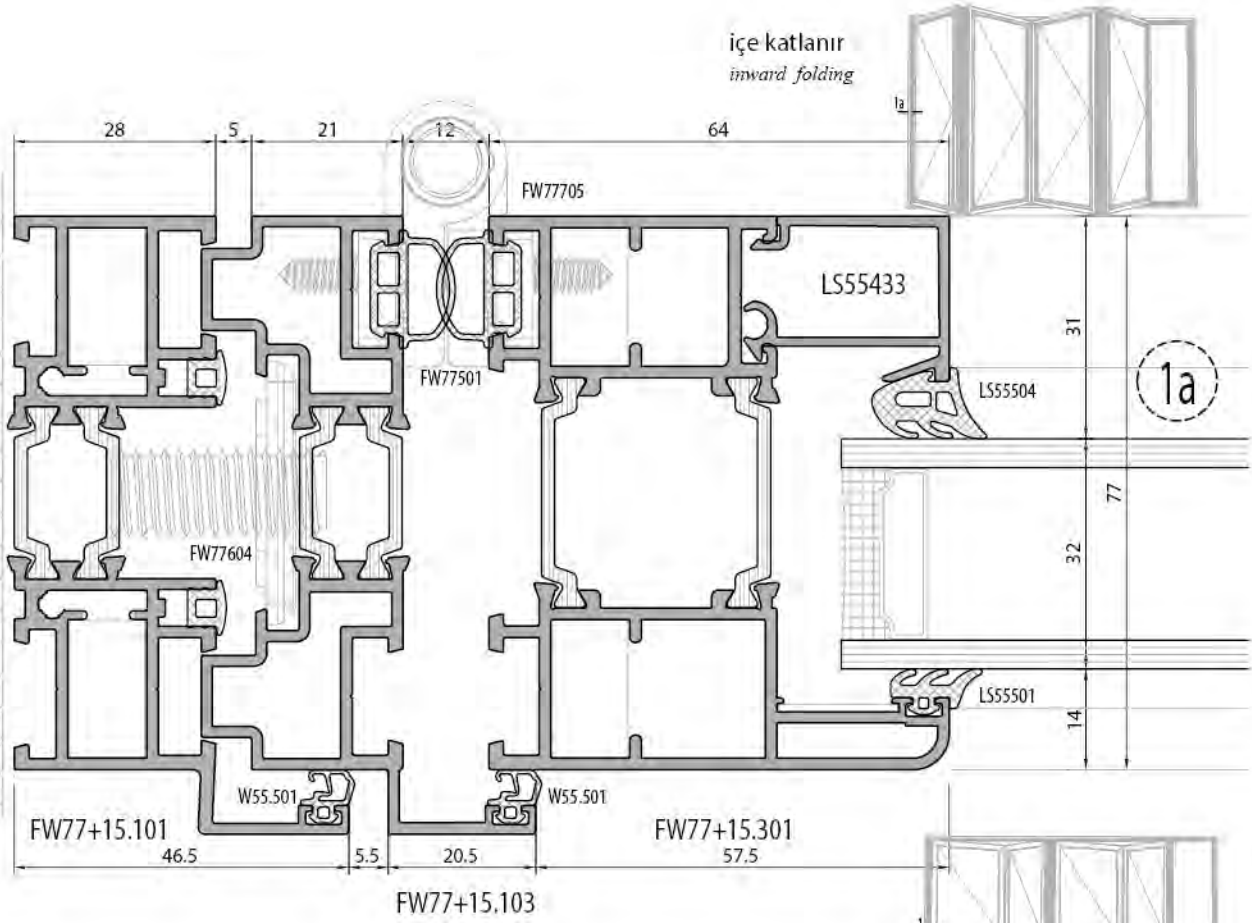
TYPE 13-7-6

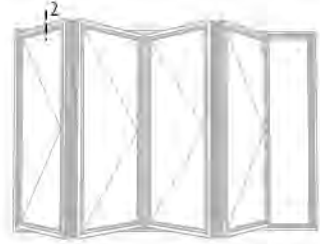
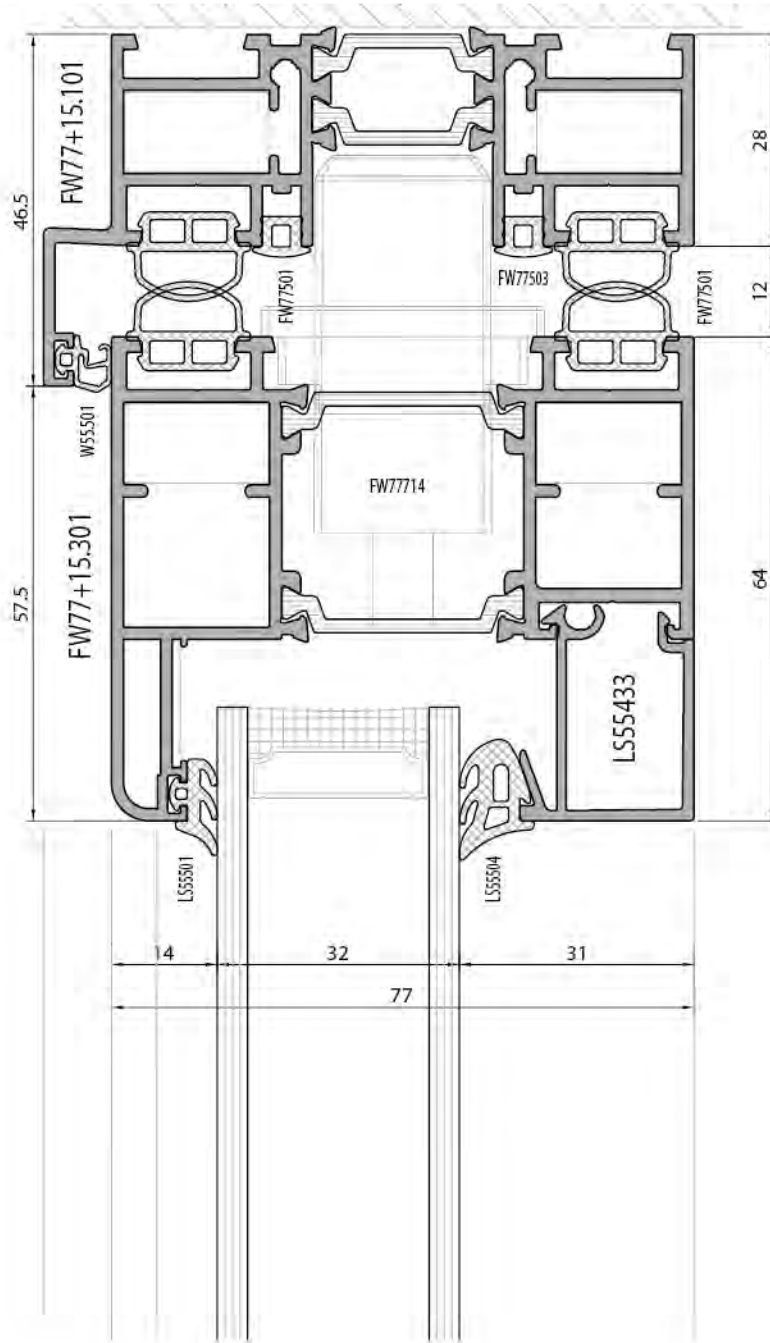


TYPE 14-7-7



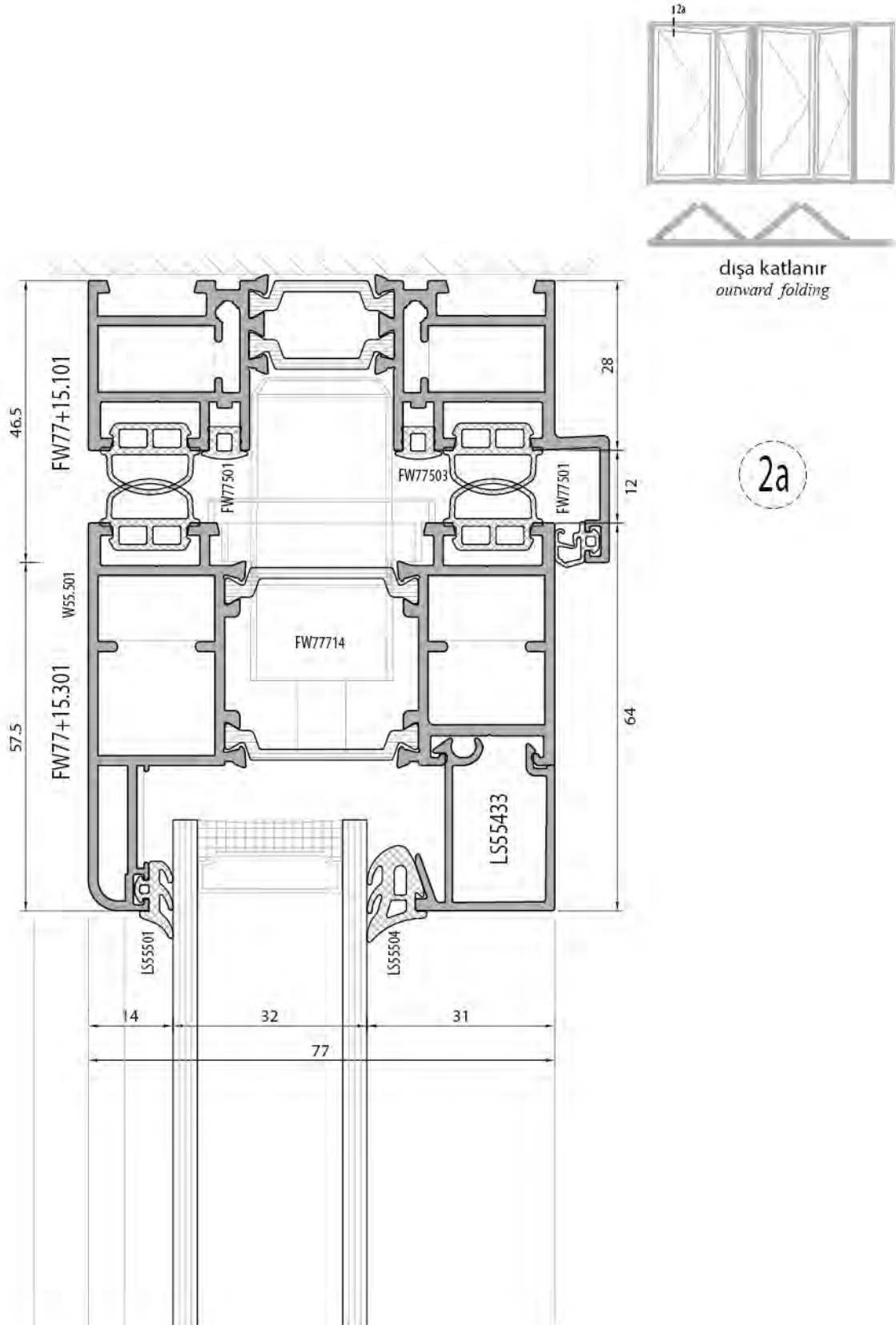


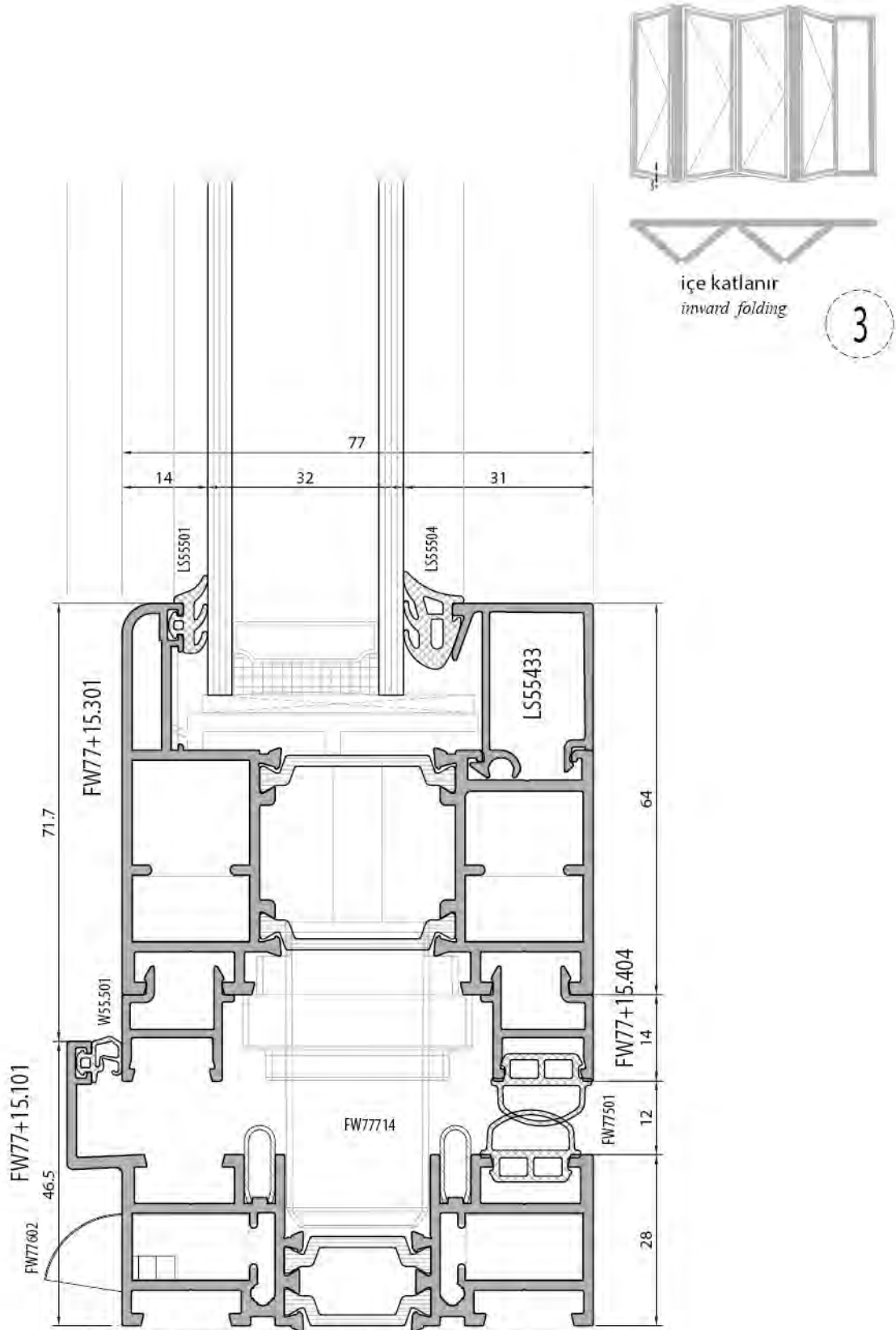


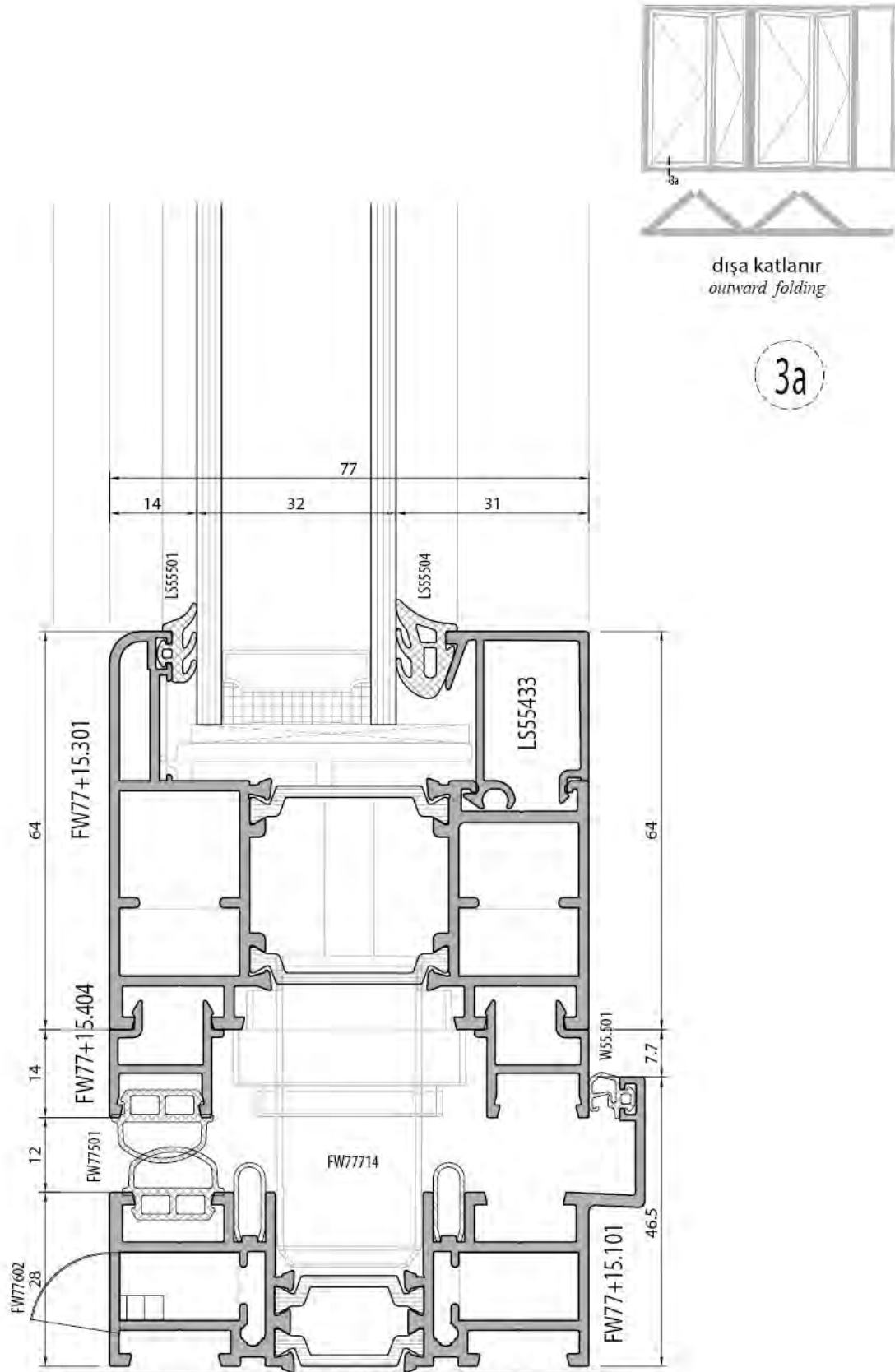


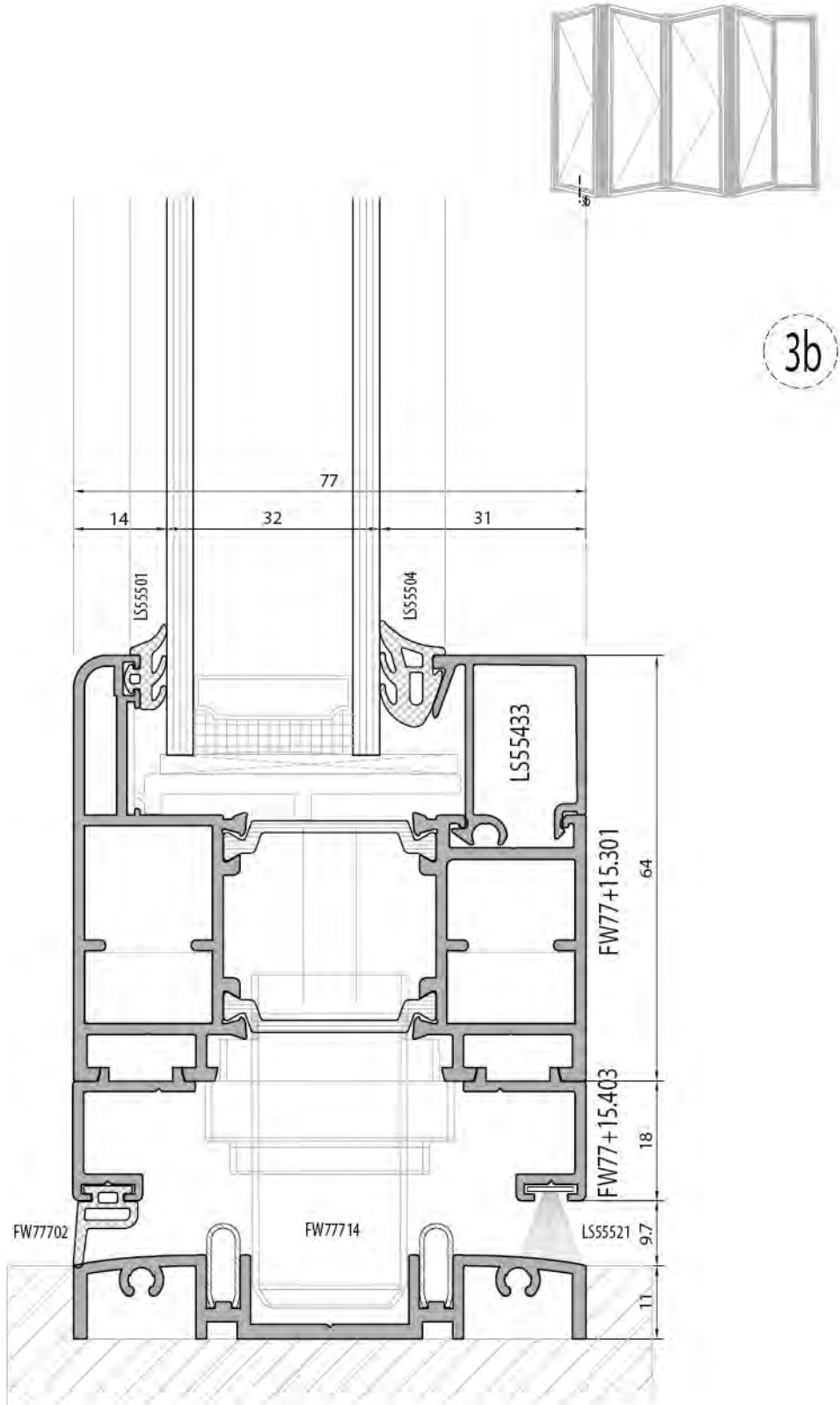
içe katlanır
inward folding

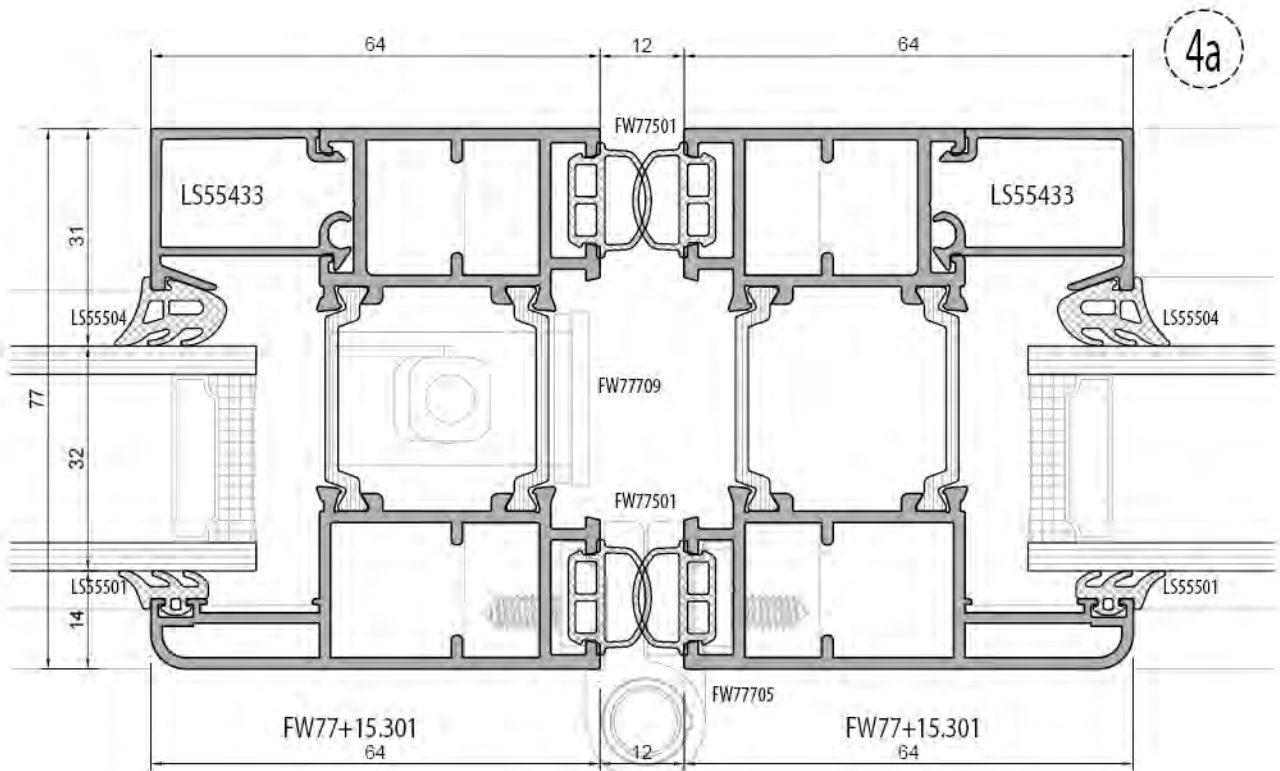
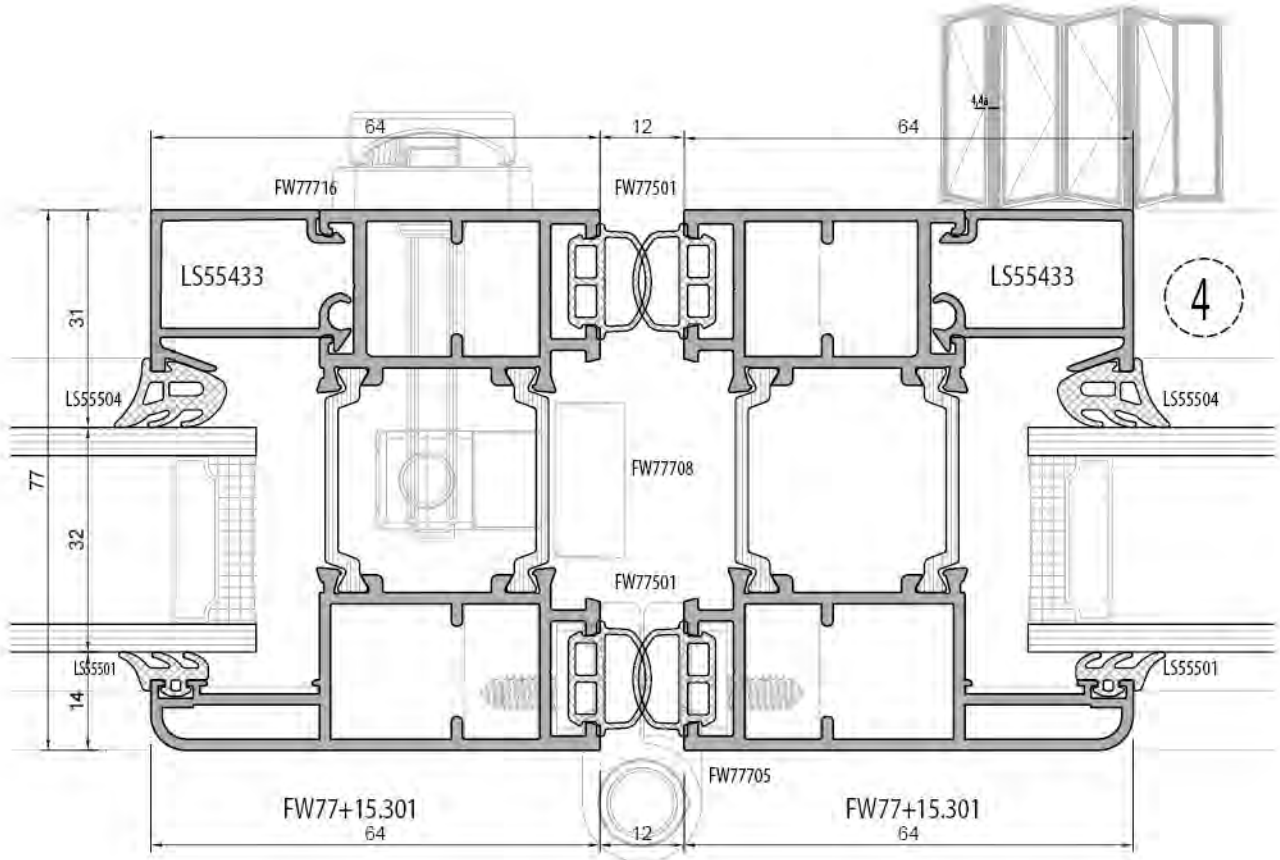
2

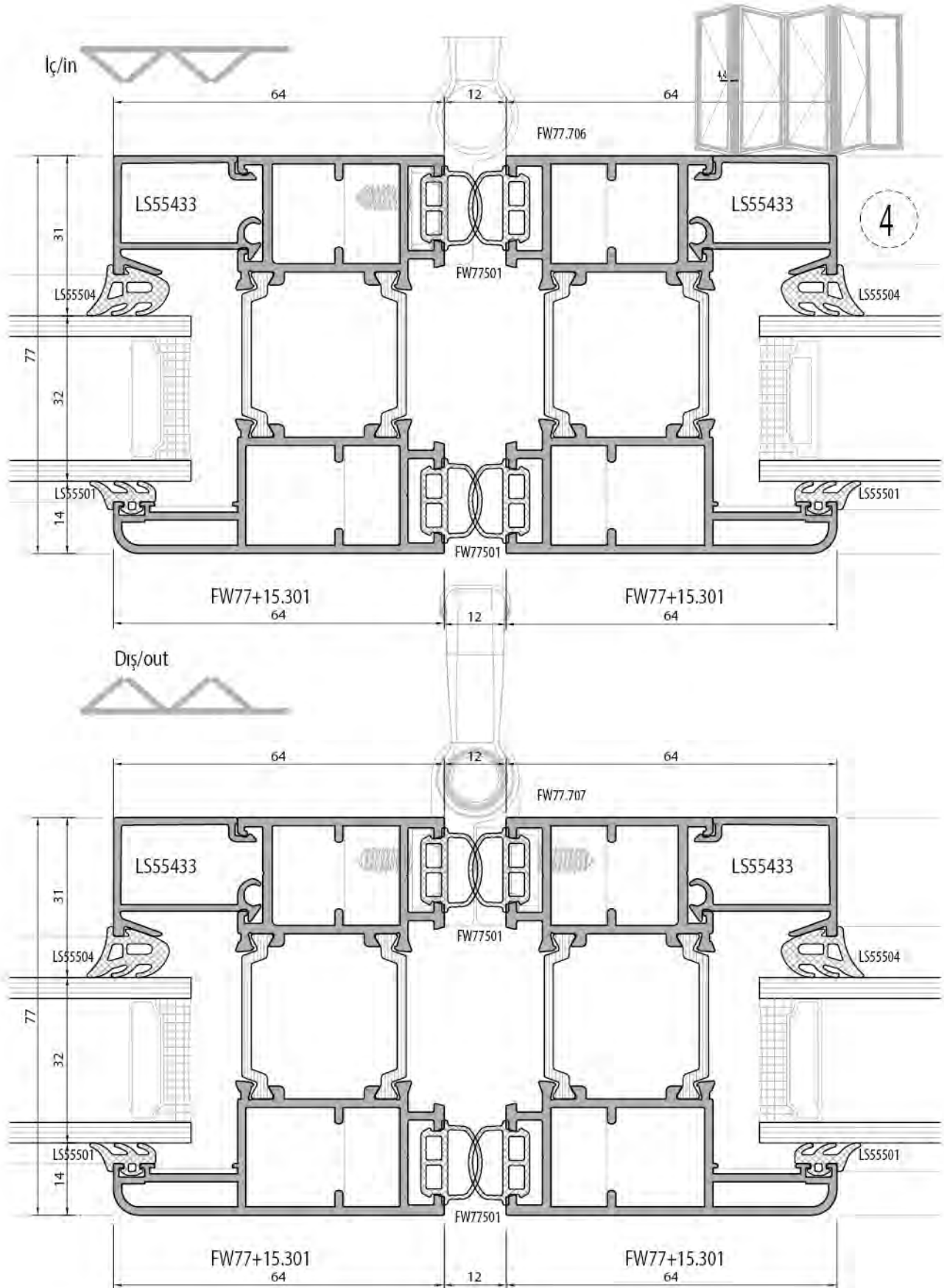


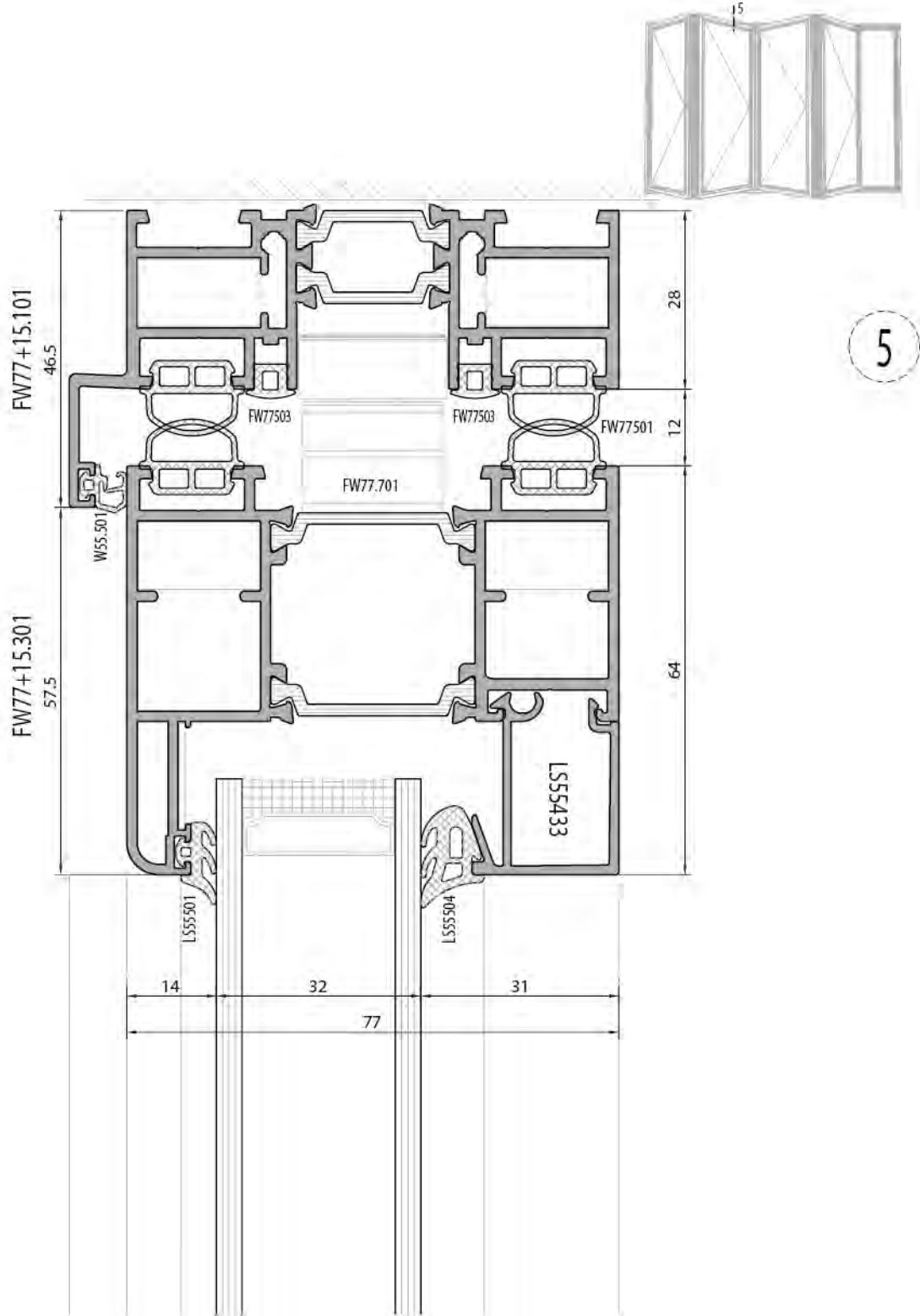




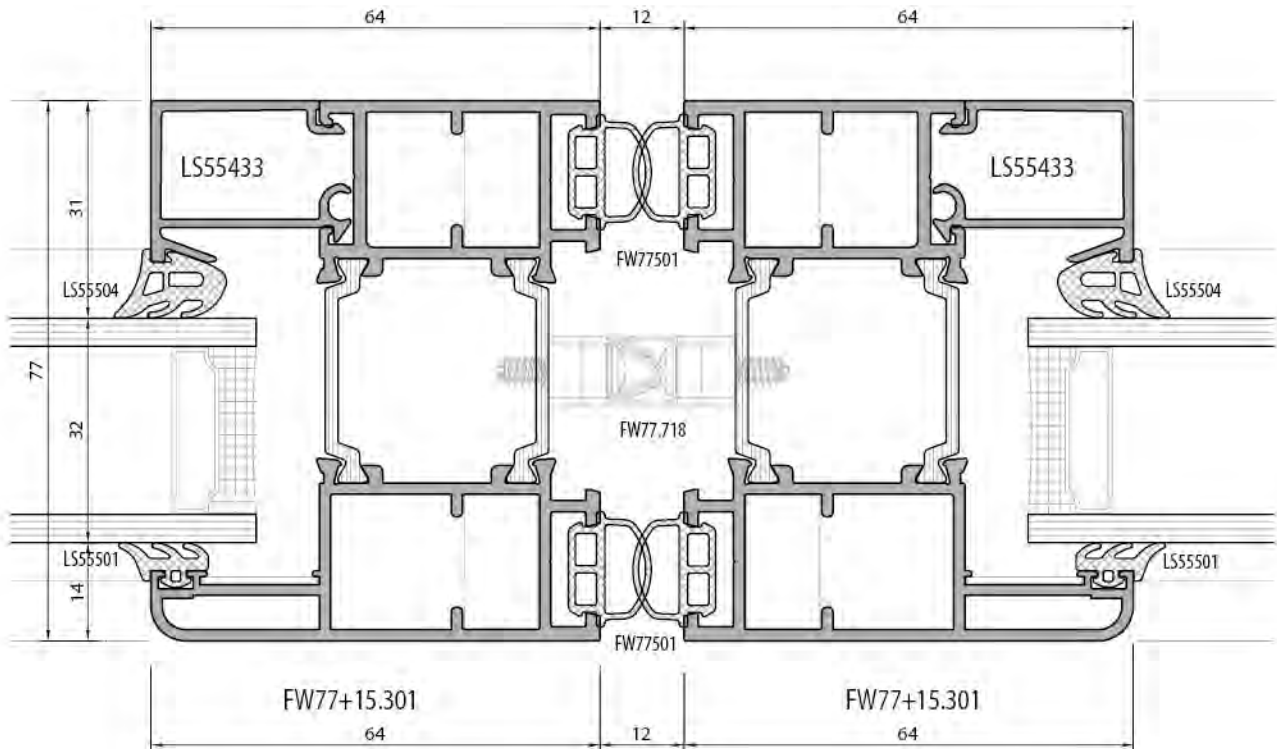
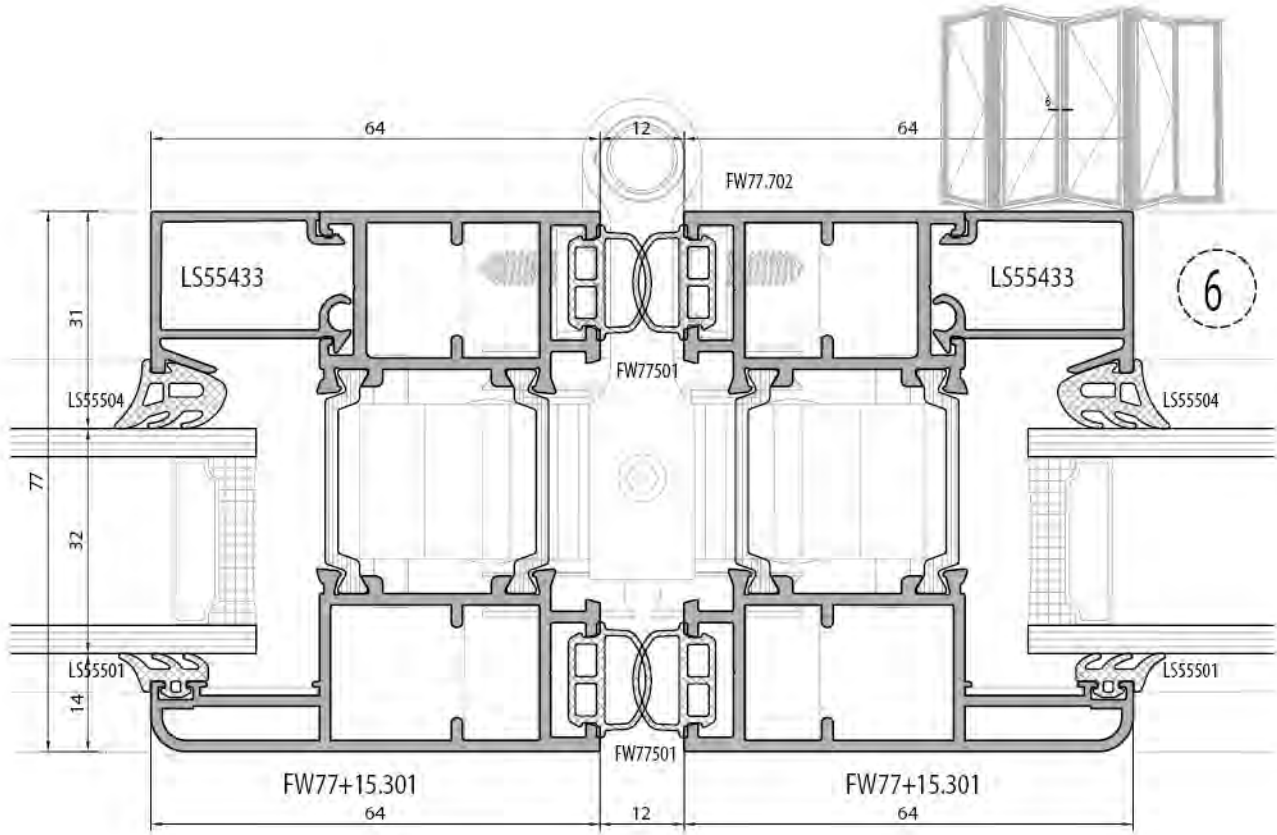


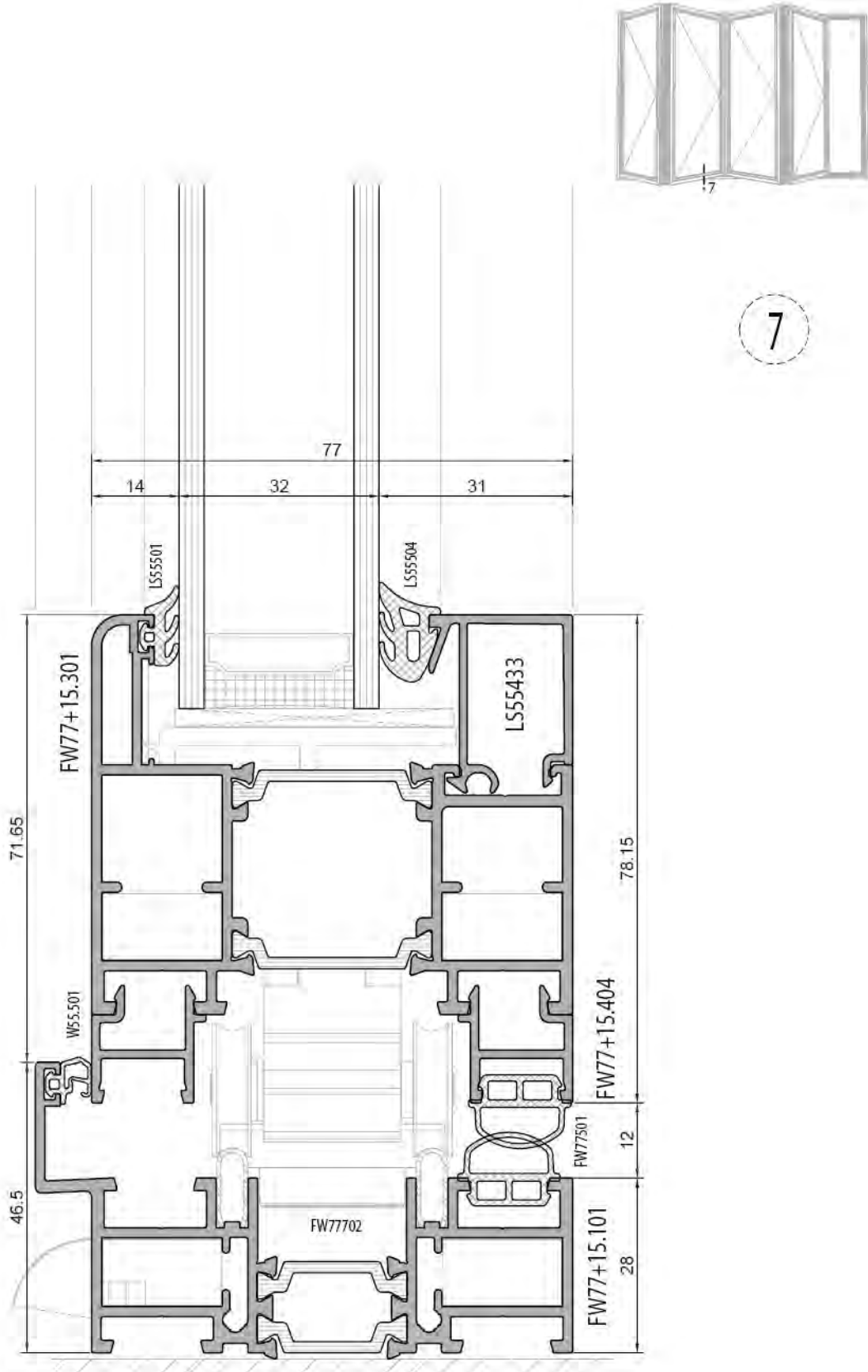


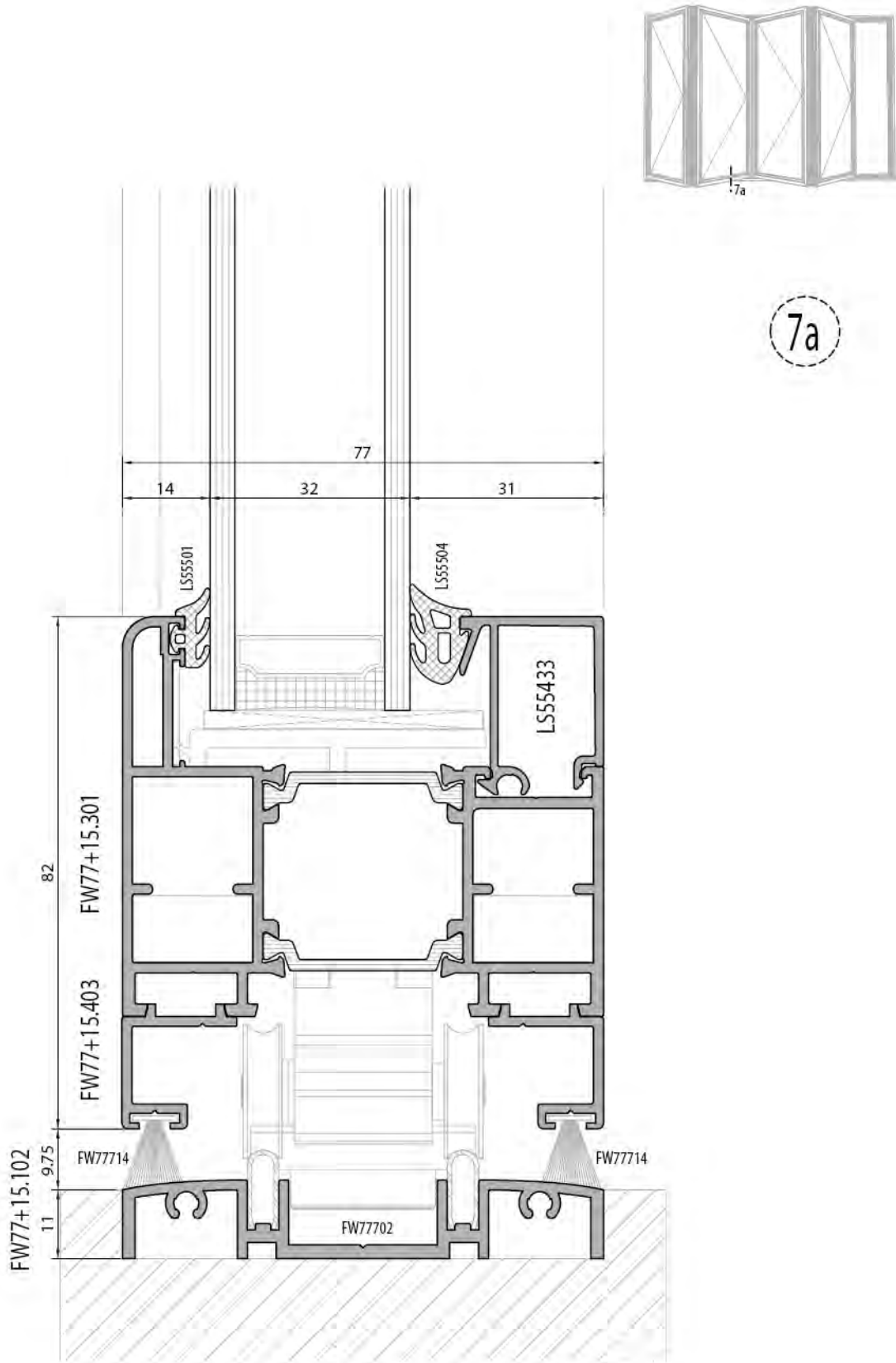


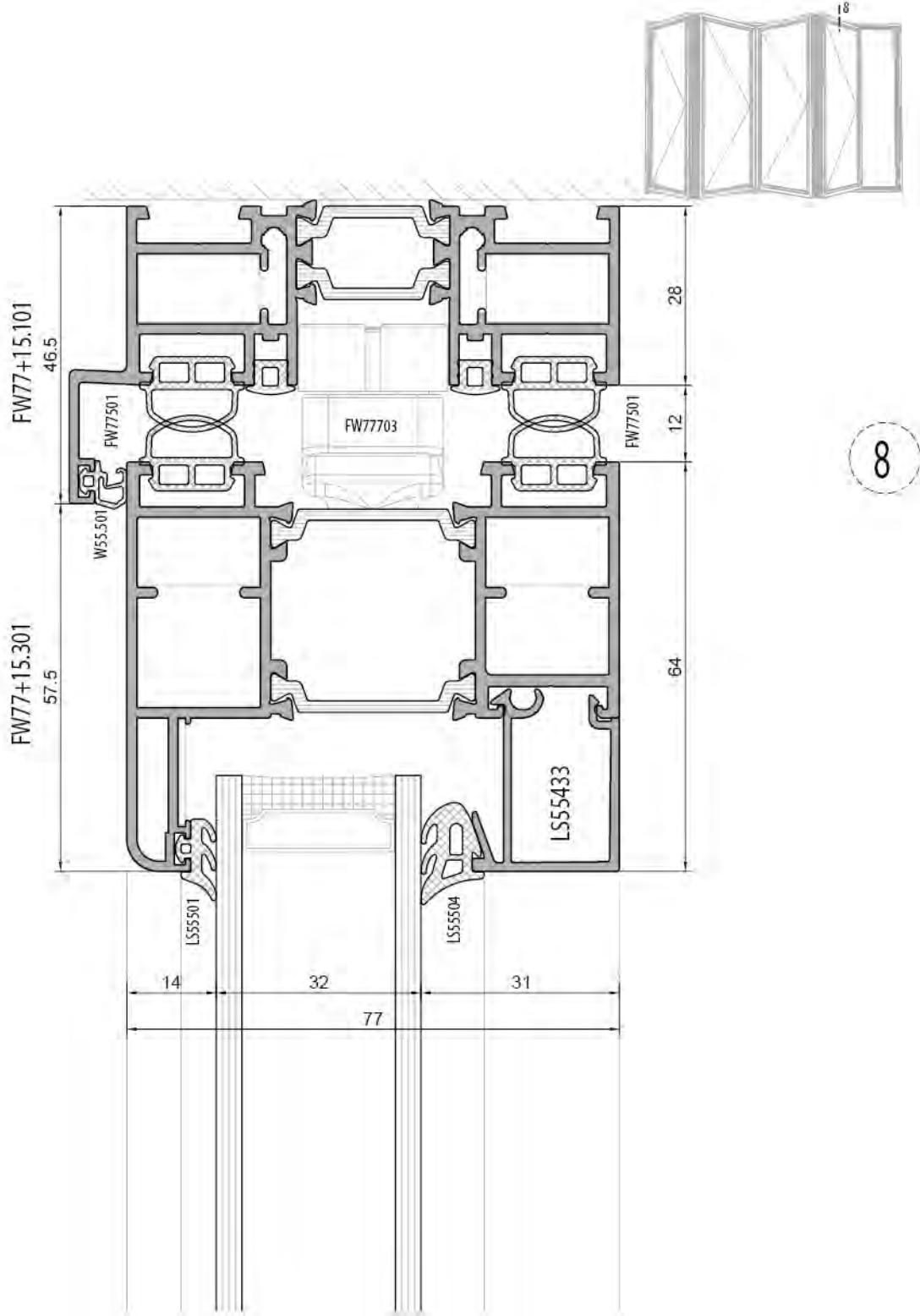


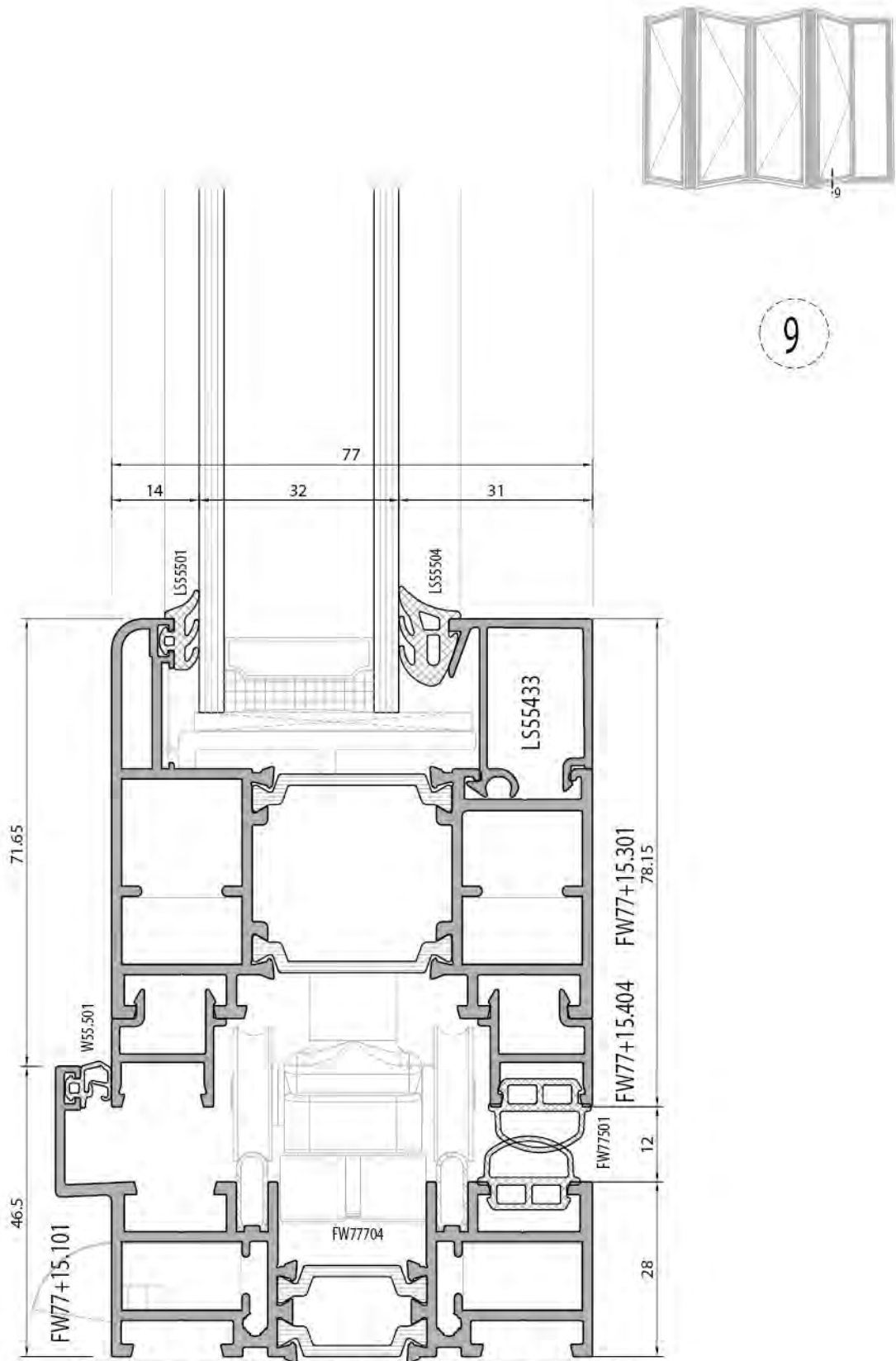
5

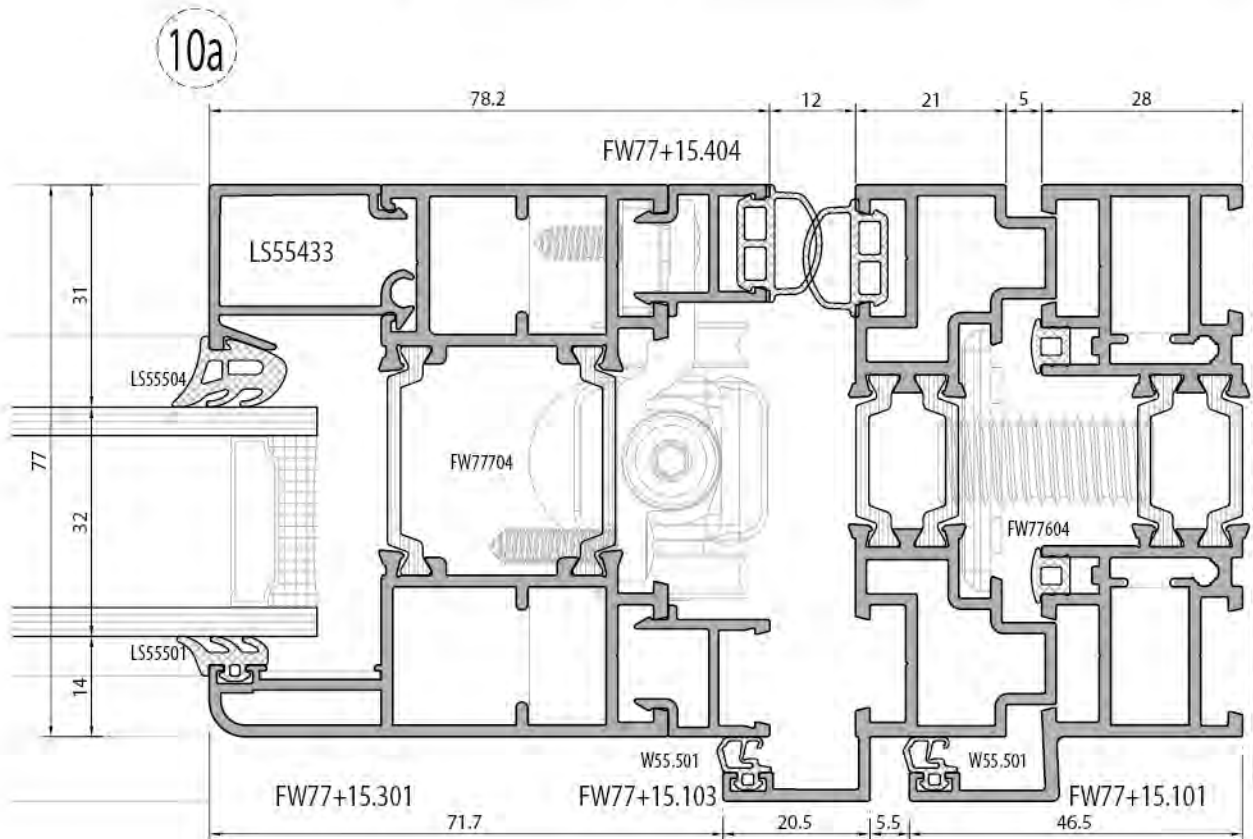
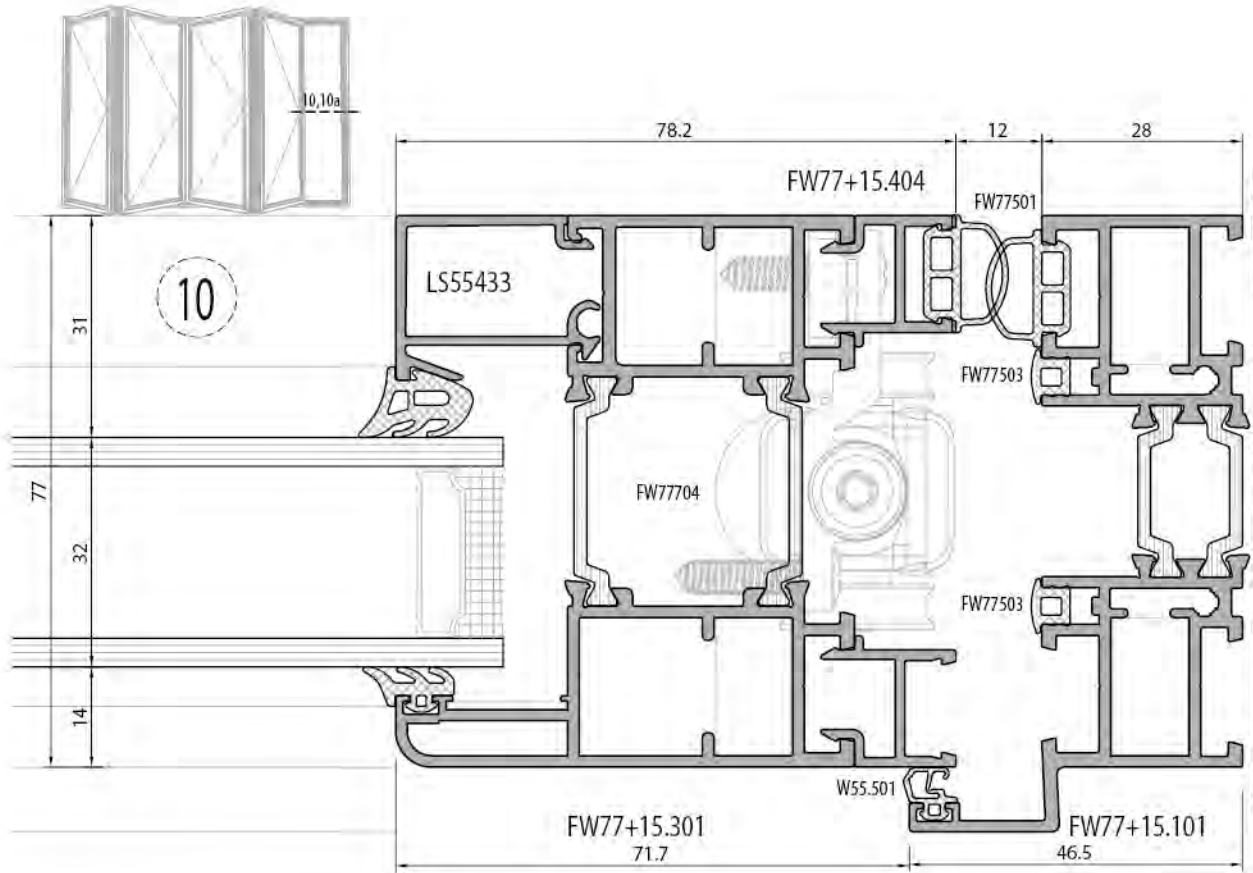






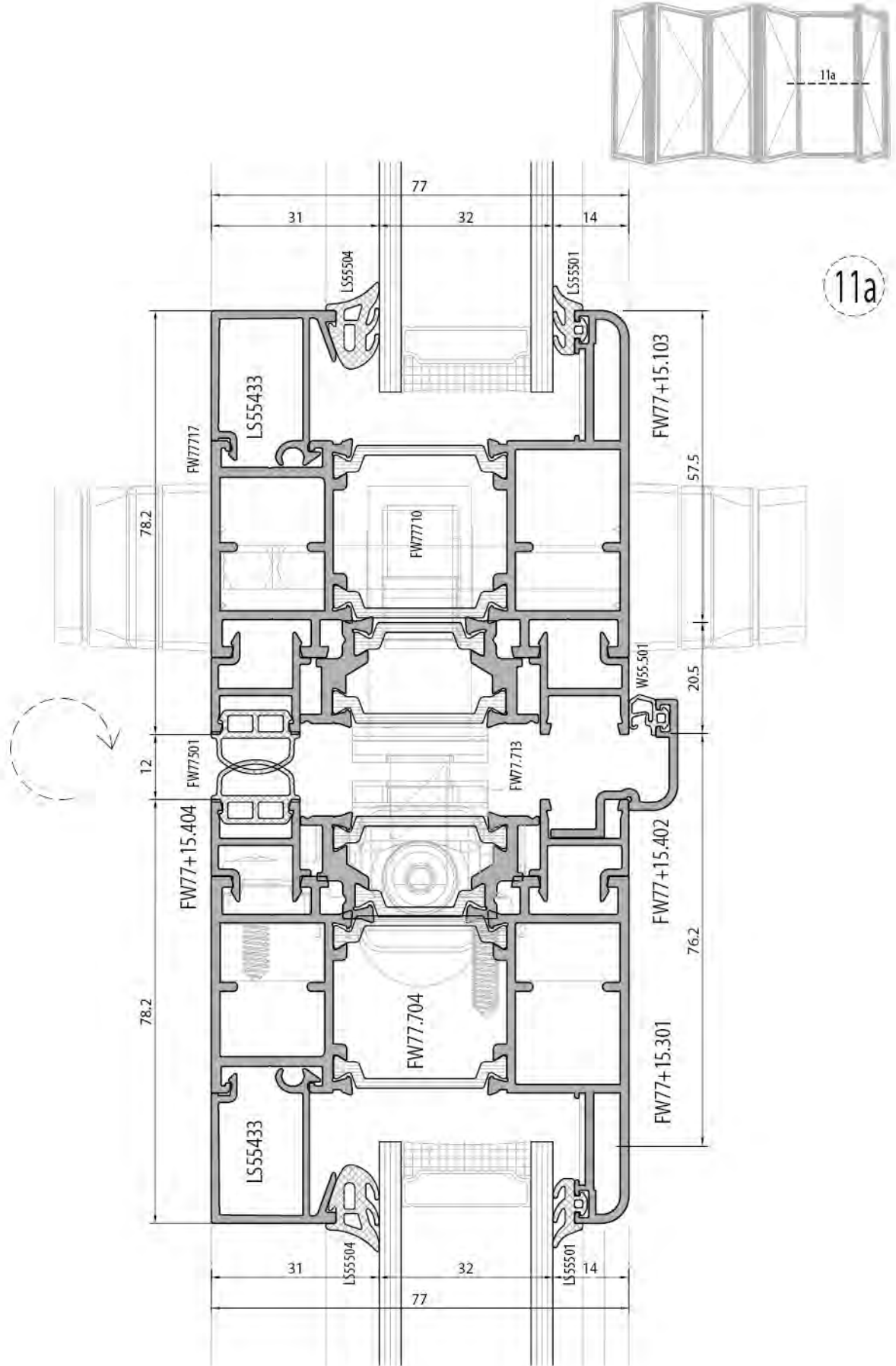


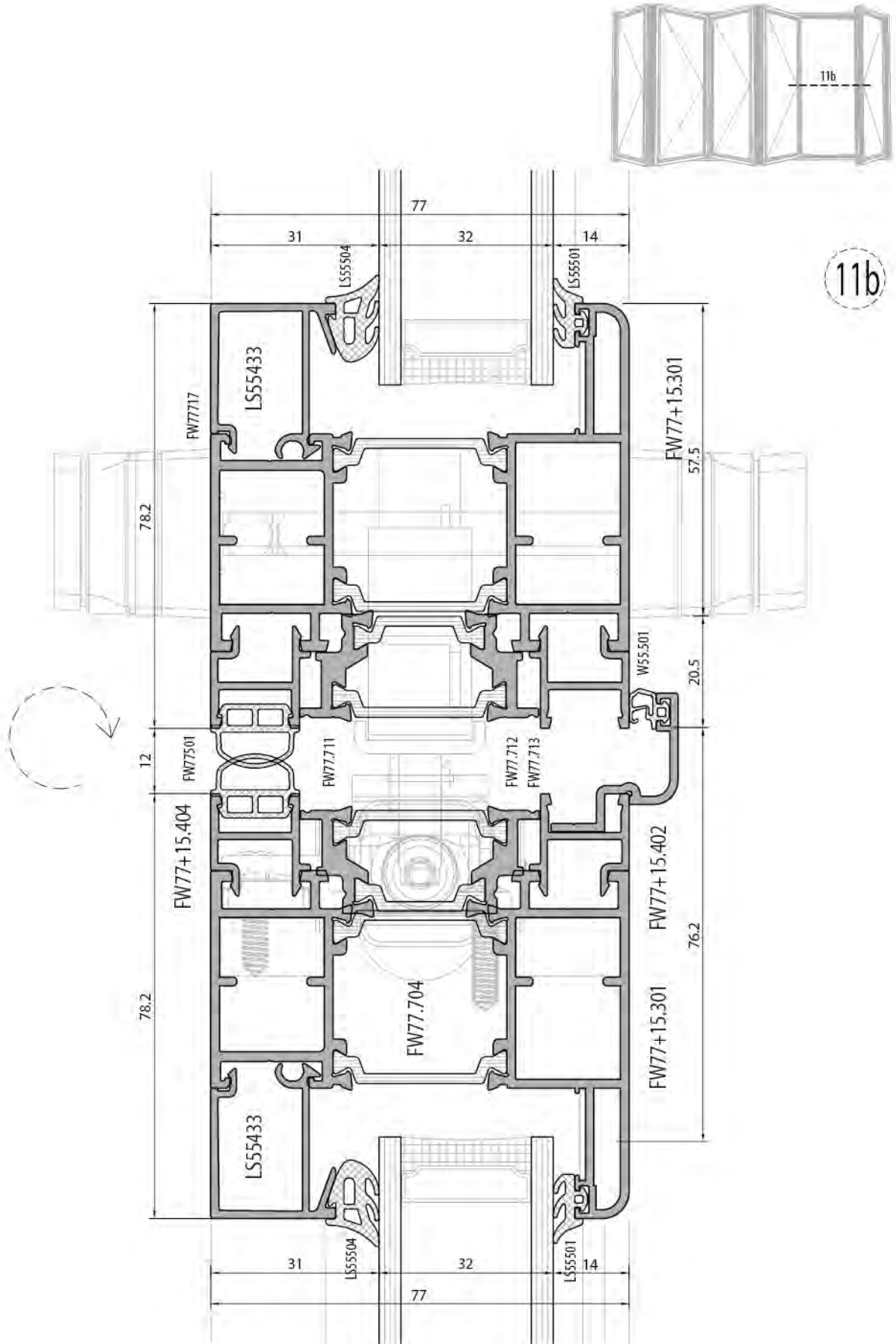


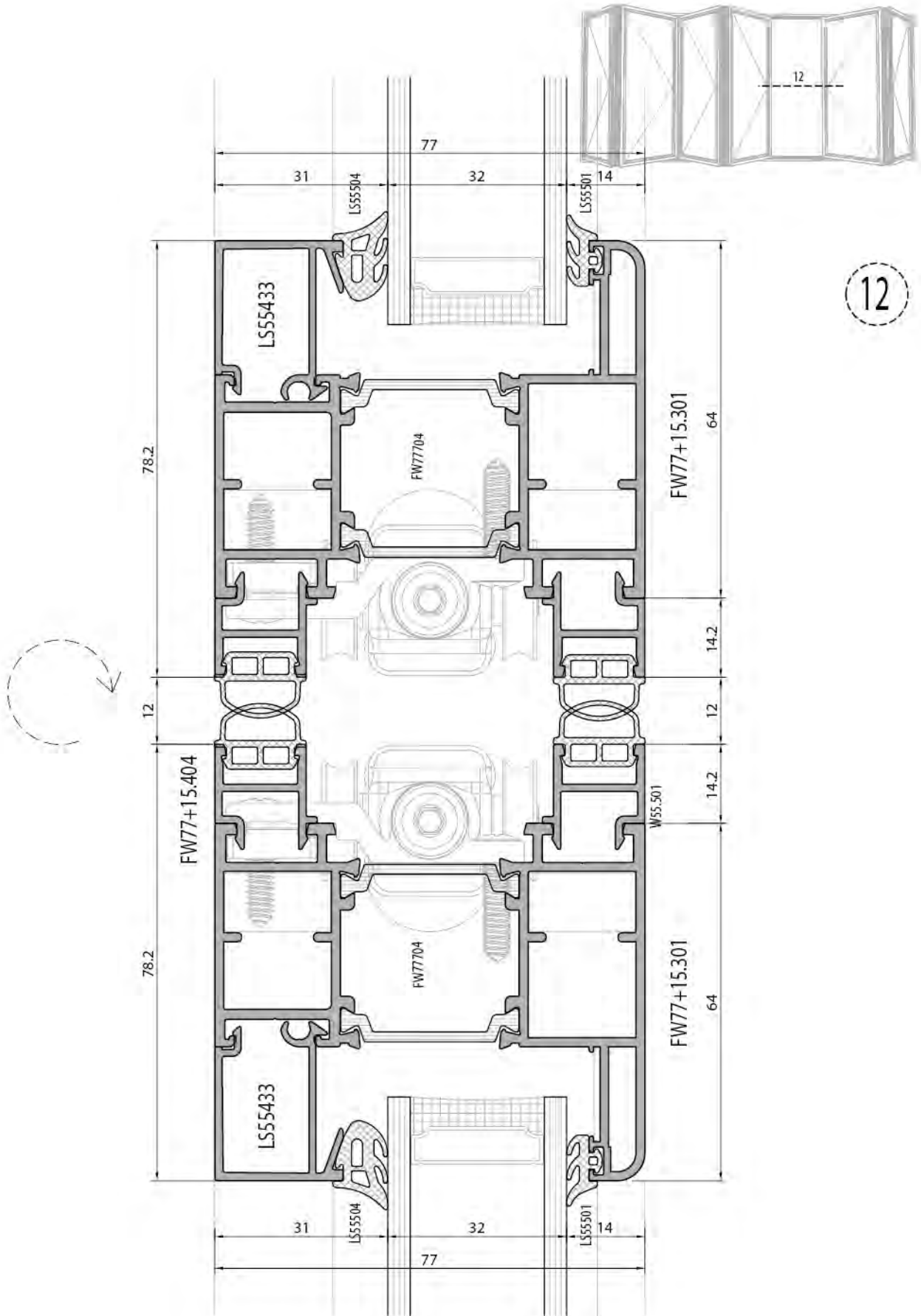


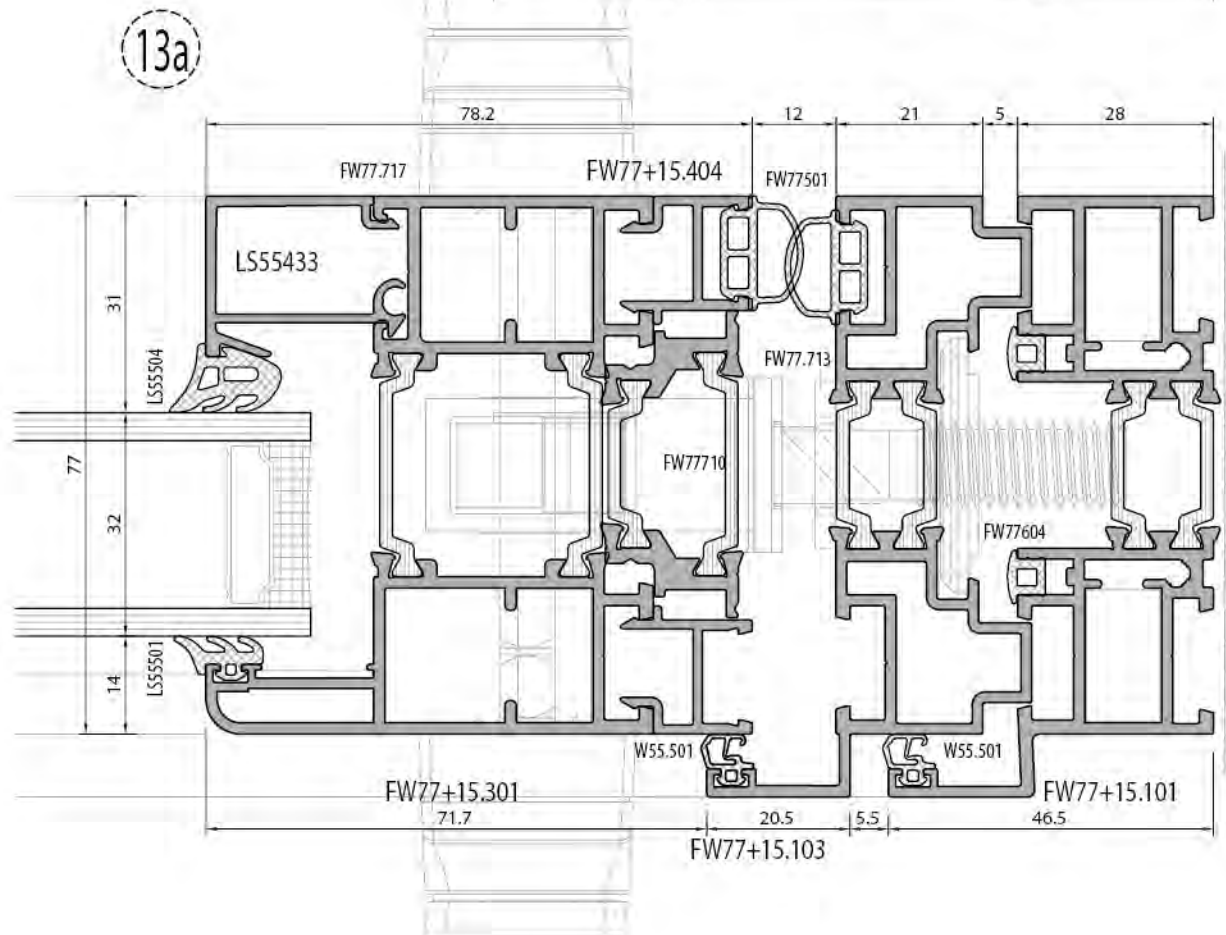
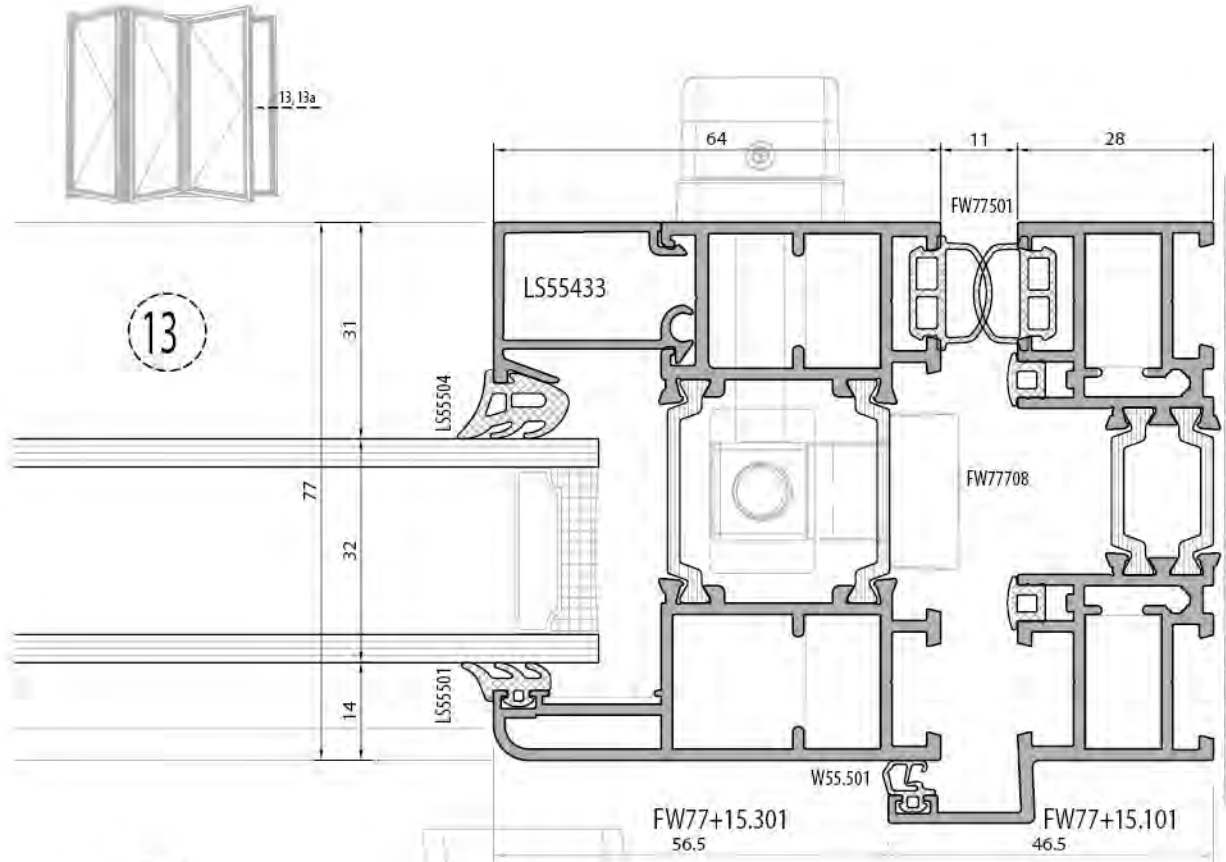
SİSTEM DETAYLARI / SYSTEM DETAILS



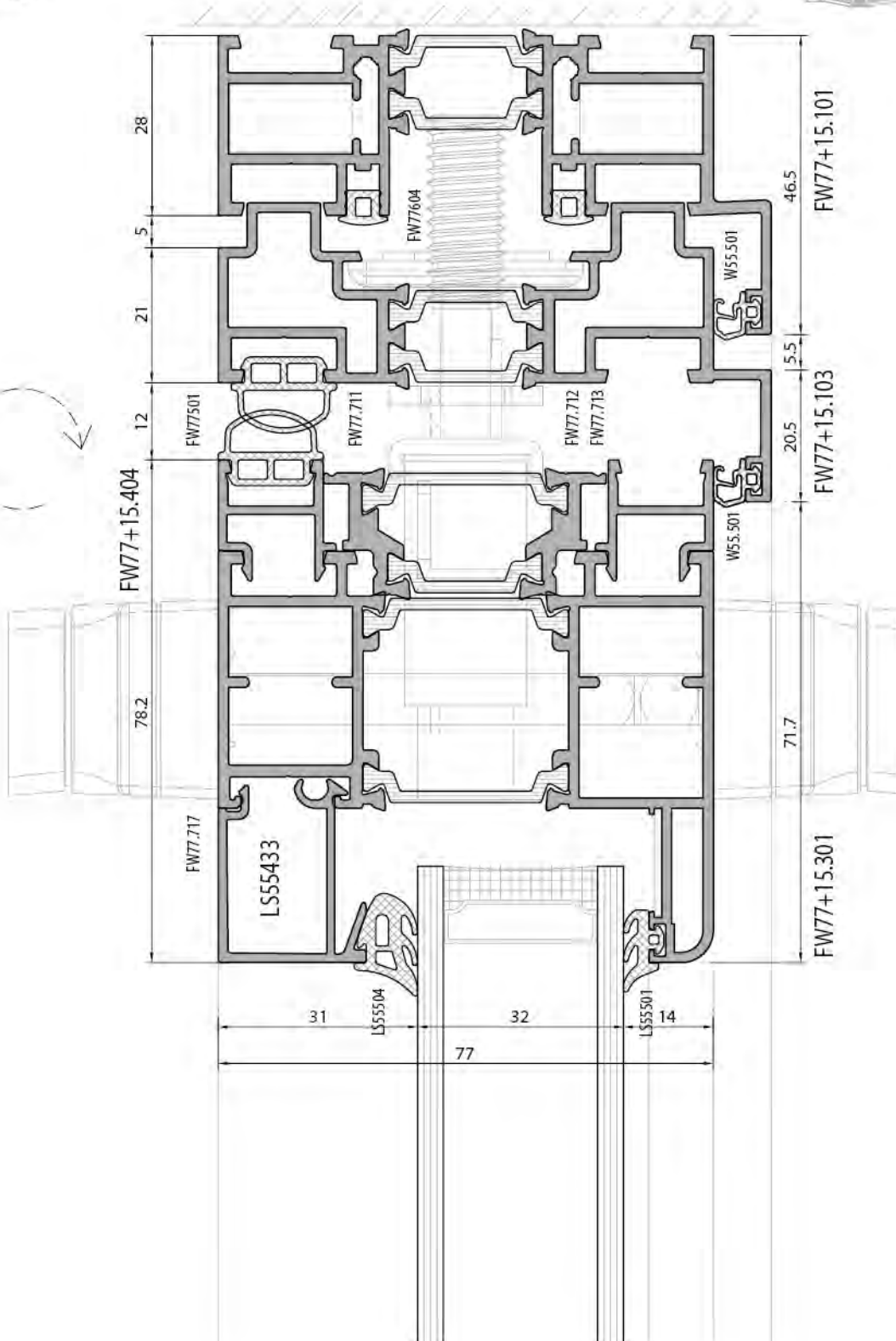
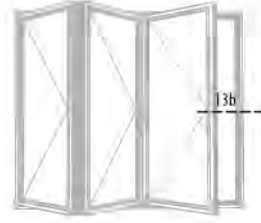




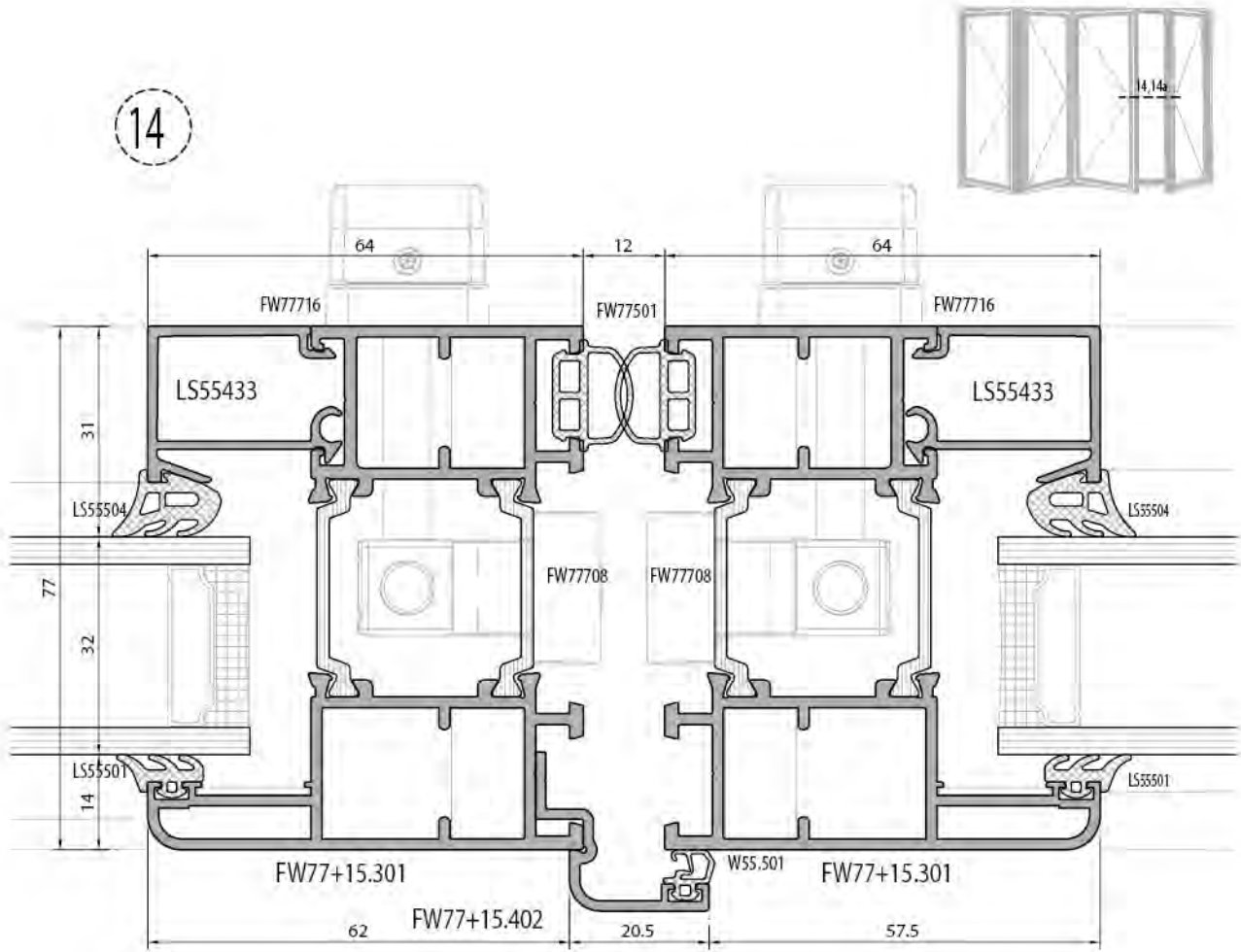




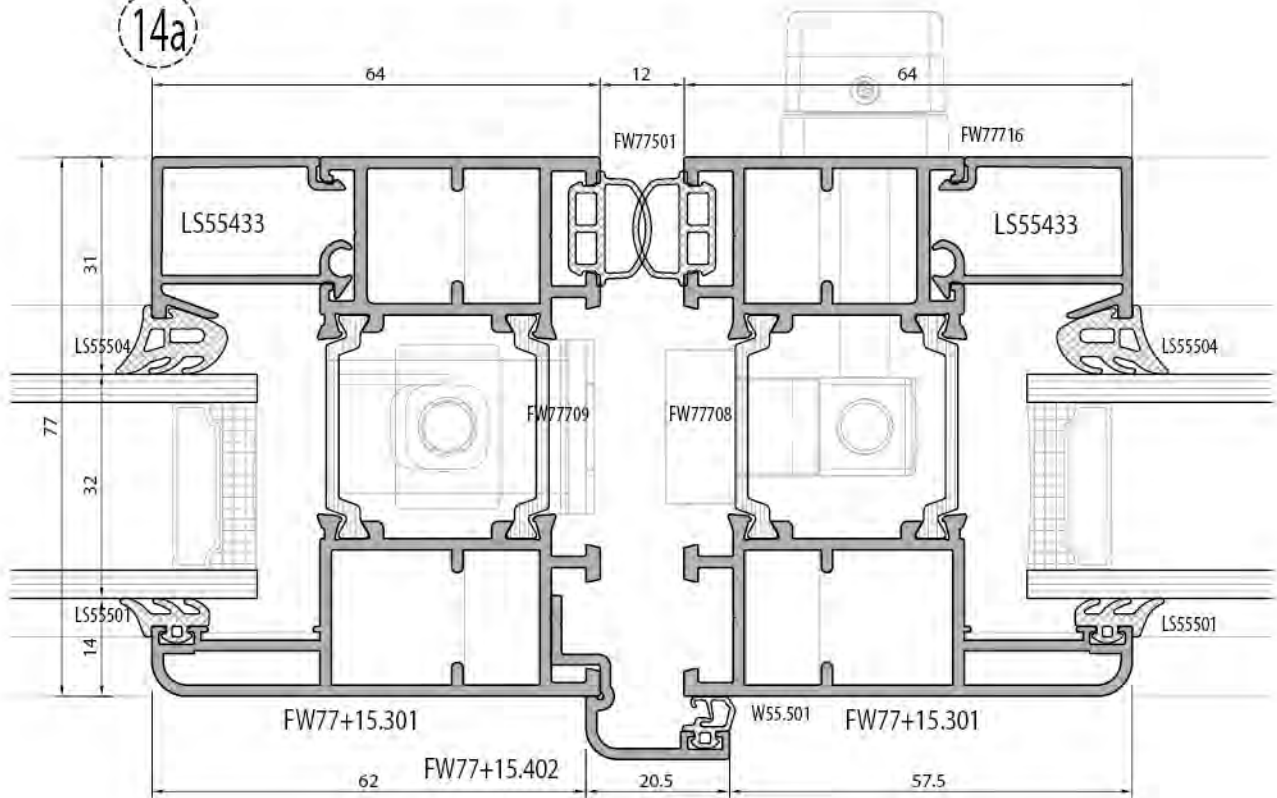
13b



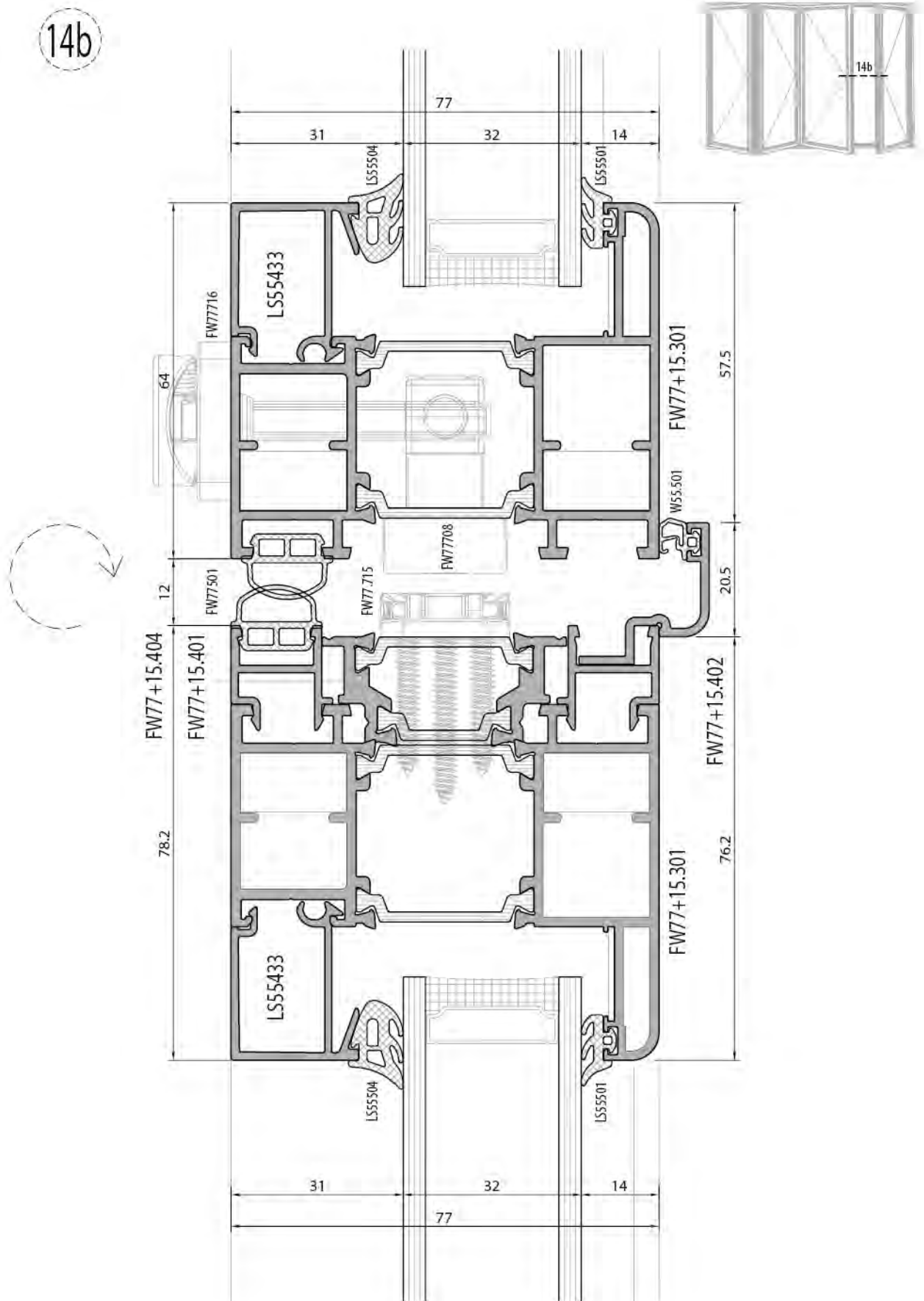
14



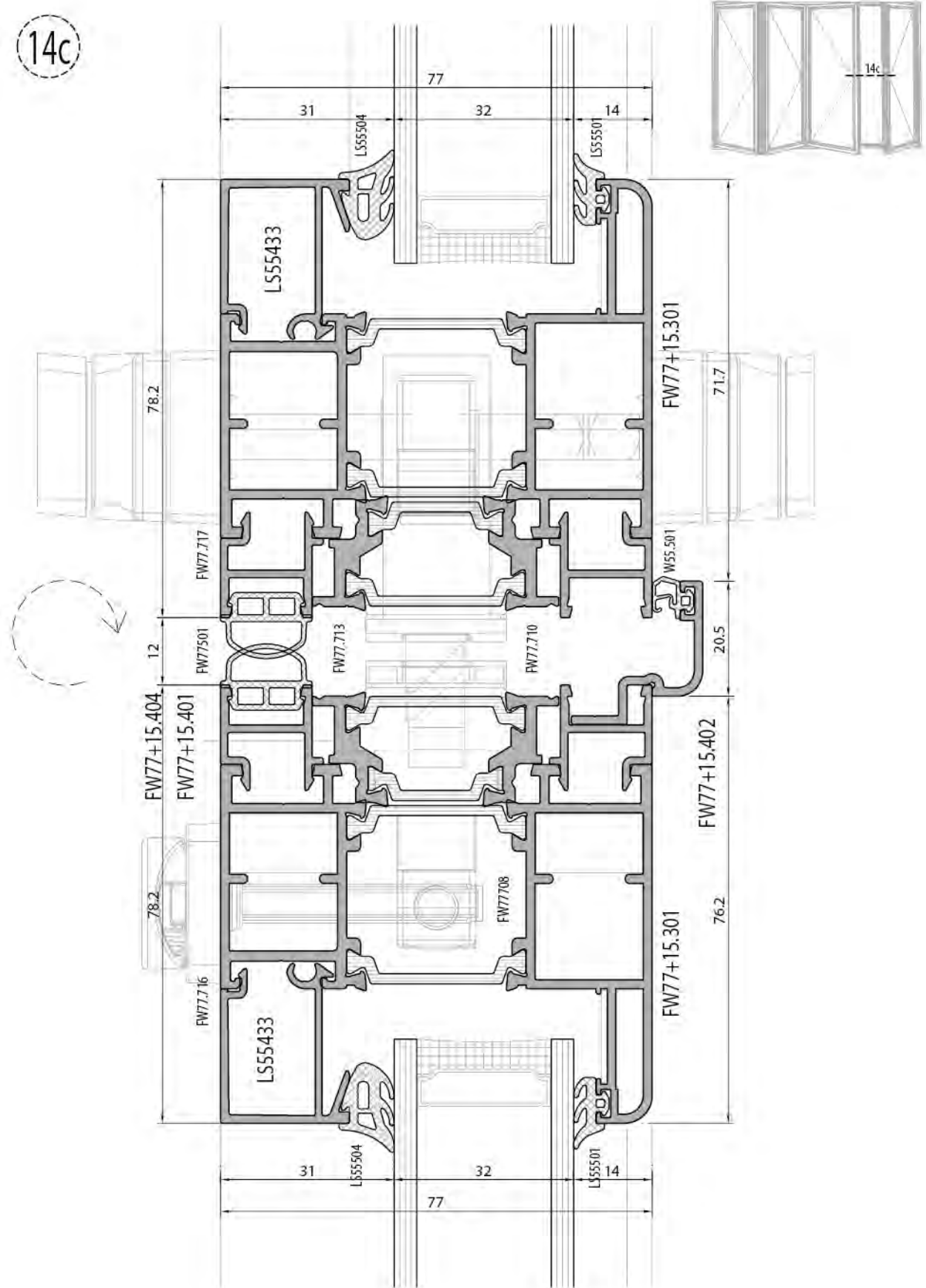
14a



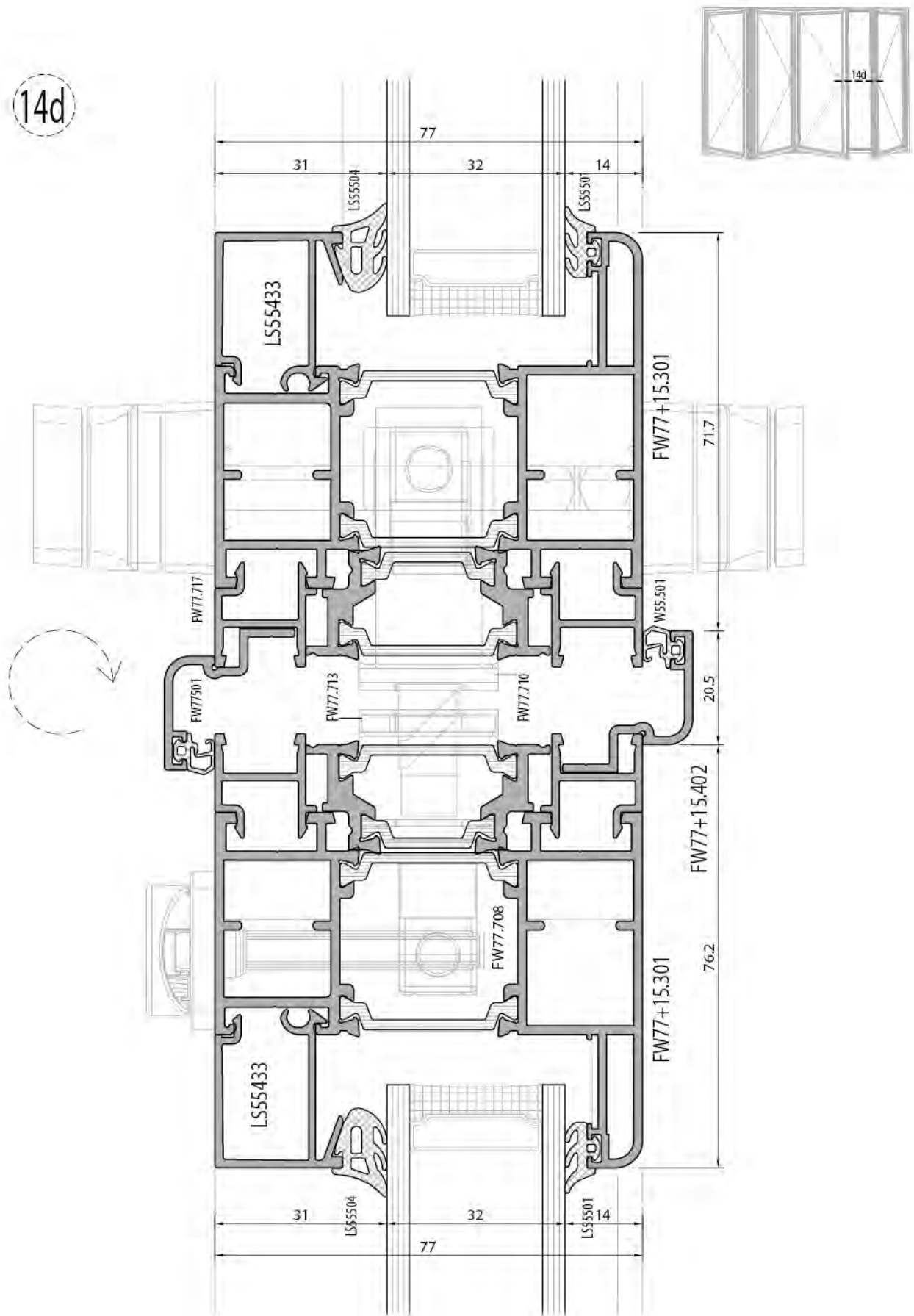
14b



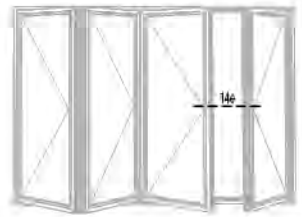
14c



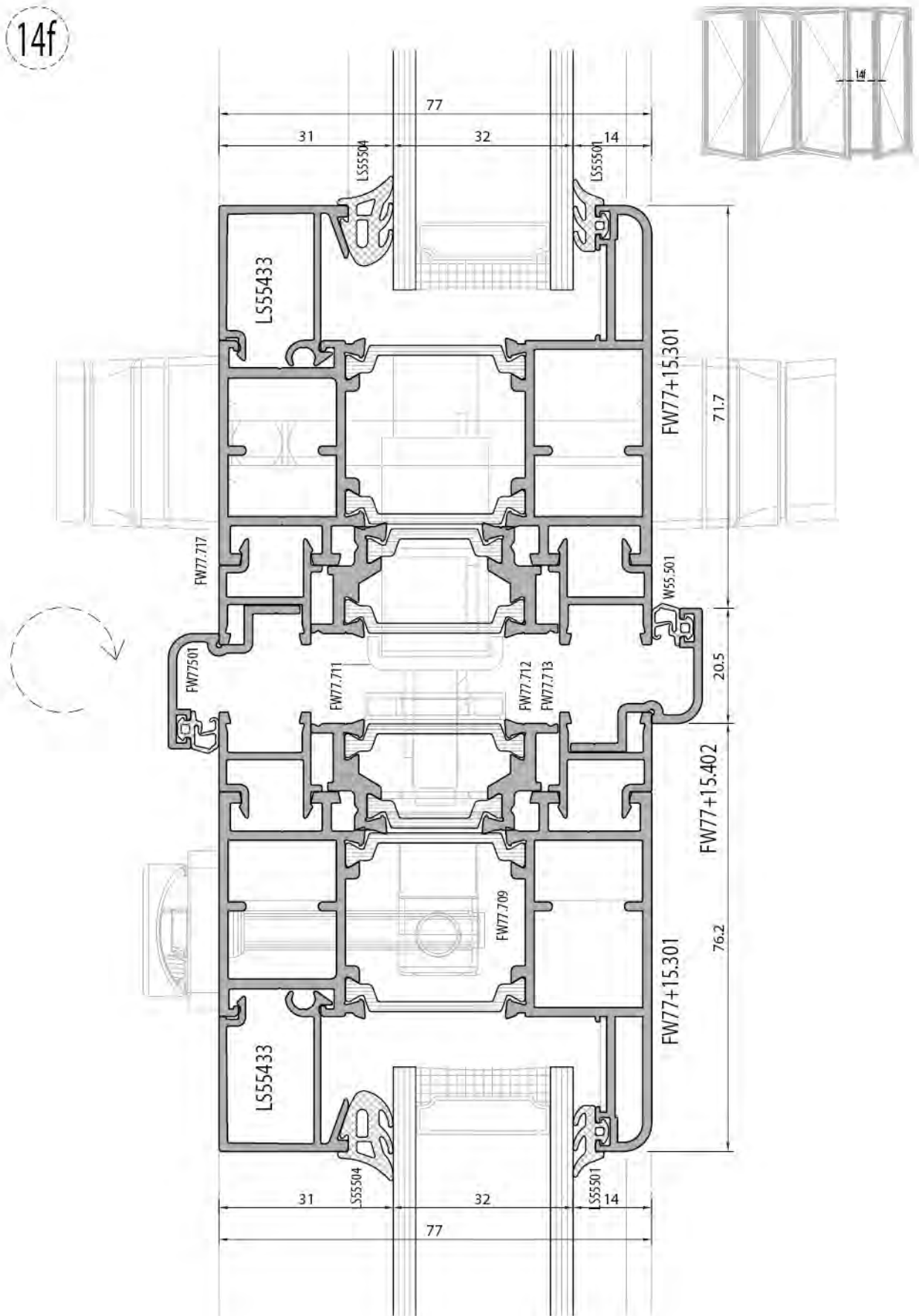
14d



14e



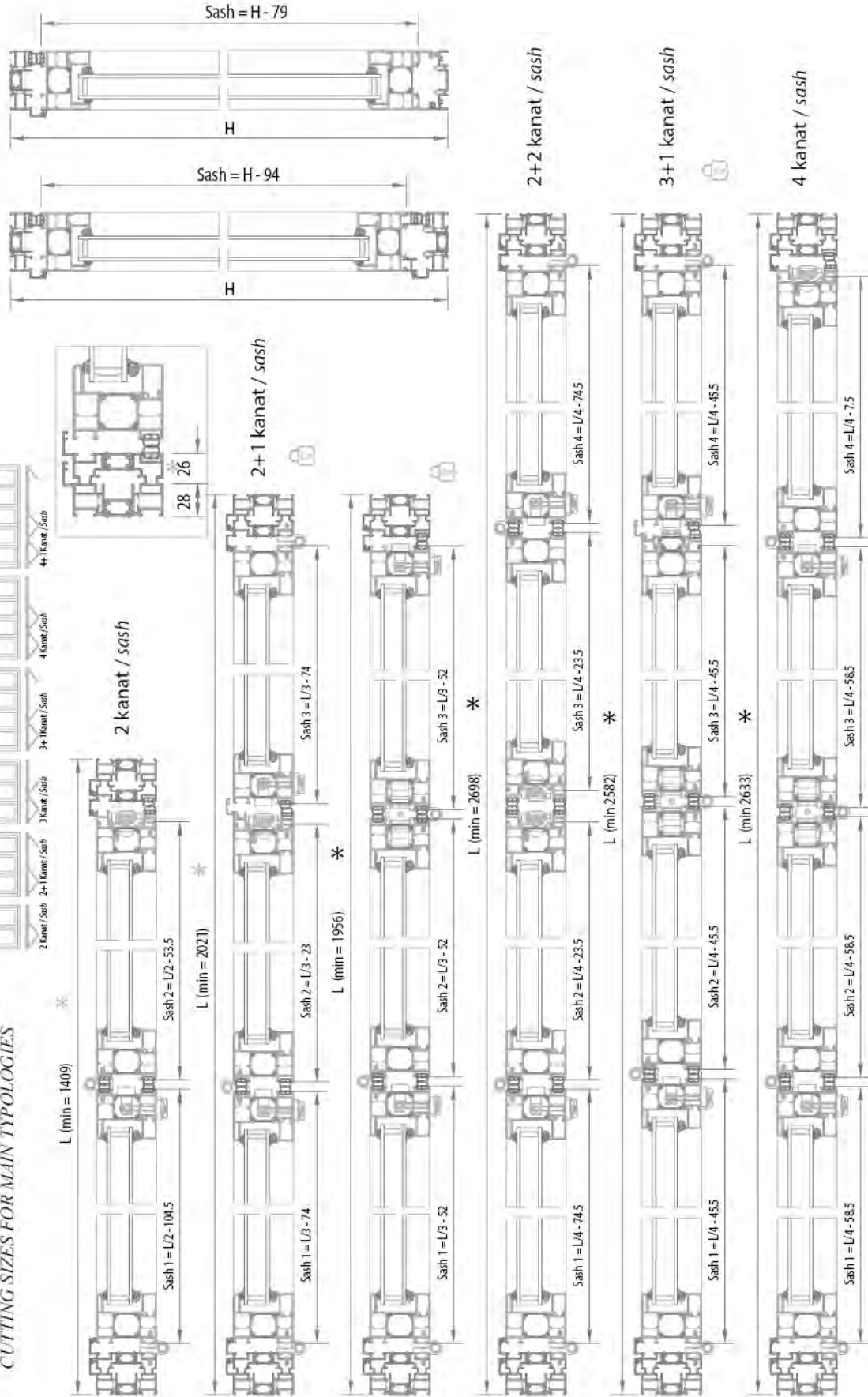
14f



KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS

Minimum odd sash = 600mm - Minimum even sash 651 mm (odd sash + 51 mm)
For a correct sash cutting, it is recommended to cut the last one after mounting the other ones.

ANA TİPOLOJİLER İÇİN KESİM ÖLÇÜLERİ
CUTTING SIZES FOR MAIN TYPOLOGIES



• Güvenlik kilidi uygulanabilir.

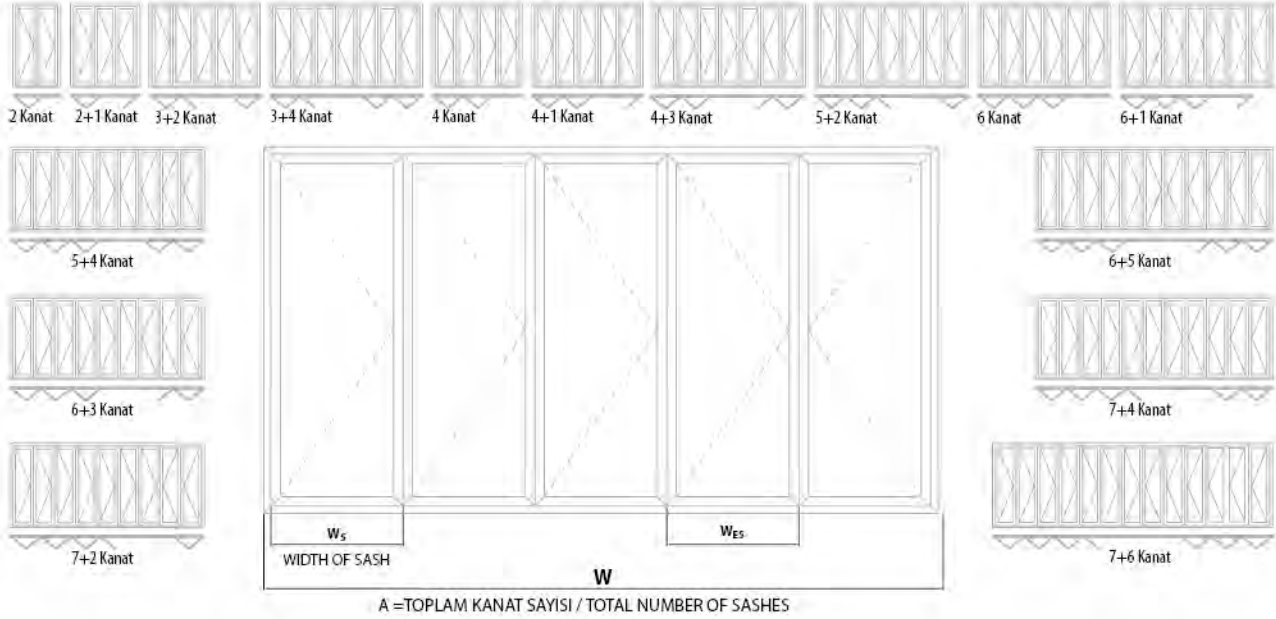
Minimum tek kanat genişliği = 600 mm - Minimum çift kanat genişliği 651 mm (tek kanat + 51 mm)
Doğru bir kanat kesimi için, diğerlerinin montajından sonra sonuncusunun kesilmesi tavsiye edilir.

• Security lock applicable

Minimum odd sash = 600 mm - Minimum even sash 651 mm (odd sash + 51 mm)
For a correct sash cutting, it is recommended to cut the last one after mounting the other ones.

BİR TARAF ÇİFT, DİĞER TARAF TEK SAYIDAKİ KANATLAR İÇİN KANAT GENİŞLİĞİ KESİM HESABI

SASH WIDTH CUTTING CALCULATION FOR ONE SIDE EVEN, OTHER SIDE ODD NUMBER OF SASHES



W = TOPLAM GENİŞLİK / TOTAL WIDTH

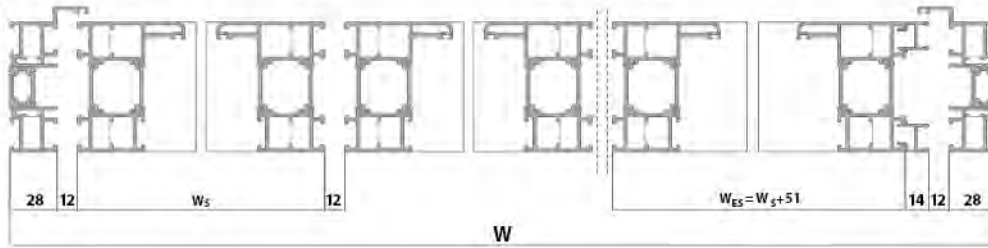
W_S = KANAT GENİŞLİĞİ / WIDTH OF SASHW_{ES} = ÇİFT KANAT GENİŞLİĞİ / WIDTH OF EVEN SASH

A = TOPLAM KANAT SAYISI / TOTAL NUMBER OF SASHES

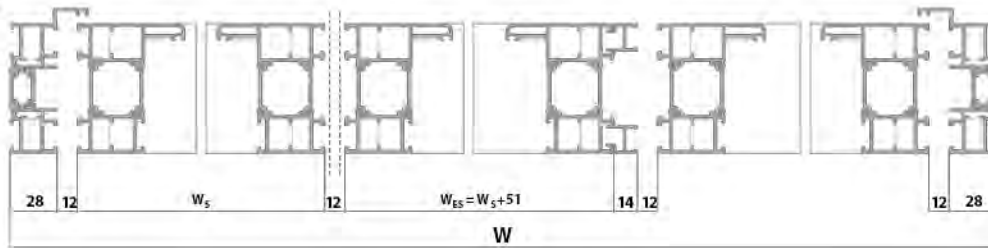
$$W_S = \frac{W - (A \times 12.0\text{mm} + 133\text{ mm})}{A}$$

$$W_{ES} = W_S + 51\text{ mm}$$

Detail 10



Detail 11



$$W_B = W_S - 80$$

W_B = ÇİTA GENİŞLİĞİ / WIDTH OF GLAZING BEAD

$$W_{EB} = W_{ES} - 80$$

W_{EB} = ÇİFT KANAT ÇİTA GENİŞLİĞİ / WIDTH OF GLAZING BEAD EVEN SASH

$$H_B = H_S - 128$$

H_B = ÇİTA YÜKSEKLİĞİ / HEIGHT OF GLAZING BEAD

$$W_G = W_S - 98$$

W_G = CAM GENİŞLİĞİ / WIDTH OF GLAZING

$$W_{EG} = W_{ES} - 98$$

W_{EG} = ÇİFT KANAT CAM GENİŞLİĞİ / WIDTH OF GLAZING EVEN SASH

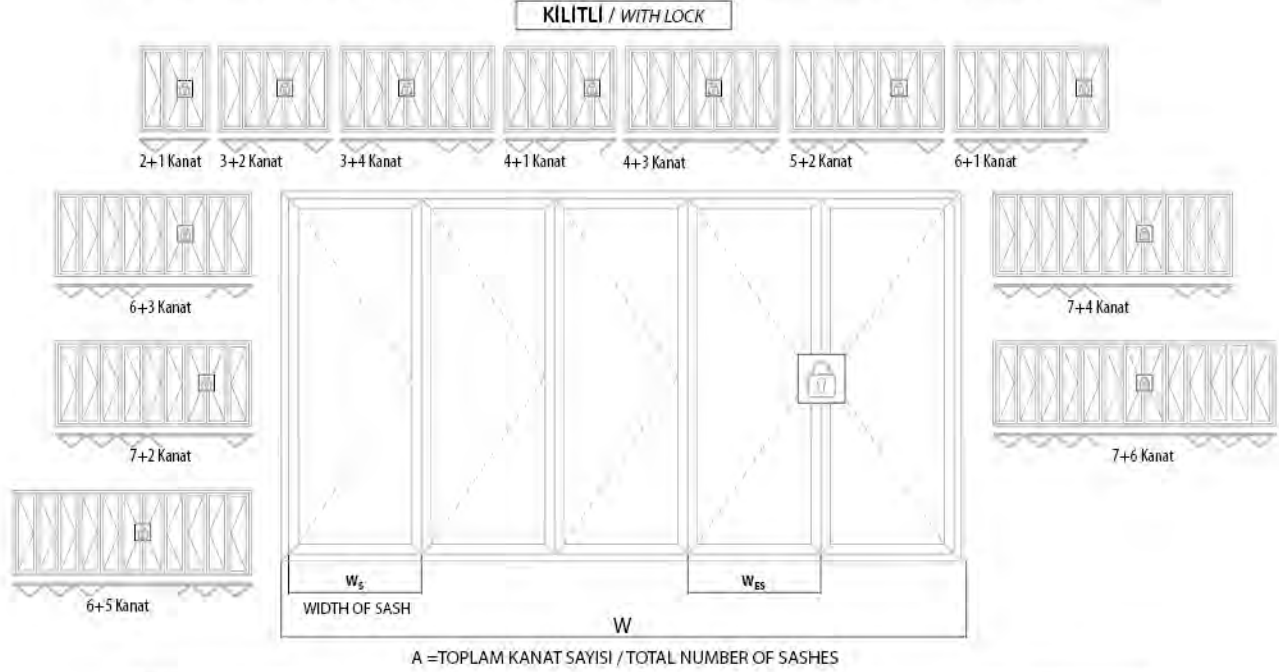
$$H_G = H_S - 98$$

H_G = CAM YÜKSEKLİĞİ / HEIGHT OF GLAZING

* Minimum tek kanat genişliği = 600mm - Minimum çift kanat genişliği 651 mm (tek kanat + 51 mm) Doğru bir kanat kesimi için, diğerlerinin montajından sonra sonuncusunun kesilmesi tavsiye edilir.

Minimum odd sash = 600mm - Minimum even sash 651mm (odd sash + 51mm) For a correct sash cutting, it is recommended to cut the last one after mounting the other ones.

BİR TARAF ÇİFT, DİĞER TARAF TEK SAYIDAKİ KANATLAR İÇİN KANAT GENİŞLİĞİ KESİM HESABI
SASH WIDTH CUTTING CALCULATION FOR ONE SIDE EVEN, OTHER SIDE ODD NUMBER OF SASHES



W = TOPLAM GENİŞLİK / TOTAL WIDTH

Ws = KANAT GENİŞLİĞİ / WIDTH OF SASH

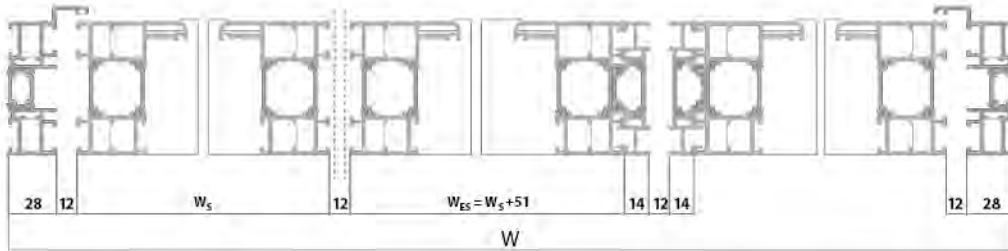
WEs = ÇİFT KANAT GENİŞLİĞİ / WIDTH OF EVEN SASH

A = TOPLAM KANAT SAYISI / TOTAL NUMBER OF SASHES

$$W_s = \frac{W - (A \times 12.0\text{mm} + 147\text{mm})}{A}$$

$$W_{Es} = W_s + 51\text{mm}$$

Detail 11a 11b



$$W_B = W_s - 80$$

WB = ÇİTA GENİŞLİĞİ / WIDTH OF GLAZING BEAD

$$W_{EB} = W_{Es} - 80$$

WEB = ÇİFT KANAT ÇİTA GENİŞLİĞİ / WIDTH OF GLAZING BEAD EVEN SASH

$$H_B = H_s - 128$$

HB = ÇİTA YÜKSEKLİĞİ / HEIGHT OF GLAZING BEAD

$$W_G = W_s - 98$$

WG = CAM GENİŞLİĞİ / WIDTH OF GLAZING

$$W_{EG} = W_{Es} - 98$$

WEG = ÇİFT KANAT CAM GENİŞLİĞİ / WIDTH OF GLAZING EVEN SASH

$$H_G = H_s - 98$$

HG = CAM YÜKSEKLİĞİ / HEIGHT OF GLAZING



Güvenlik kilidi uygulanabilir.

Minimum tek kanat genişliği = 600mm - Minimum çift kanat genişliği 651 mm (tek kanat + 51 mm)
Doğru bir kanat kesimi için, diğerlerinin montajından sonra sonuncusunun kesilmesi tavsiye edilir.



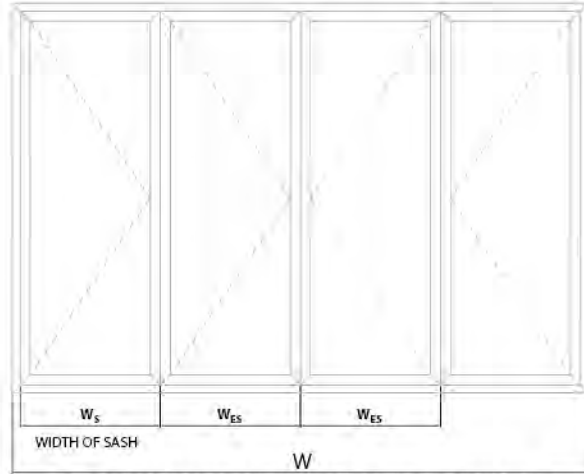
Security lock applicable.

Minimum odd sash = 600mm - Minimum even sash 651mm (odd sash + 51mm)

For a correct sash cutting, It is recommended to cut the last one after mounting the other ones.

İKİSİ DE ÇİFT SAYIDAKİ KANAT İÇİN KANAT GENİŞLİĞİ KESİM HESABI

SASH WIDTH CUTTING CALCULATION FOR BOTH SIDE EVEN



A = TOPLAM KANAT SAYISI / TOTAL NUMBER OF SASHES

W = TOPLAM GENİŞLİK / TOTAL WIDTH

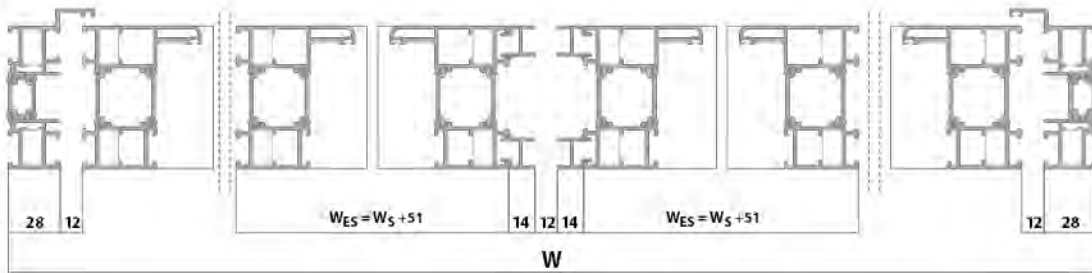
W_S = KANAT GENİŞLİĞİ / WIDTH OF SASHW_{ES} = ÇİFT KANAT GENİŞLİĞİ / WIDTH OF EVEN SASH

A = TOPLAM KANAT SAYISI / TOTAL NUMBER OF SASHES

$$W_S = \frac{W - (A \times 12.0\text{mm} + 198\text{ mm})}{A}$$

$$W_{ES} = W_S + 51\text{ mm}$$

Detail 12



$$W_B = W_S - 80$$

W_B = ÇİTA GENİŞLİĞİ / WIDTH OF GLAZING BEAD

$$W_{EB} = W_{ES} - 80$$

W_{EB} = ÇİFT KANAT ÇİTA GENİŞLİĞİ / WIDTH OF GLAZING BEAD EVEN SASH

$$H_B = H_S - 128$$

H_B = ÇİTA YÜKSEKLİĞİ / HEIGHT OF GLAZING BEAD

$$W_G = W_S - 98$$

W_G = CAM GENİŞLİĞİ / WIDTH OF GLAZING

$$W_{EG} = W_{ES} - 98$$

W_{EG} = ÇİFT KANAT CAM GENİŞLİĞİ / WIDTH OF GLAZING EVEN SASH

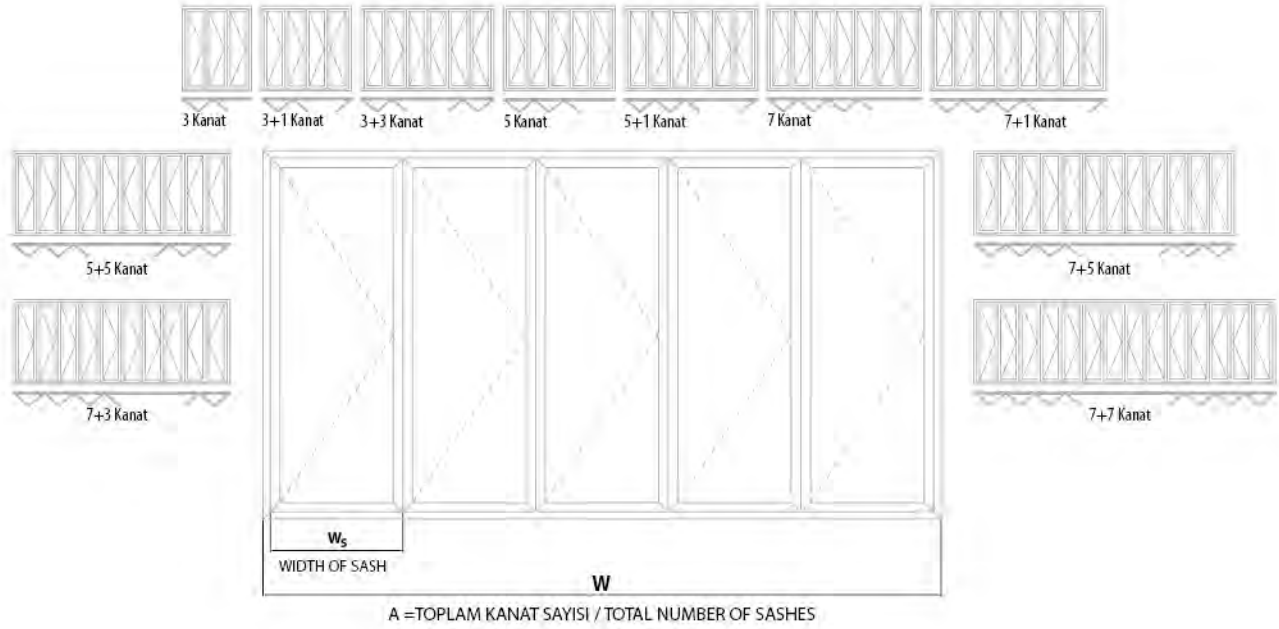
$$H_G = H_S - 98$$

H_G = CAM YÜKSEKLİĞİ / HEIGHT OF GLAZING

* Minimum tek kanat genişliği = 600 mm - Minimum çift kanat genişliği 651 mm (tek kanat + 51 mm) Doğru bir kanat kesimi için, diğerlerinin montajından sonra sonuncusunun kesilmesi tavsiye edilir.

Minimum odd sash = 600mm - Minimum even sash 651 mm (odd sash + 51mm) For a correct sash cutting, it is recommended to cut the last one after mounting the other ones.

TEK KANAT SAYISI İÇİN KANAT GENİŞLİĞİ KESİM HESABI
SASH WIDTH CUTTING CALCULATION FOR ODD NUMBER OF SASHES



W = TOPLAM GENİŞLİK / TOTAL WIDTH

Ws = KANAT GENİŞLİĞİ / WIDTH OF SASH

A = TOPLAM KANAT SAYISI / TOTAL NUMBER OF SASHES

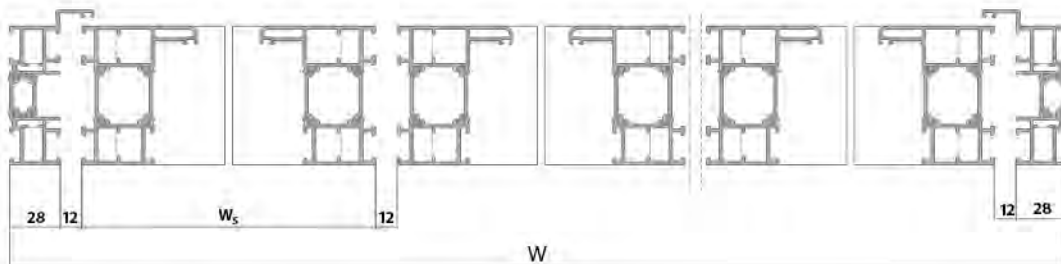
$$W_s = \frac{W - \{ (A + 1) (12.0\text{mm} + 56 \text{ mm}) \}}{A}$$

Detail

13

14

14a



$$W_b = W_s - 80$$

Wb = ÇITA GENİŞLİĞİ / WIDTH OF GLAZING BEAD

$$H_b = H_s - 128$$

Hb = ÇITA YÜKSEKLİĞİ / HEIGHT OF GLAZING BEAD

$$W_g = W_s - 98$$

Wg = CAM GENİŞLİĞİ / WIDTH OF GLAZING

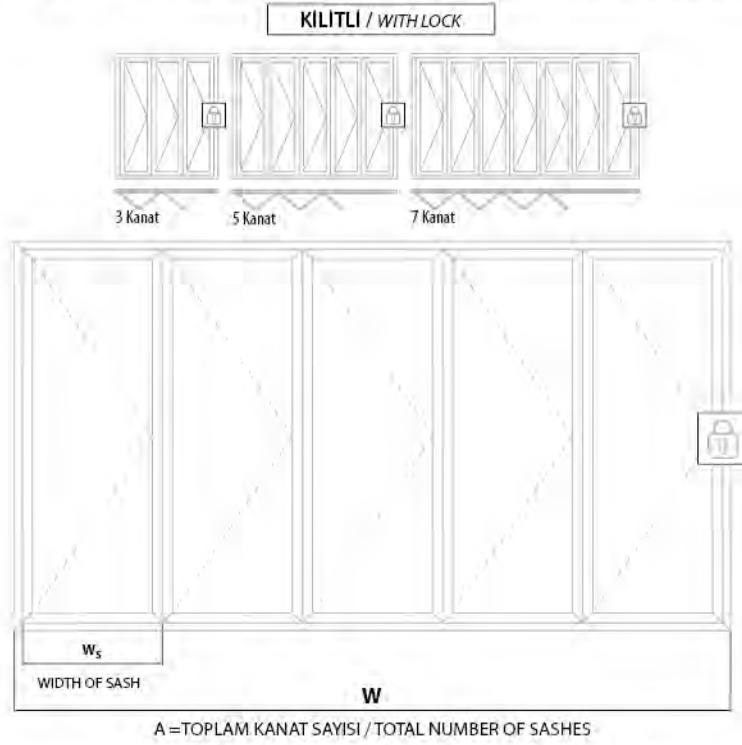
$$H_g = H_s - 98$$

Hg = CAM YÜKSEKLİĞİ / HEIGHT OF GLAZING

* Minimum tek kanat genişliği = 600mm - Minimum çift kanat genişliği 651 mm (tek kanat + 51 mm)
Doğru bir kanat kesimi için, diğerlerinin montajından sonra sonuncusunun kesilmesi tavsiye edilir.

Minimum odd sash = 600mm - Minimum even sash 651mm (odd sash + 51mm)
For a correct sash cutting, it is recommended to cut the last one after mounting the other ones.

TEK KANAT SAYISI İÇİN KANAT GENİŞLİĞİ KESİM HESABI
SASH WIDTH CUTTING CALCULATION FOR ODD NUMBER OF SASHES



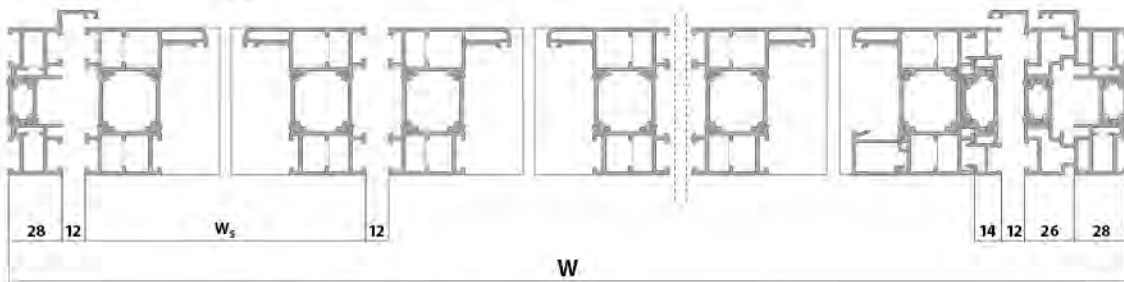
W = TOPLAM GENİŞLİK / TOTAL WIDTH

W_s = KANAT GENİŞLİĞİ / WIDTH OF SASH

A = TOPLAM KANAT SAYISI / TOTAL NUMBER OF SASHES

$$W_s = \frac{W - \{ (A + 1) (12.0\text{mm} + 96 \text{ mm}) \}}{A}$$

Detail 13a 13b



$$W_B = W_s - 80 \quad W_B = \text{ÇİTA GENİŞLİĞİ / WIDTH OF GLAZING BEAD}$$

$$H_B = H_s - 128 \quad H_B = \text{ÇİTA YÜKSEKLİĞİ / HEIGHT OF GLAZING BEAD}$$

$$W_G = W_s - 98 \quad W_G = \text{CAM GENİŞLİĞİ / WIDTH OF GLAZING}$$

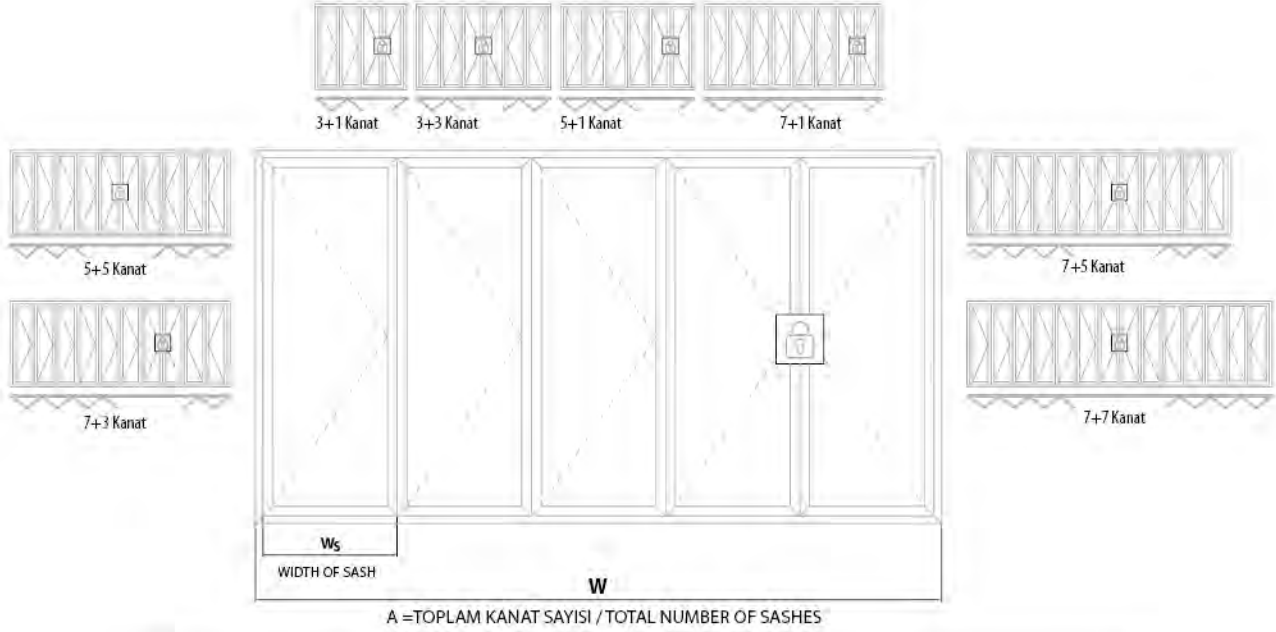
$$H_G = H_s - 98 \quad H_G = \text{CAM YÜKSEKLİĞİ / HEIGHT OF GLAZING}$$

- * Güvenlik kilidi uygulanabilir.
 Minimum tek kanat genişliği = 600mm - Minimum çift kanat genişliği 651 mm (tek kanat + 51 mm)
 Doğru bir kanat kesimi için, diğerlerinin montajından sonra sonuncusunun kesilmesi tavsiye edilir.

- iv Security lock applicable.
 Minimum odd sash = 600mm - Minimum even sash 651mm (odd sash + 51mm)
 For a correct sash cutting, it is recommended to cut the last one after mounting the other ones.

TEK KANAT SAYISI İÇİN KANAT GENİŞLİĞİ KESİM HESABI
SASH WIDTH CUTTING CALCULATION FOR ODD NUMBER OF SASHES

KİLİTLİ / WITH LOCK



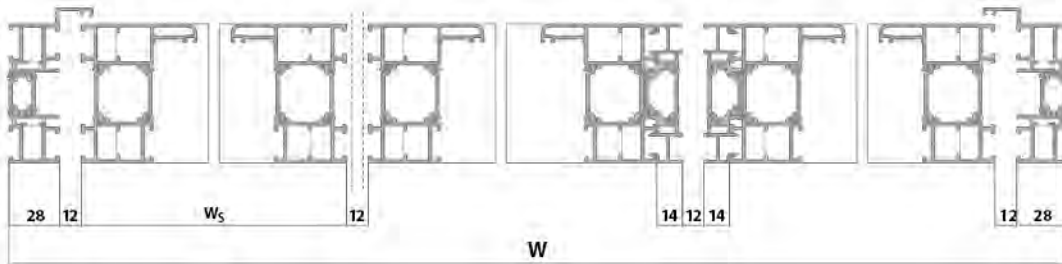
W = TOPLAM GENİŞLİK / TOTAL WIDTH

Ws = KANAT GENİŞLİĞİ / WIDTH OF SASH

A = TOPLAM KANAT SAYISI / TOTAL NUMBER OF SASHES

$$W_s = \frac{W - \{ (A + 1) (12.0\text{mm} + 84 \text{ mm}) \}}{A}$$

Detail 14c 14d 14e 14f



$$W_B = W_s - 80$$

W_B = ÇITA GENİŞLİĞİ / WIDTH OF GLAZING BEAD

$$H_B = H_s - 128$$

H_B = ÇITA YÜKSEKLİĞİ / HEIGHT OF GLAZING BEAD

$$W_G = W_s - 98$$

W_G = CAM GENİŞLİĞİ / WIDTH OF GLAZING

$$H_G = H_s - 98$$

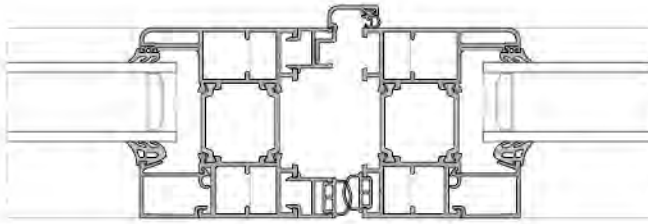
H_G = CAM YÜKSEKLİĞİ / HEIGHT OF GLAZING

*  Güvenlik kilidi uygulanabilir.
Minimum tek kanat genişliği = 600mm - Minimum çift kanat genişliği 651 mm (tek kanat + 51 mm)
Doğru bir kanat kesimi için, diğerlerinin montajından sonra sonuncusunun kesilmesi tavsiye edilir.

 Security lock applicable.
Minimum odd sash = 600mm - Minimum even sash 651 mm (odd sash + 51 mm)
For a correct sash cutting, it is recommended to cut the last one after mounting the other ones.



FW77+15.402

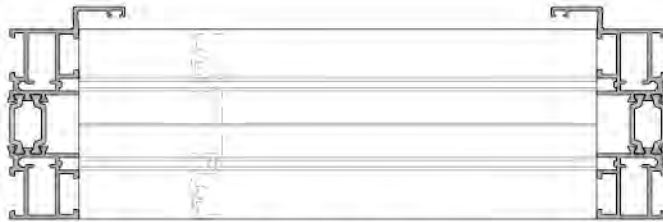


(A) Hs-6

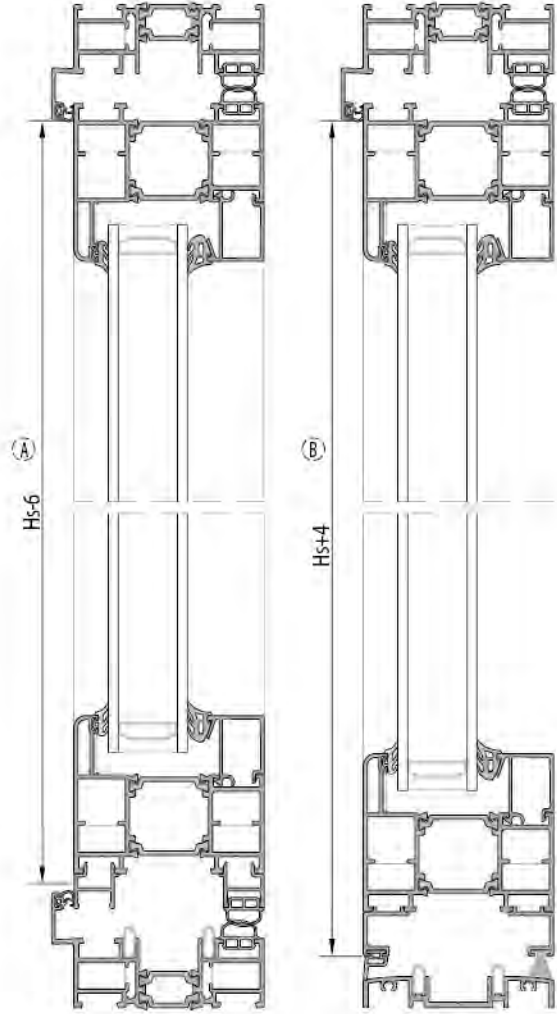
(B) Hs+4



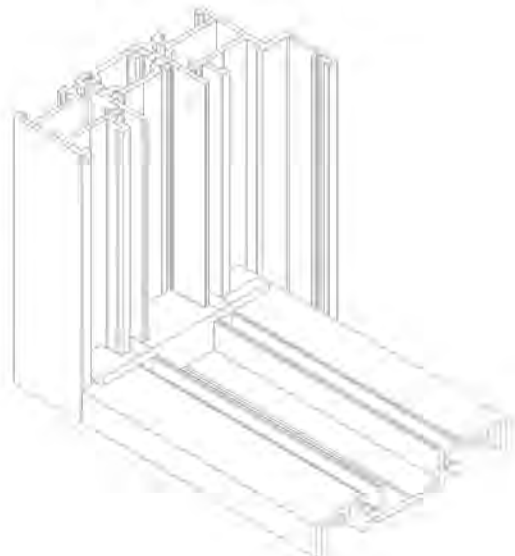
FW77+15.102

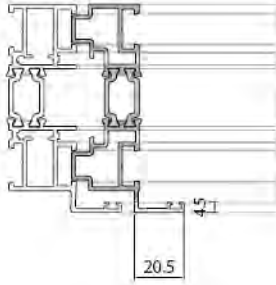
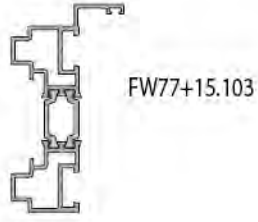


FW77+15.102=Ls-56



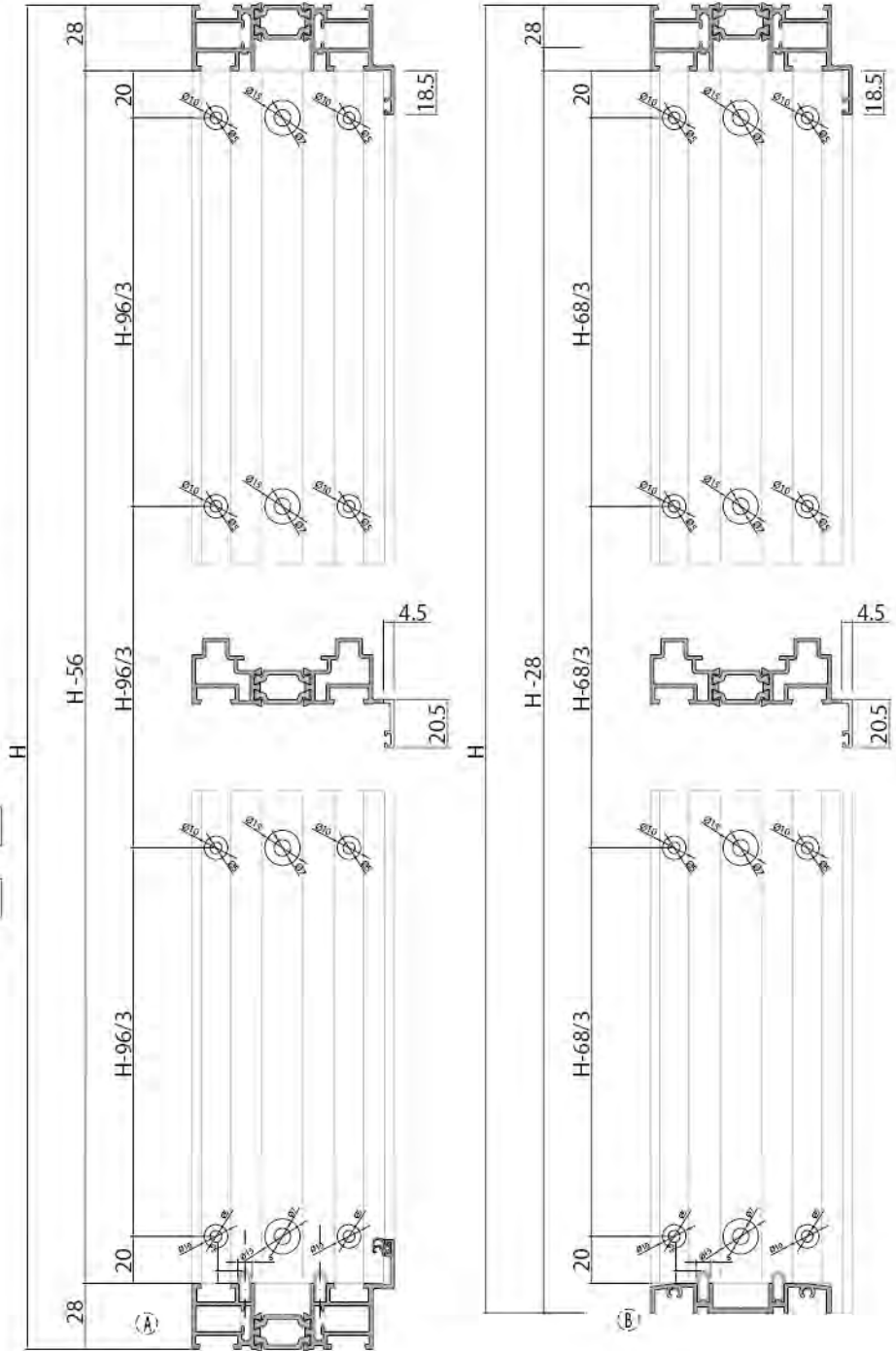
Ls = Kanat genişliği /sash width
Hs = Kanat yüksekliği /sash height



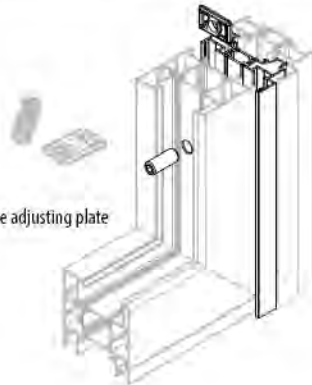


(A) Hs-56

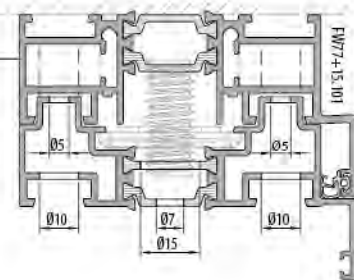
(B) Hs-28



FW77604
Grub screw for frame adjusting plate
M12x30mm

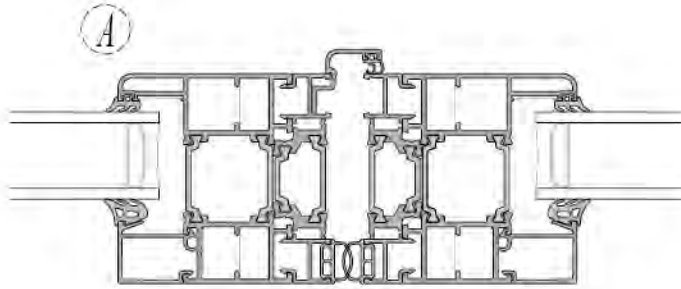


min 0 mm / max 5 mm





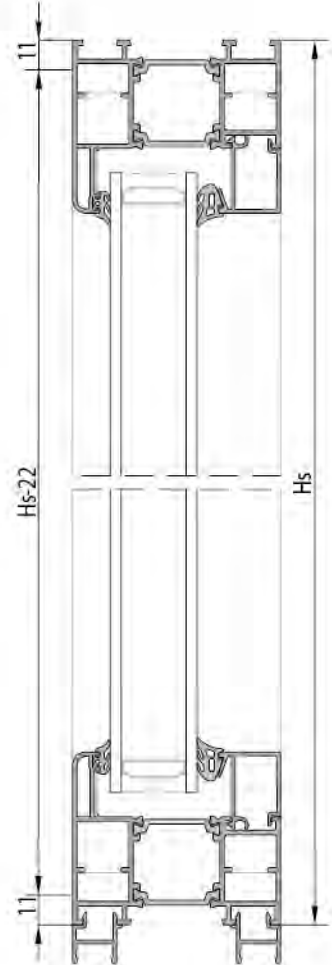
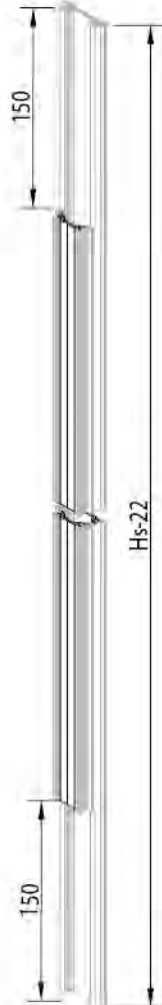
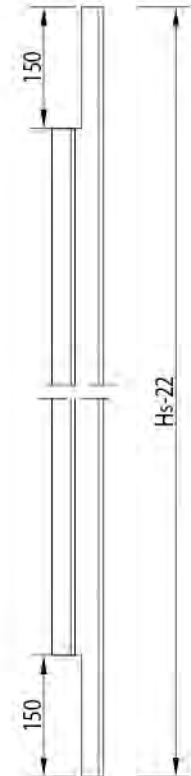
FW77+15.401



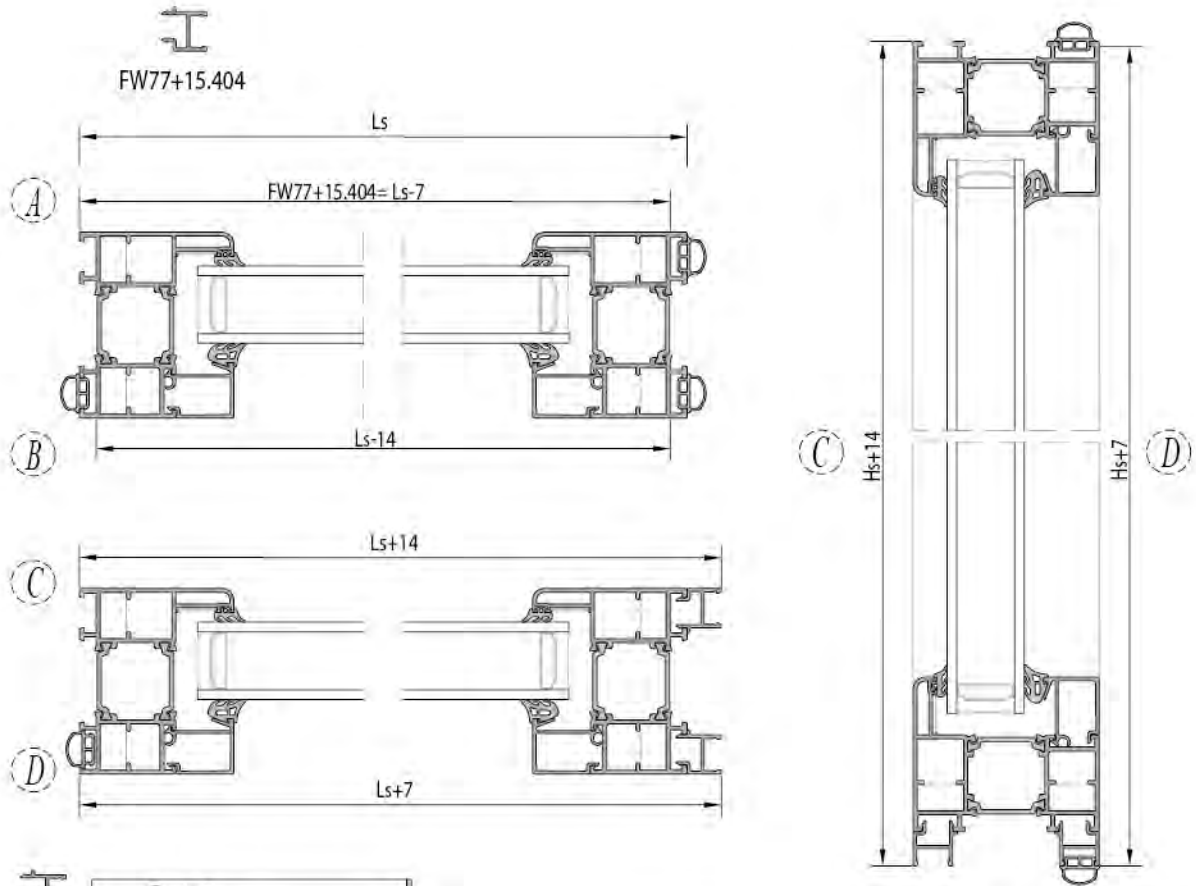
Hs-22

Detay 11a/11b için

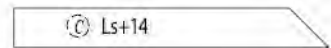
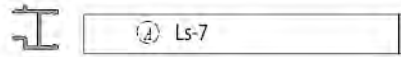
For detail 11a/11b



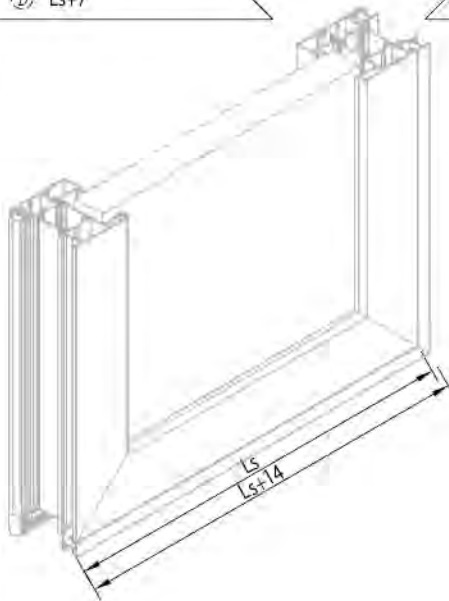
Hs=Kanat yüksekliği/sash height



L_s =Kanat genişliği / sash width
 H_s =Kanat yüksekliği / sash height

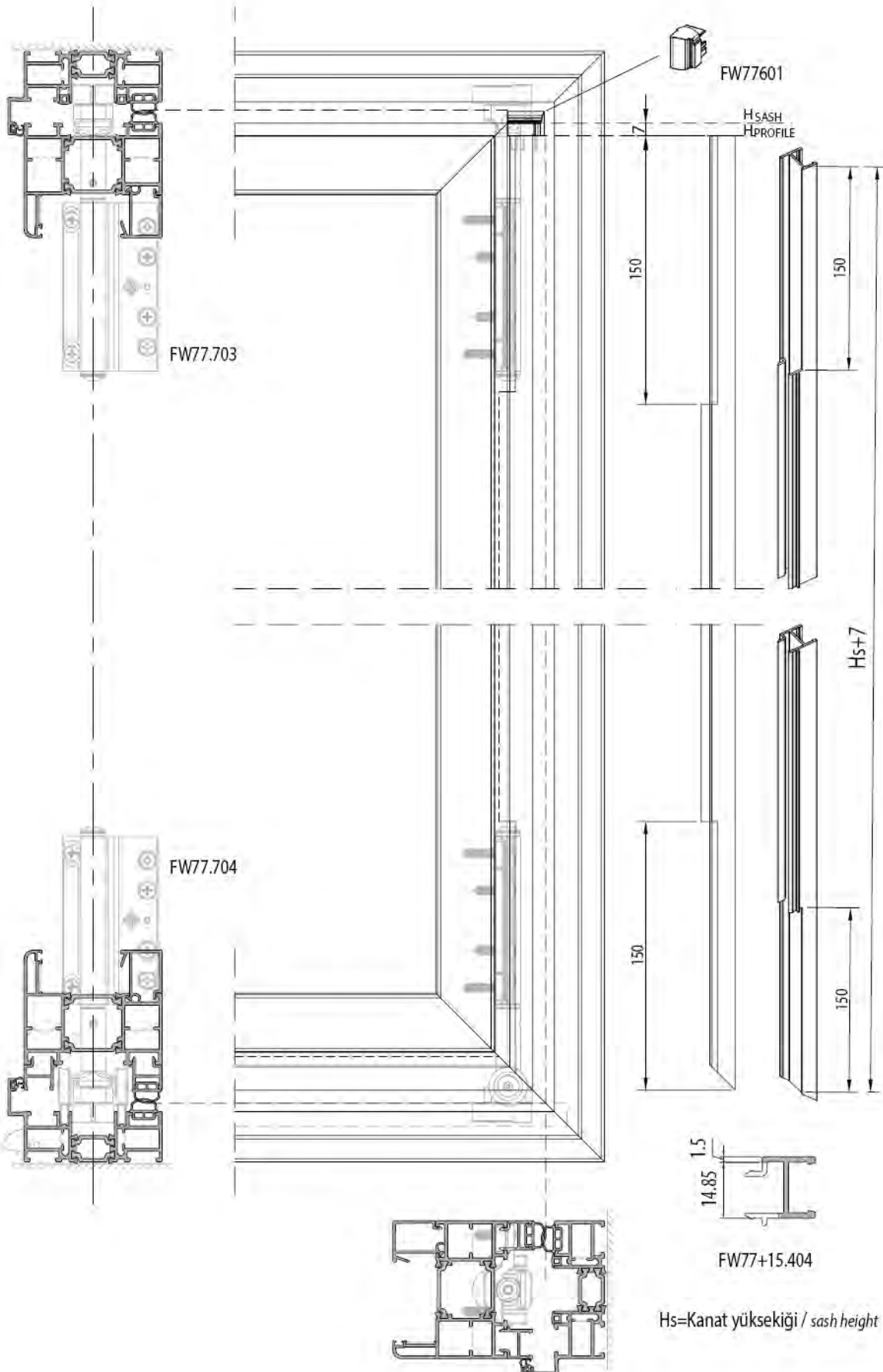


FW77601

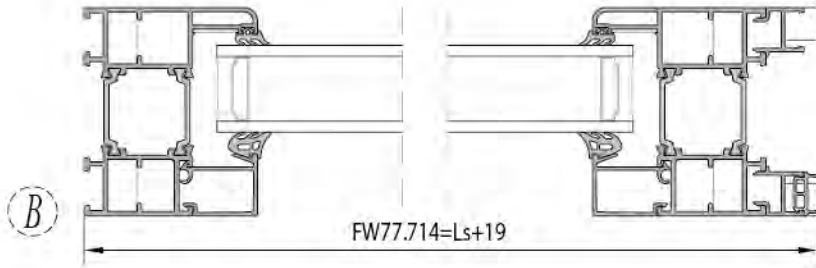
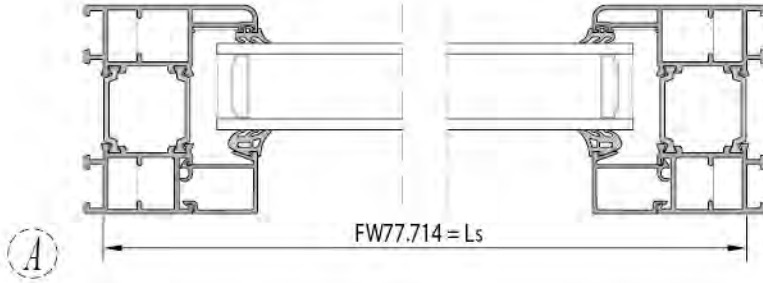


FW77+ YALITIMLI KATLANIR SİSTEM / INSULATED FOLDING SYSTEM

KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



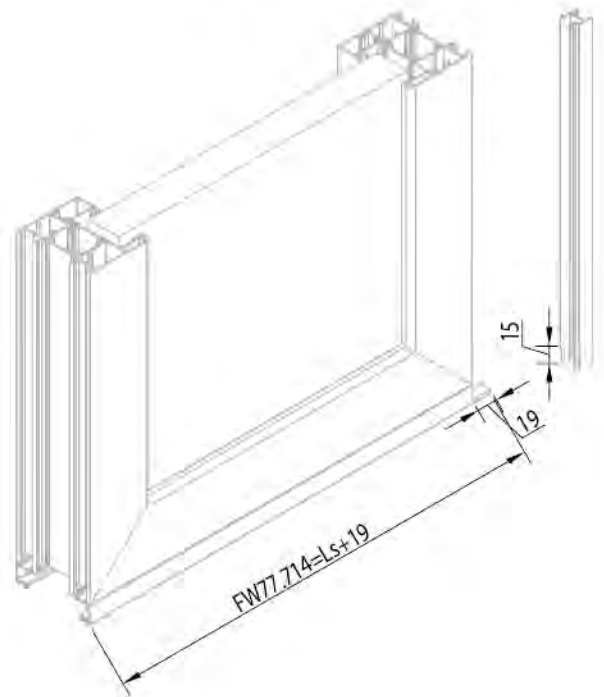
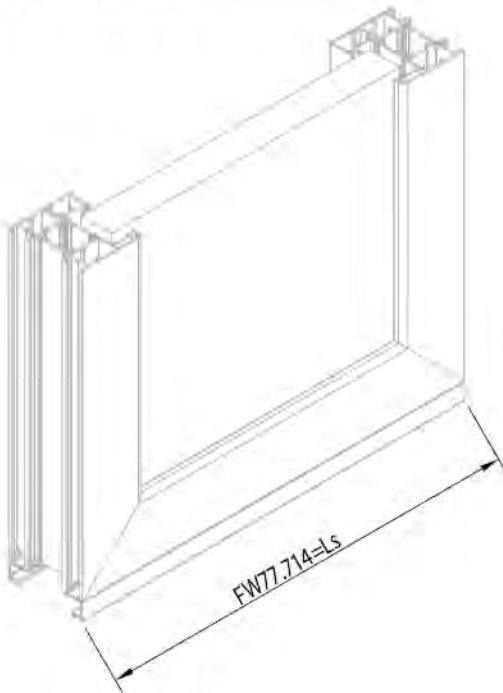
FW77+15.403

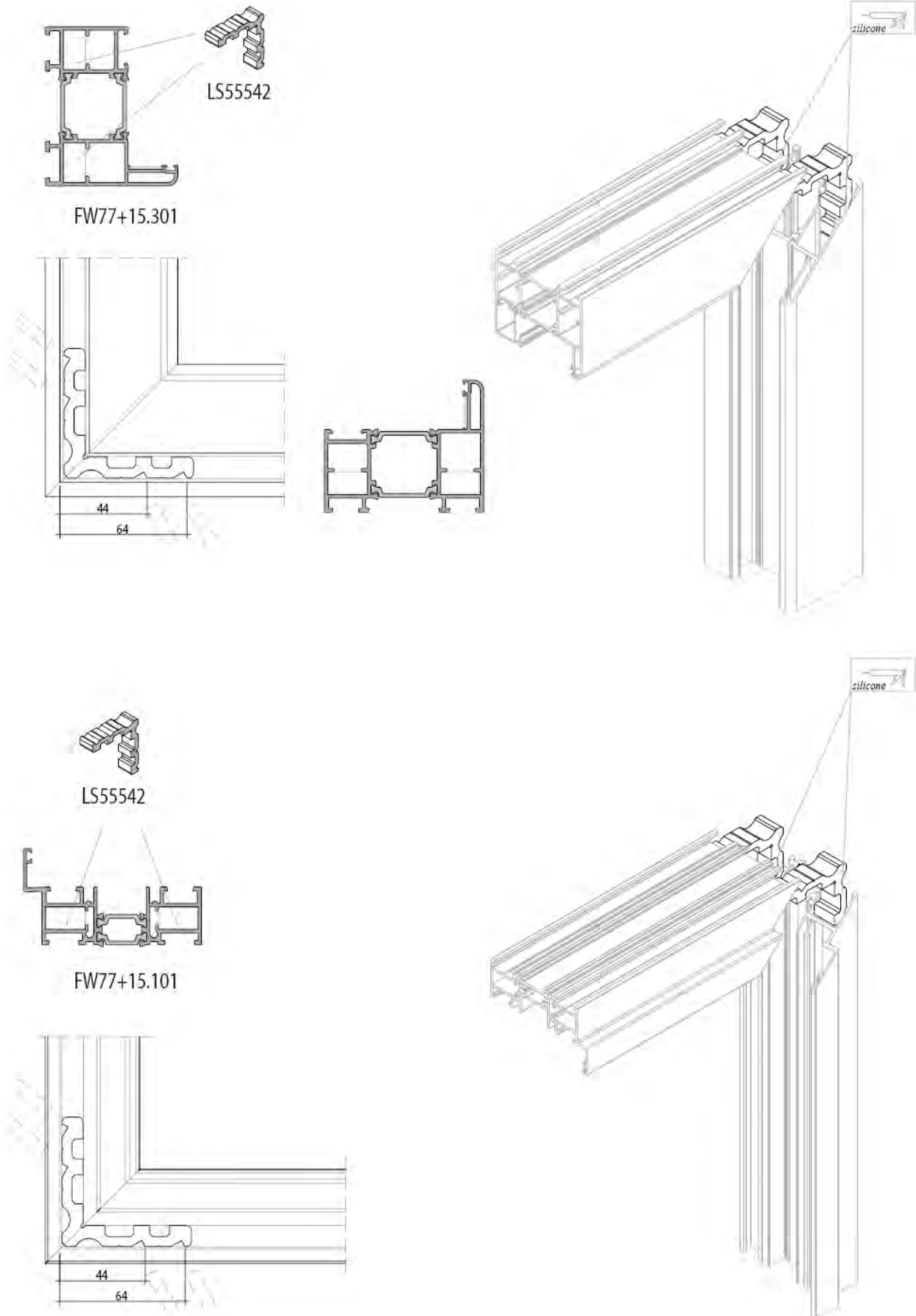


(A) Ls

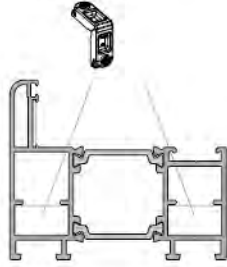
(B) Ls + 19

Ls = Kanat genişliği / sash width

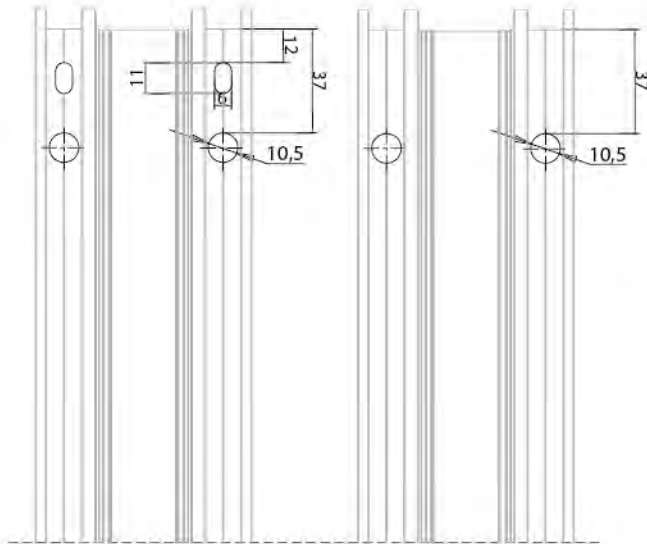
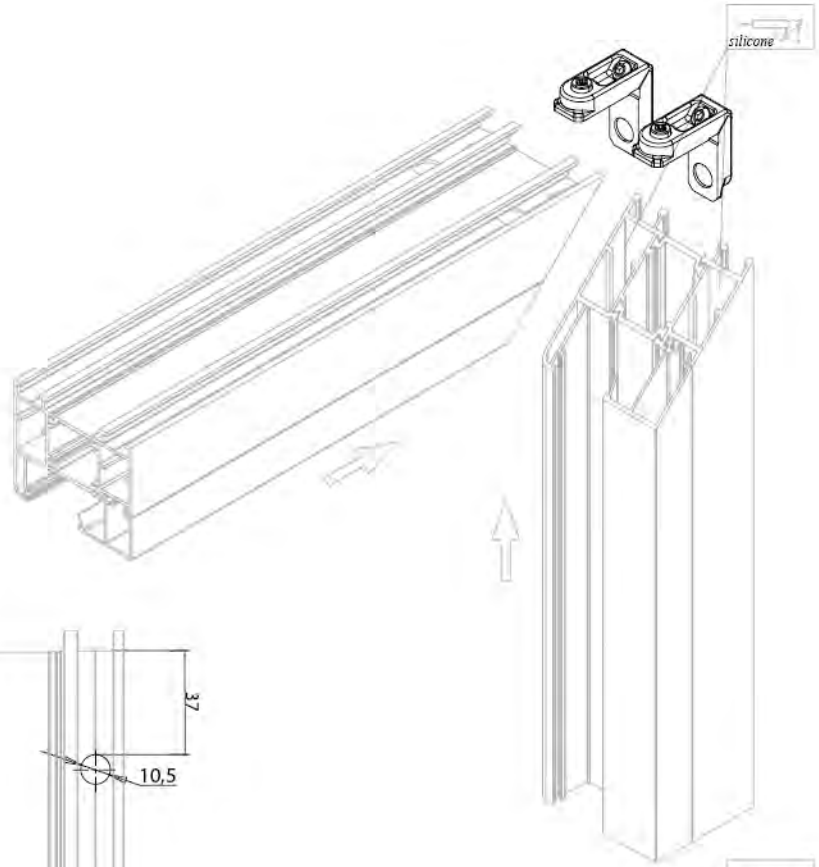




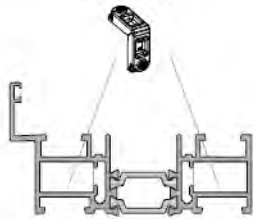
FW77608



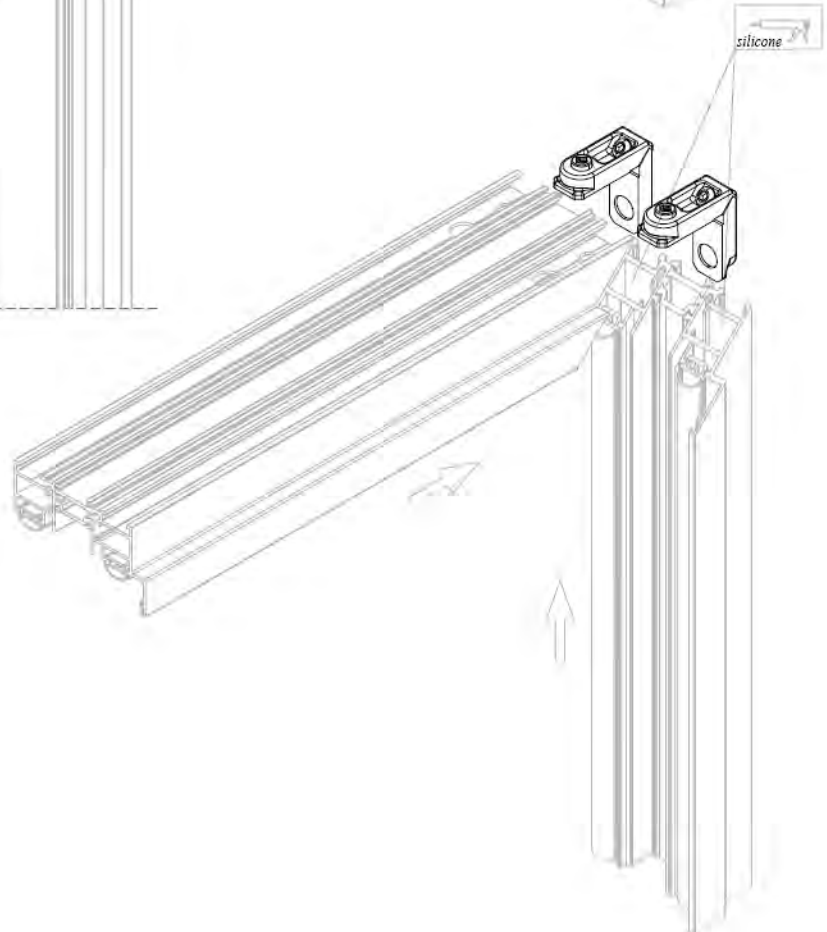
FW77+15.301

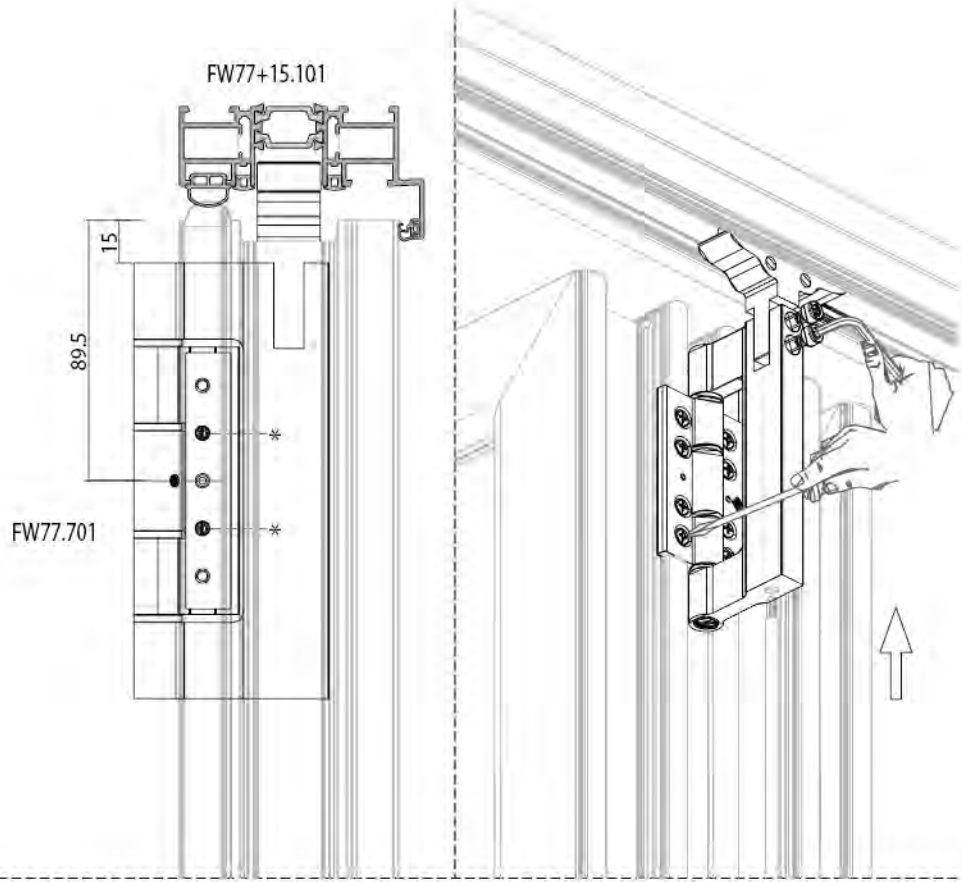


FW77608

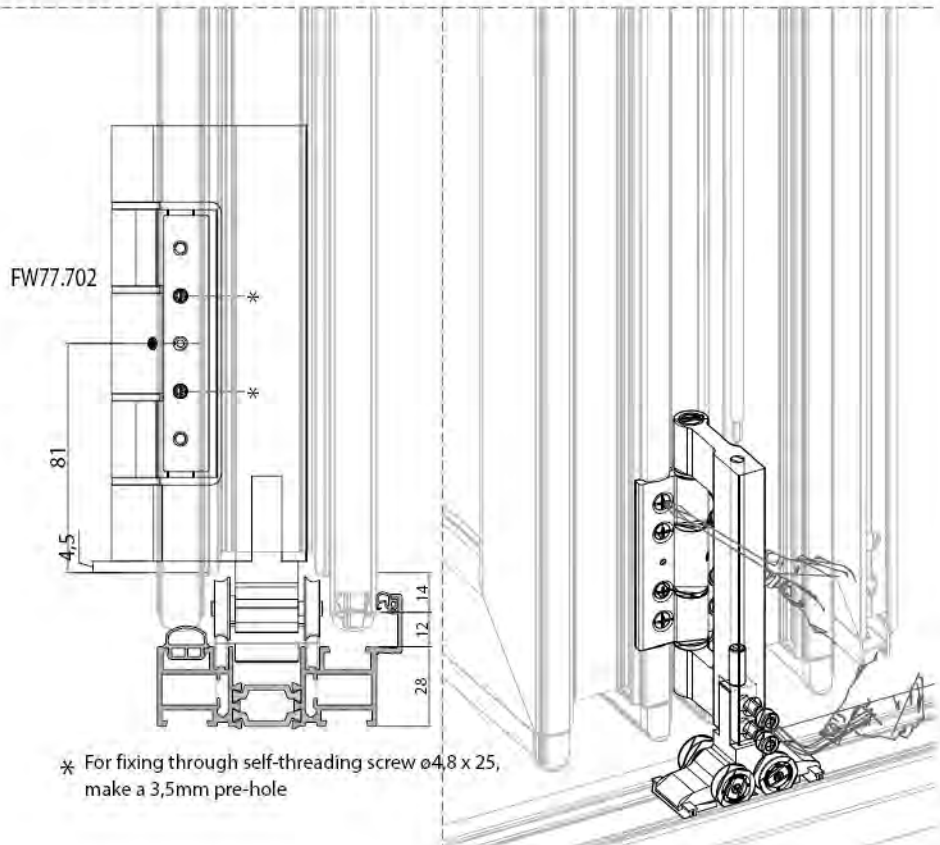


FW77+15.101

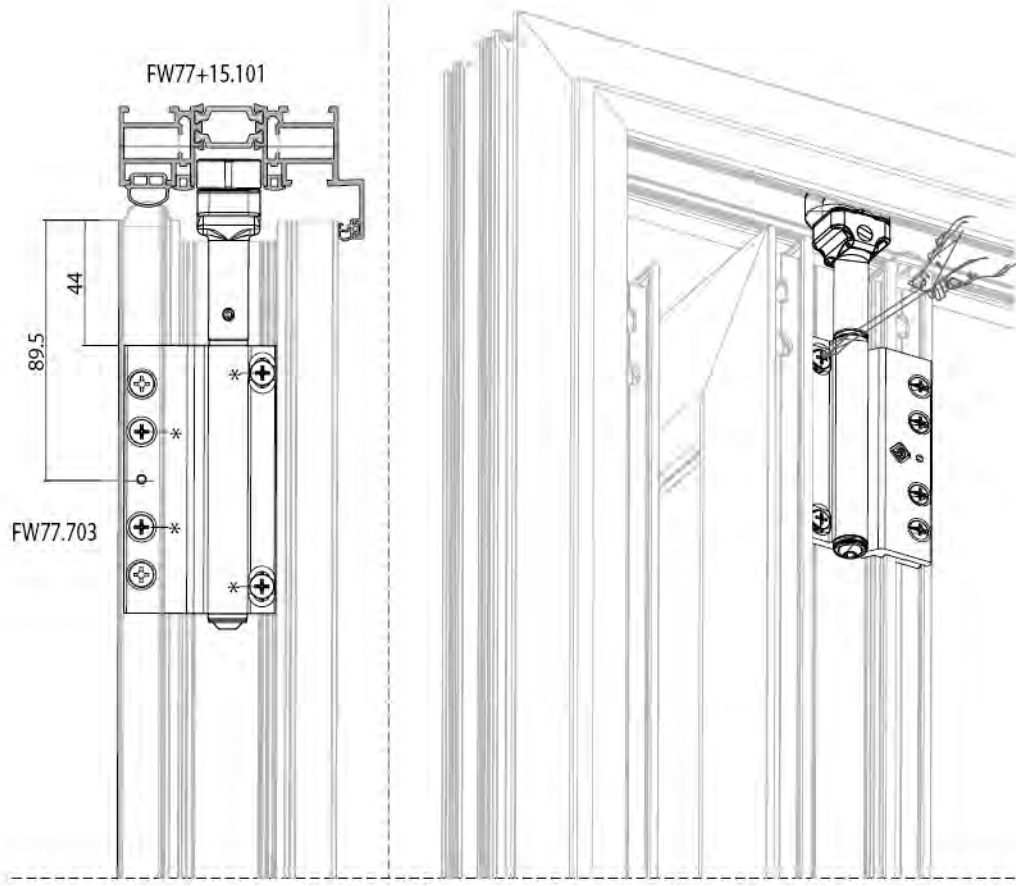




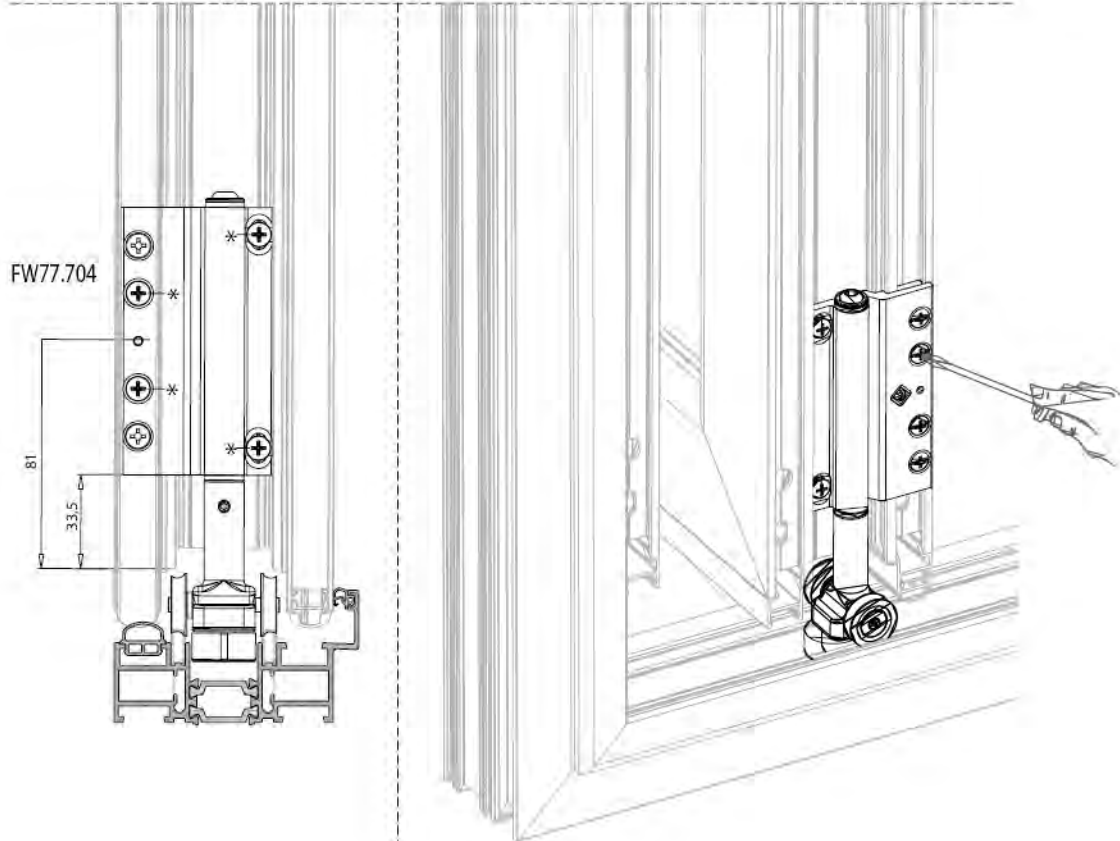
* $\varnothing 4,8 \times 25$ kendinden dış açan vida ile sabitlemek için 3,5 mm'lik bir ön delik açın
 For fixing through self-threading screw $\varnothing 4,8 \times 25$, make a 3,5 mm pre-hole

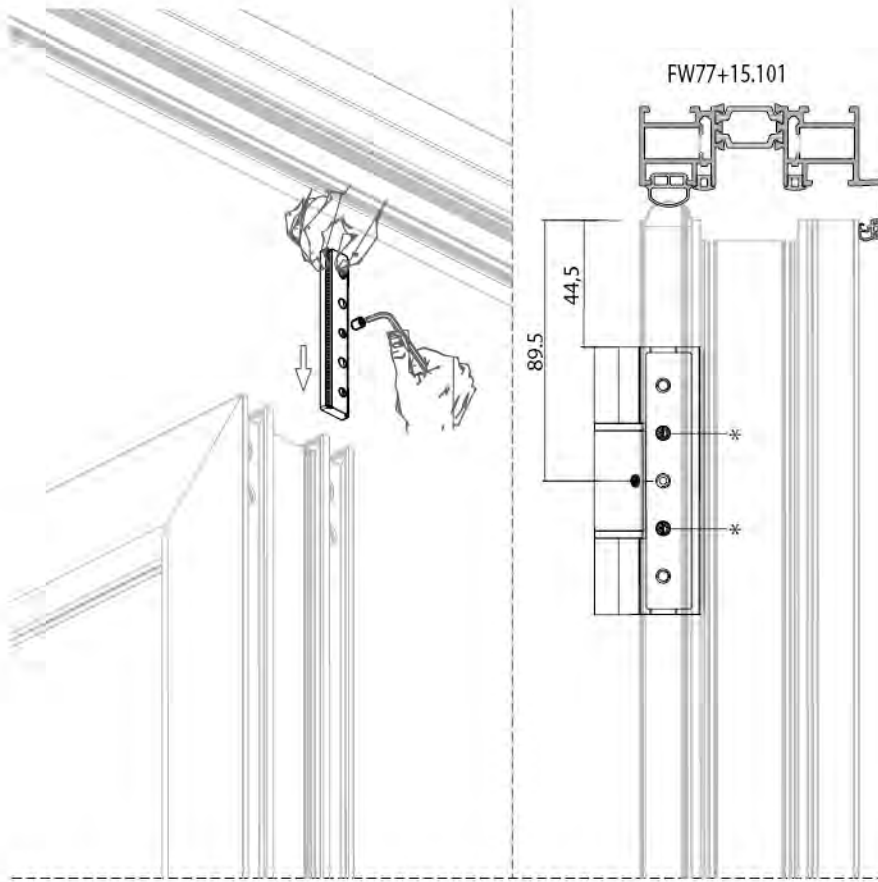


* For fixing through self-threading screw $\varnothing 4,8 \times 25$,
 make a 3,5mm pre-hole

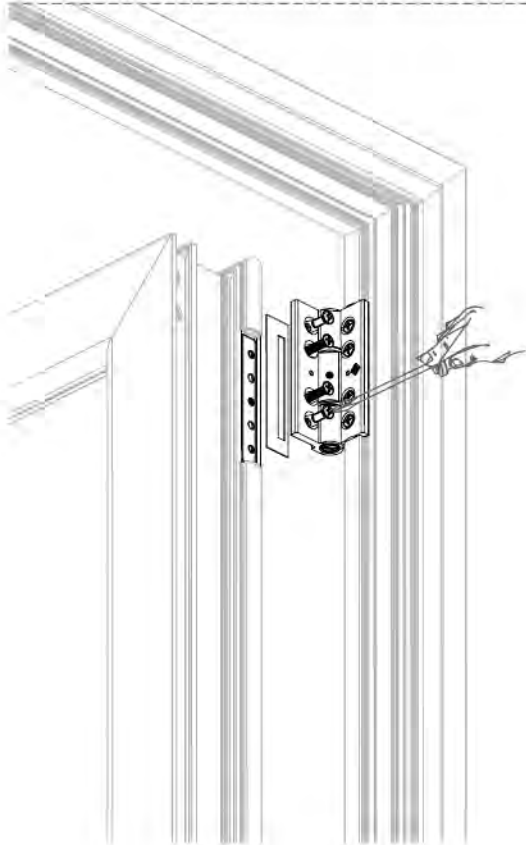


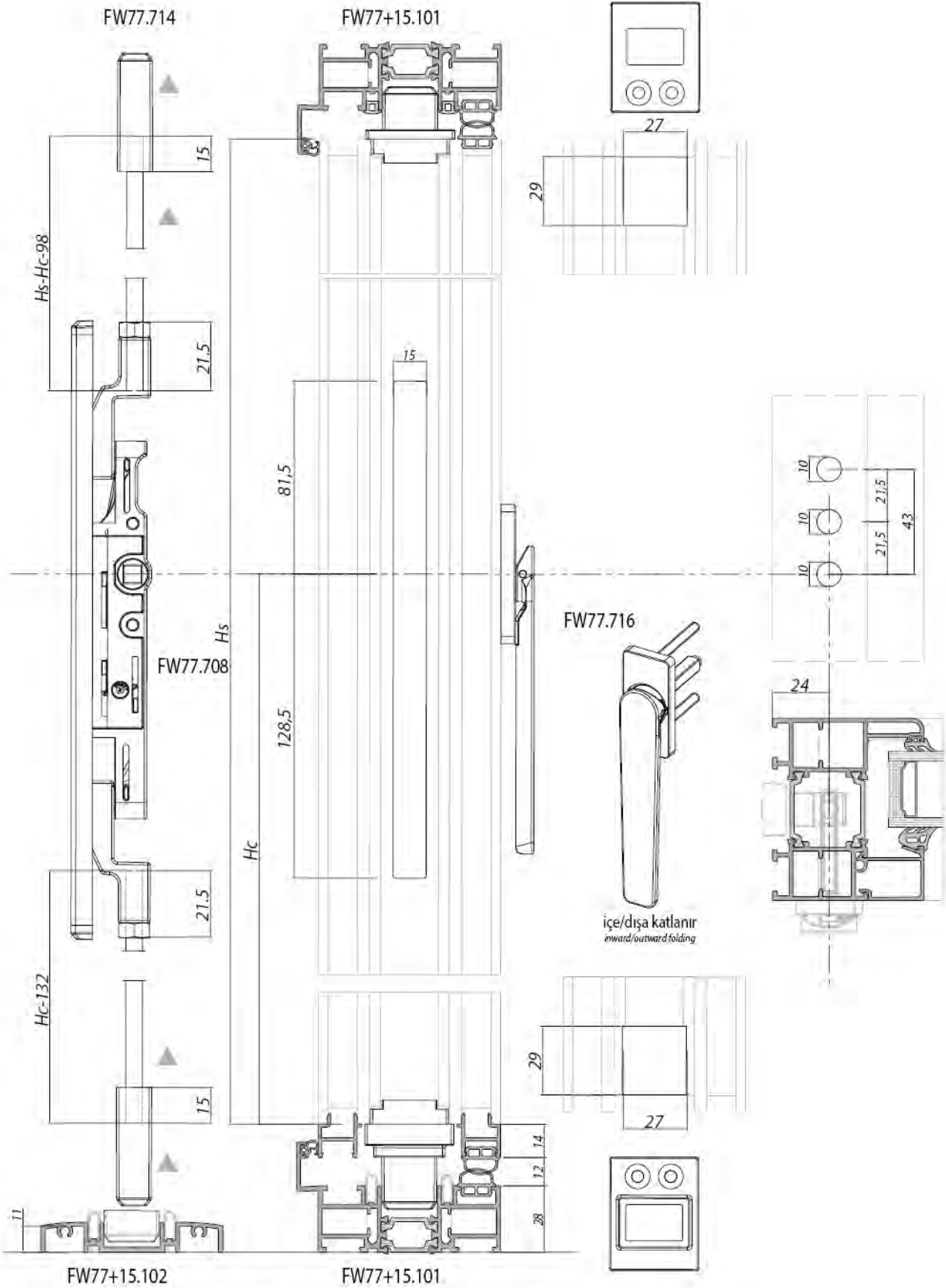
* $\varnothing 4,8 \times 25$ kendinden dış açan vida ile sabitlemek için 3,5 mm'lik bir ön delik açın
For fixing through self-threading screw $\varnothing 4,8 \times 25$, make a 3,5 mm pre-hole





* $\varnothing 4,8 \times 25$ kendinden dış açan vida ile sabitlemek için 3,5 mm'lik bir ön delik açın
For fixing through self-threading screw $\varnothing 4,8 \times 25$, make a 3,5 mm pre-hole

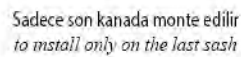


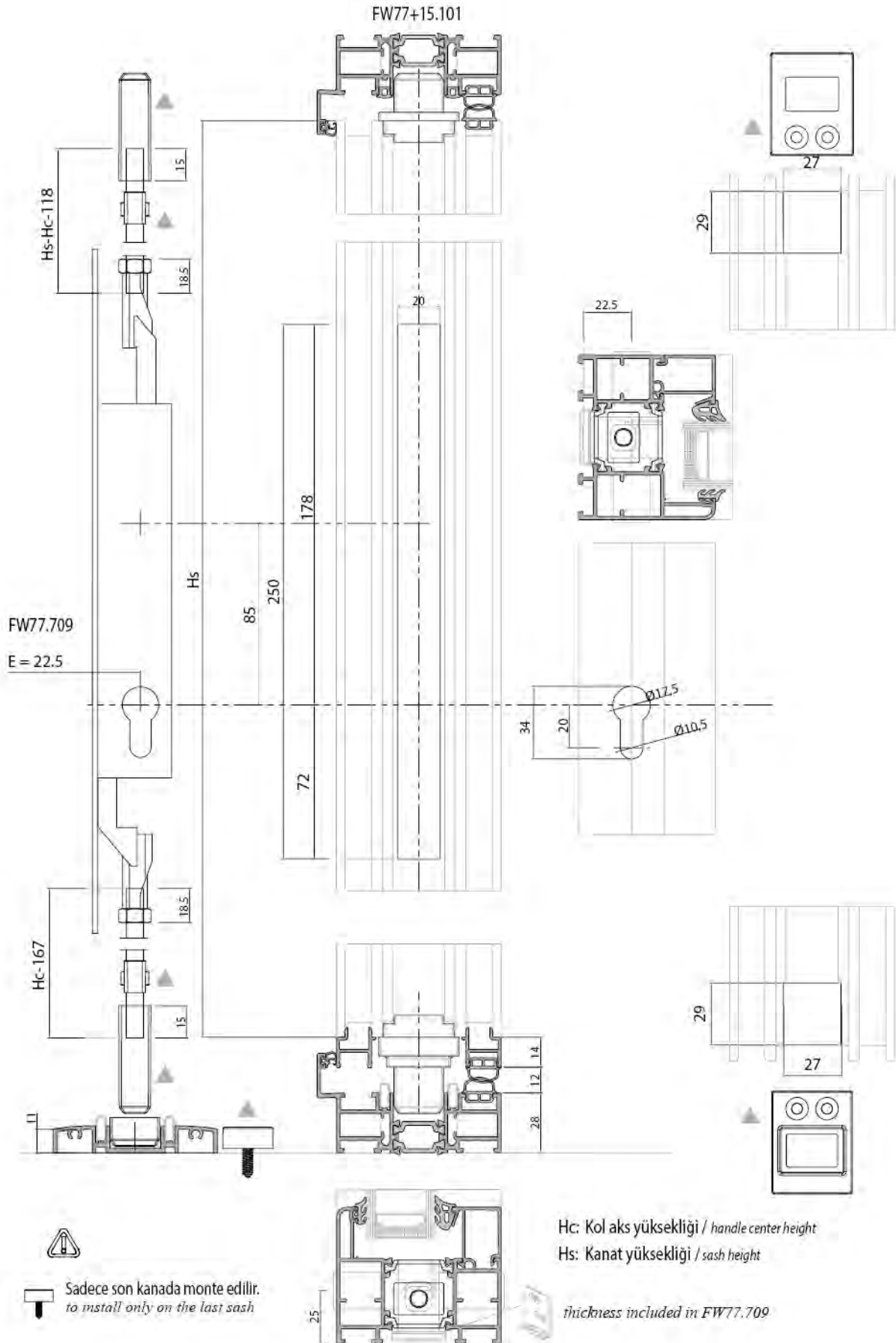


Hc: Kol aks yüksekliği / handle center height

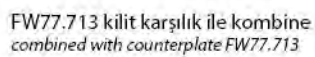
Hs: Kanat yüksekliği / sash height

KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS

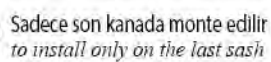


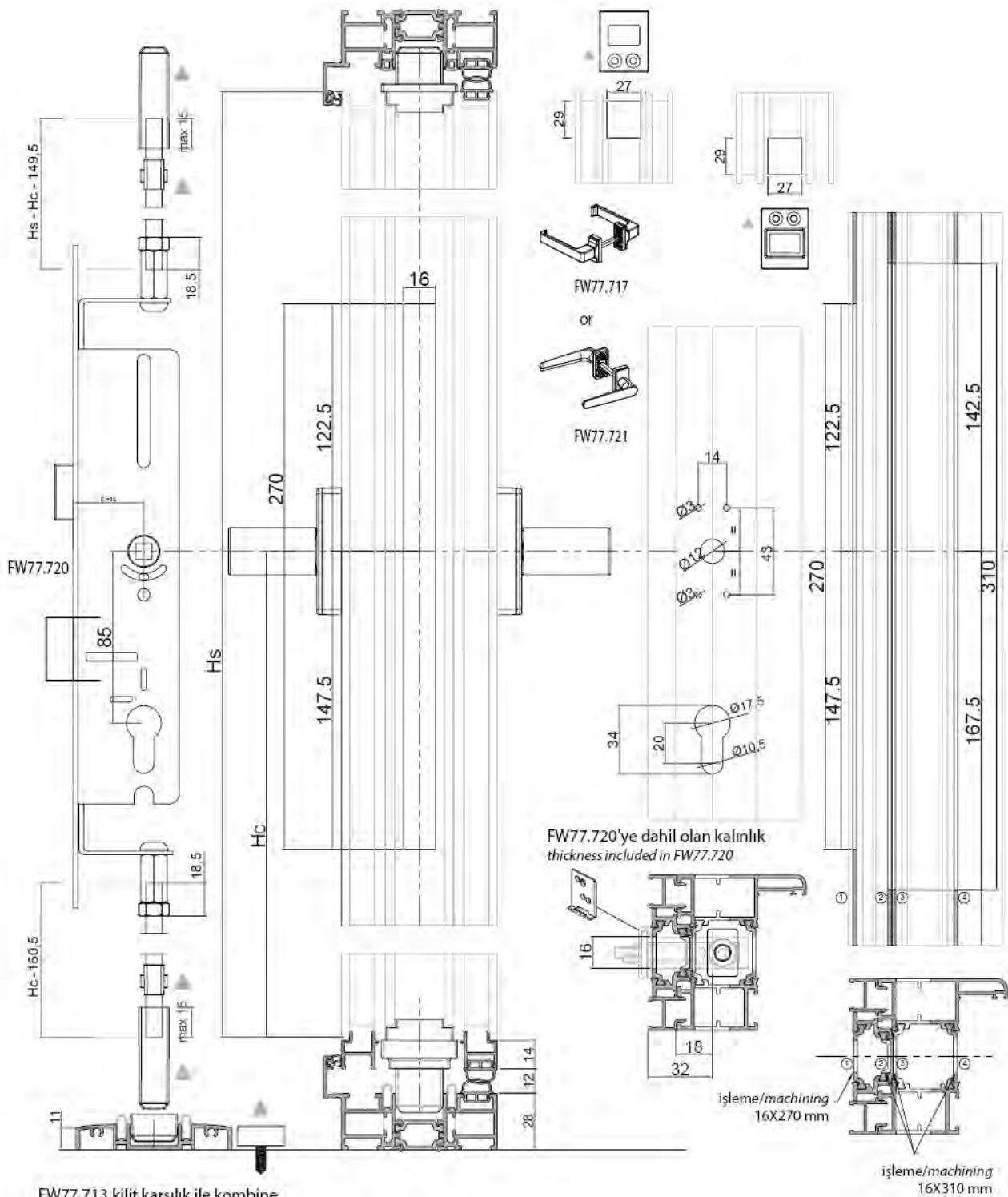


KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



Hs: Hs: Kanat yüksekliği / sash height



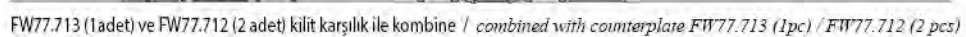


Hc: Hc: Kol aks yüksekliği / *handle center height*
Hs: Hs: Kanat yüksekliği / *sash height*

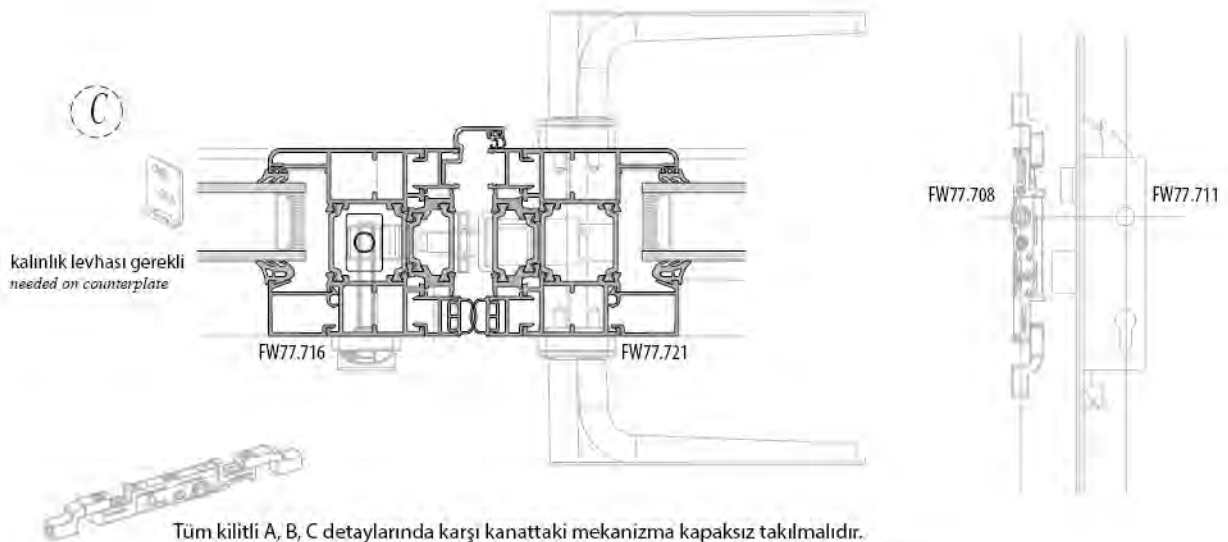
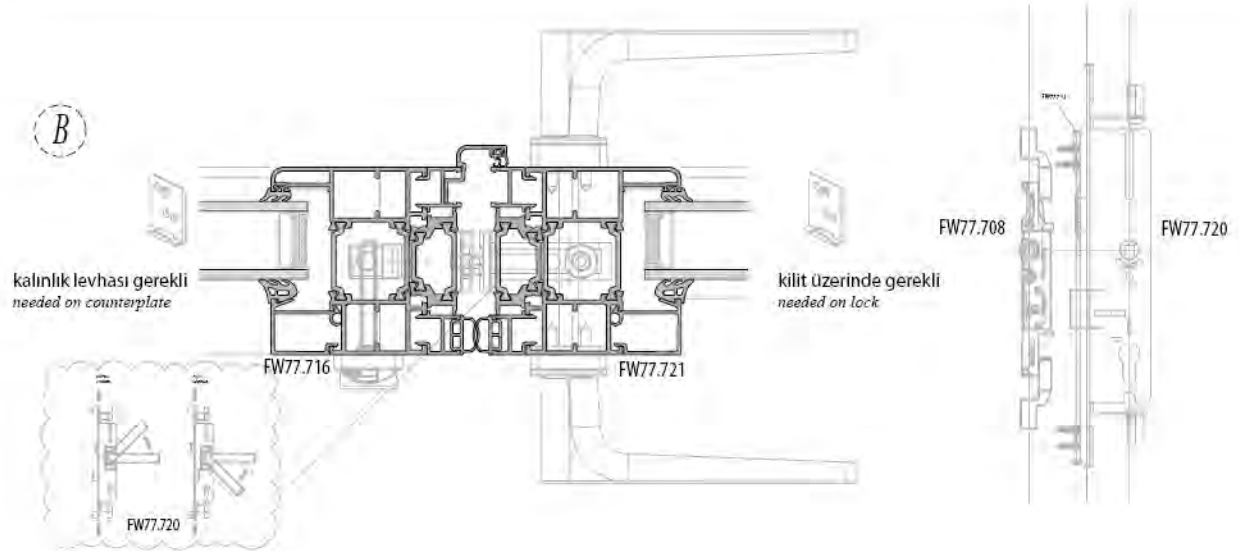
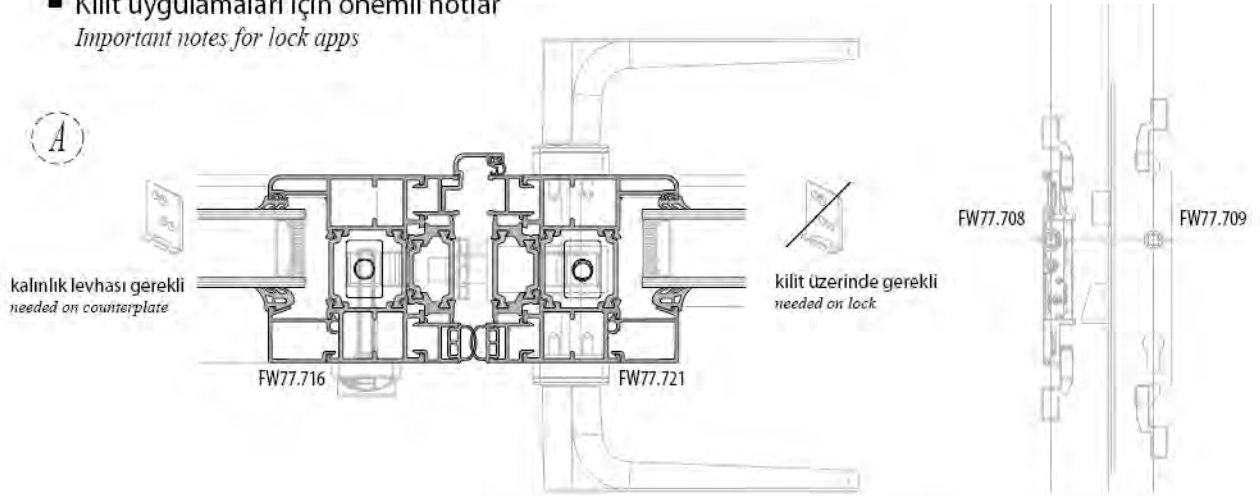


Sadece son kanada monte edilir
to install only on the last sash

KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



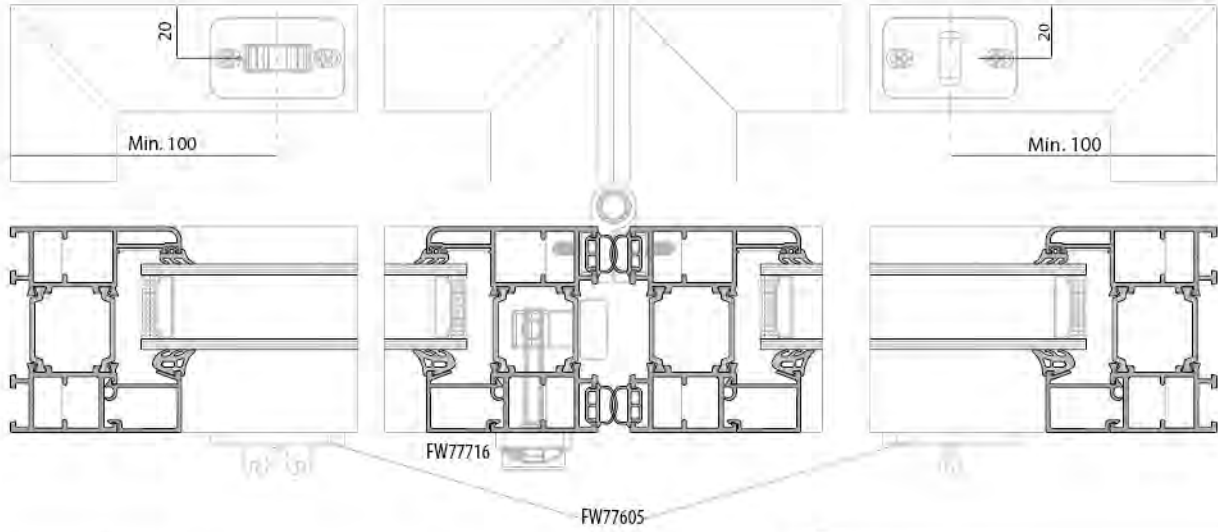
■ Kilit uygulamaları için önemli notlar
Important notes for lock apps



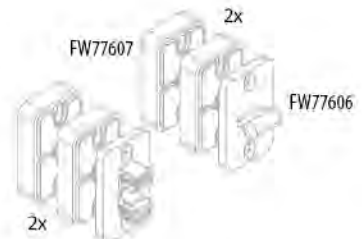
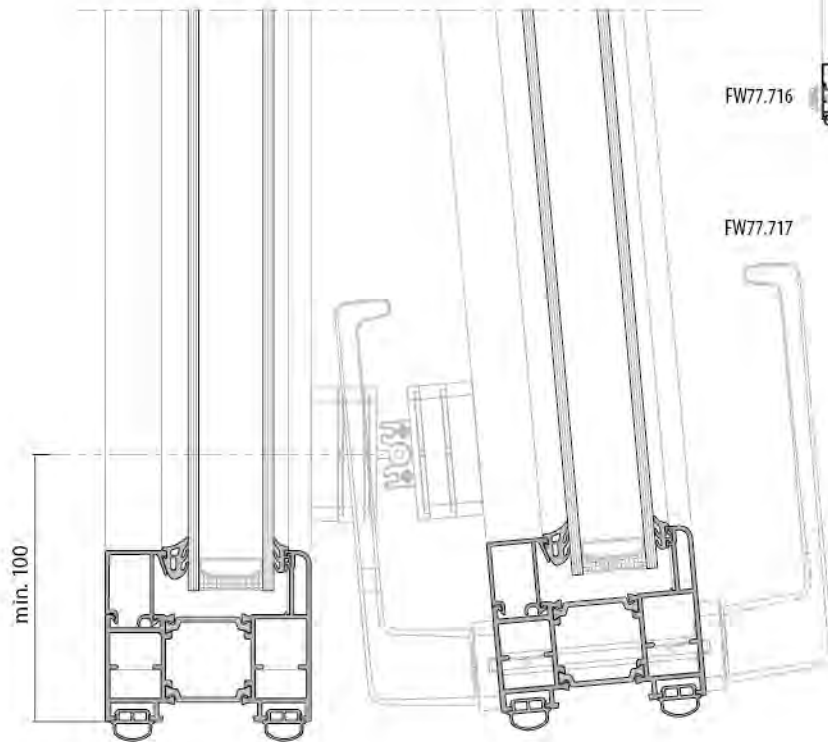
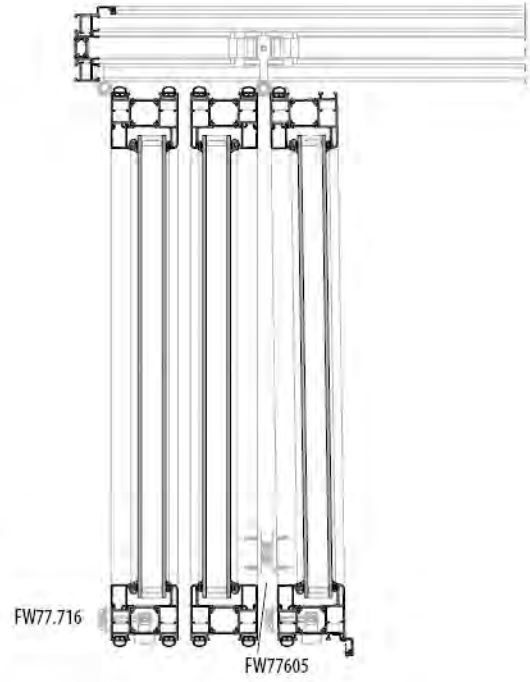
Tüm kilitli A, B, C detaylarında karşı kanattaki mekanizma kapaksız takılmalıdır.
In all locked A, B, C details, the mechanism on the opposite sash must be installed without the cover.

FW77+ YALITIMLI KATLANIR SİSTEM / INSULATED FOLDING SYSTEM

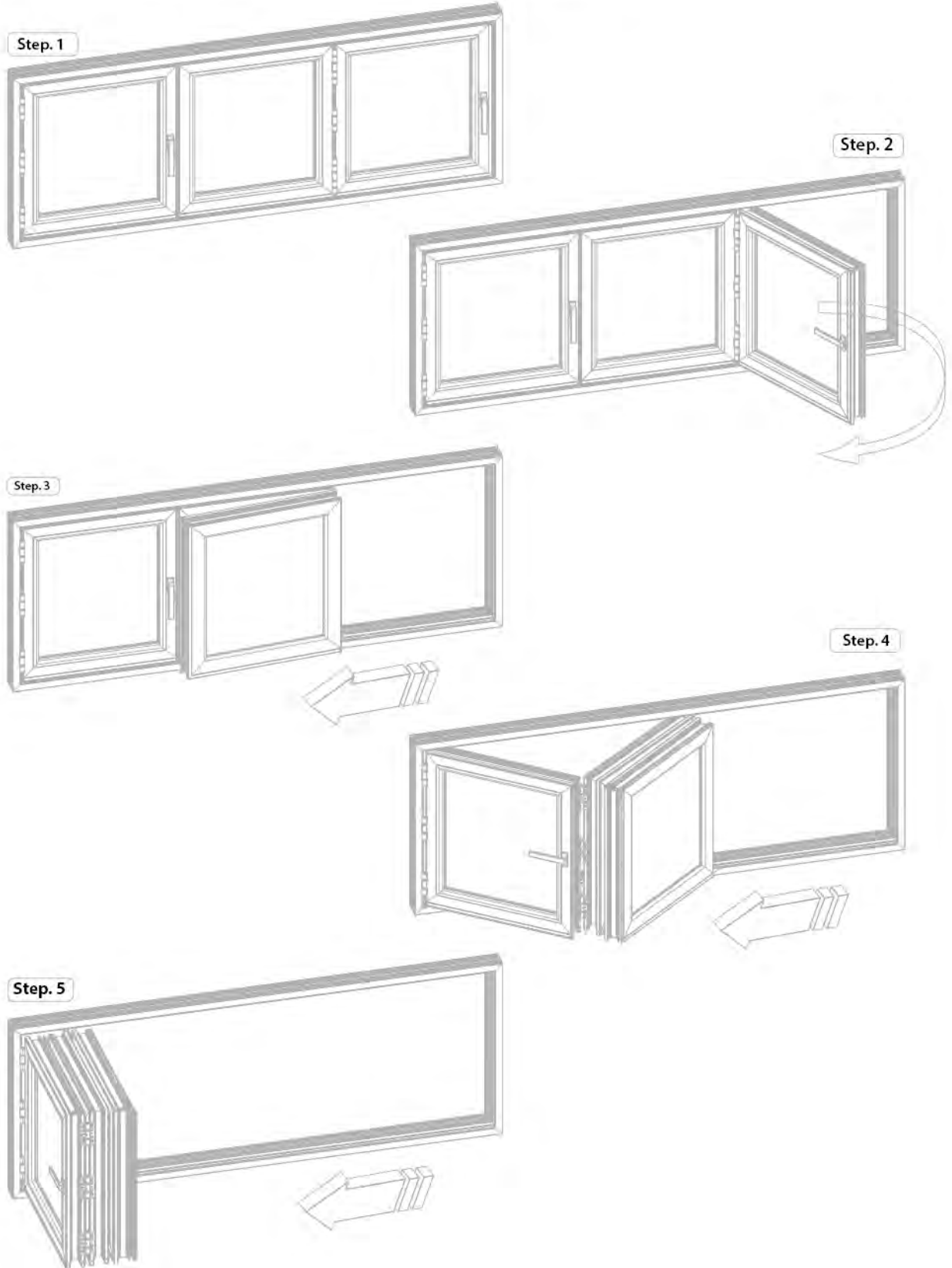
KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



	Kanat durdurucu Sash stopper		Kalınlık Thickness
	FW77.605	FW77.606	FW77.607
Kol ve Çift Kol Handle and Double Handle			
FW77.716	1 Pc		
FW77.717 FW77.721		1 Pc +	4 Pc

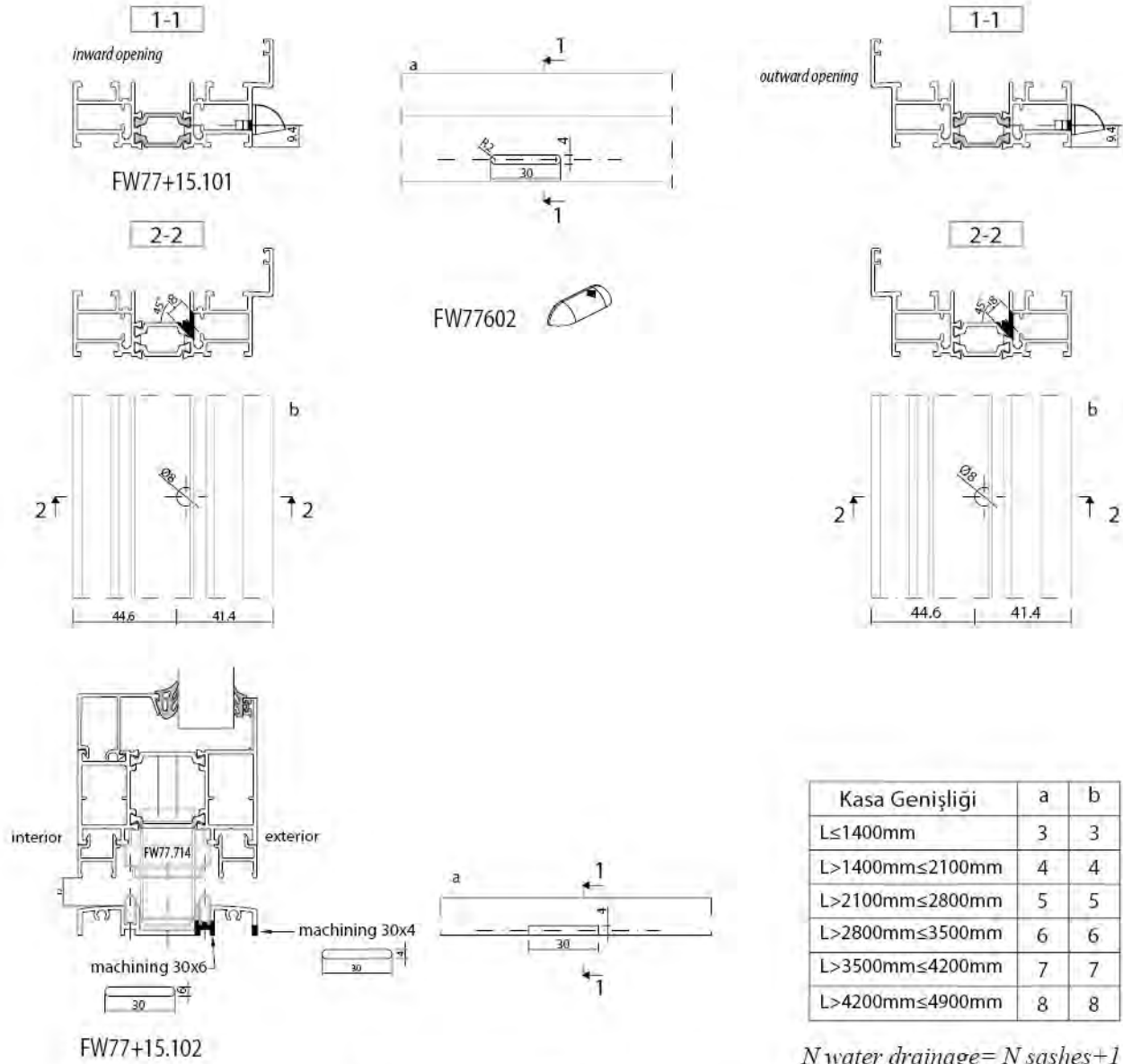


AÇMA / KAPAMA TALİMATLARI
OPENING / CLOSING INSTRUCTIONS

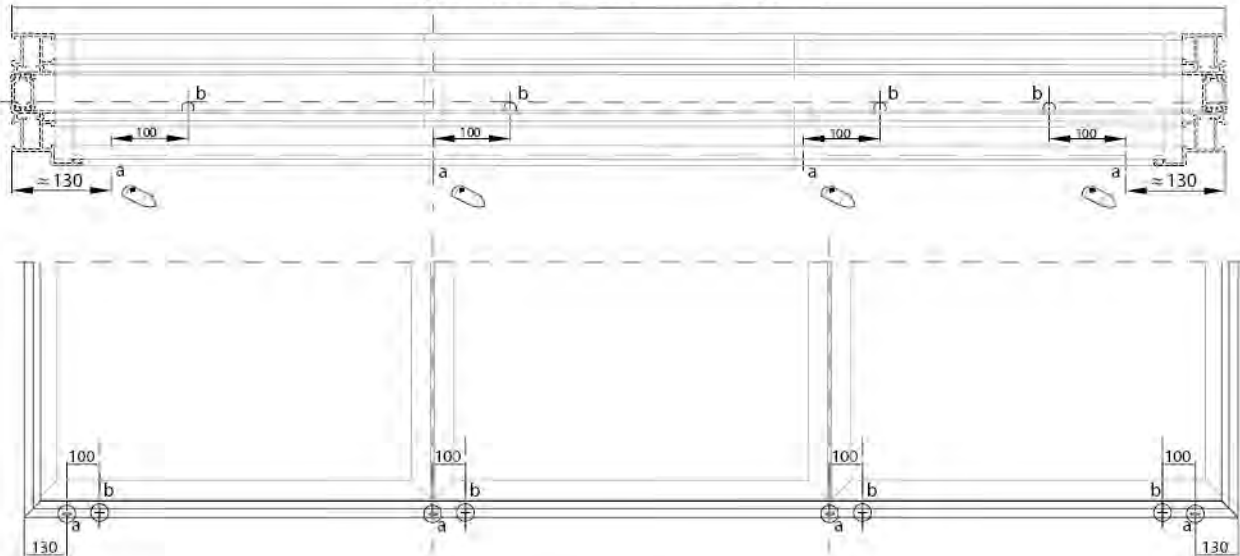


FW77+ YALITIMLI KATLANIR SİSTEM / INSULATED FOLDING SYSTEM

KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS



(Type 3 sash) $L > 1400\text{mm} \leq 2100\text{mm}$



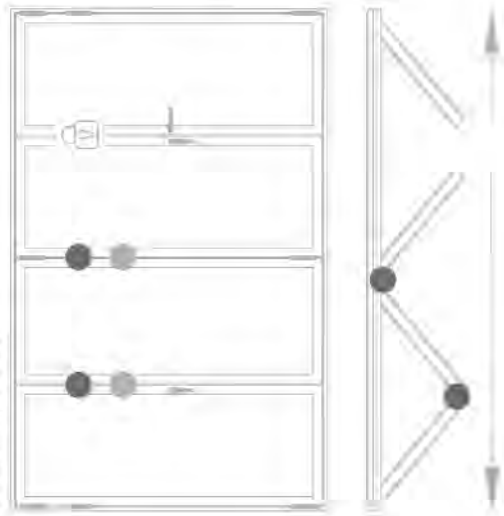
ANA TİPOLOJİLER İÇİN AKSESUAR LİSTESİ / LIST OF ACCESSORIES FOR MAIN TYPOLOGIES

KOD/İÇİ	TANIM / DESCRIPTION	2	2+1	2+2	3	3+1	3+2	3+3	3+4	4	4+1	4+2	4+3	5	5+1	5+2	6	6+1	7
FW77.701	ÇİFT KANAT ÜST RULMAN / DOUBLE SASH UPPER ROLLER	-	-	-	1	1	1	2	2	1	1	1	2	2	2	2	2	2	3
FW77.702	ÇİFT KANAT ALT RULMAN / DOUBLE SASH LOWER ROLLER	-	-	-	1	1	1	2	2	1	1	1	2	2	2	2	2	2	3
FW77.703	TEK KANAT ÜST RULMAN / SINGLE SASH UPPER ROLLER	1	1	2	-	-	-	1	1	1	1	2	1	-	-	1	1	1	-
FW77.704	TEK KANAT ALT RULMAN / SINGLE SASH LOWER ROLLER	1	1	2	-	-	-	1	1	1	1	2	1	-	-	1	1	1	-
FW77.705	YAPRAK MENTEŞE / LEAF HINGE İÇE KATLANIR / INWARD FOLDING DIŞA KATLANIR / OUTWARD FOLDING	6 5	9 8	12 10	7 6	10 9	13 11	14 12	17 14	10 8	13 11	16 13	17 14	11 9	14 12	17 14	14 11	17 14	15 12
FW77.706	İÇE KATLANIR İÇİN ÇEKME MENTEŞE / FOR FOLD IN PULLING HINGE	1	1	2	1	1	2	2	3	2	2	3	3	2	2	3	3	3	3
FW77.707	DIŞA KATLANIR İÇİN ÇEKME MENTEŞE / FOR FOLD OUT PULLING HINGE	1	1	2	1	1	2	2	3	2	2	3	3	2	2	3	3	3	3
FW77.718	EK ÜÇÜNCÜ KİLİTLEME NOKTASI / ADDITIONAL THIRD LOCKING POINT	1	1	2	2	2	3	4	5	3	3	4	5	4	4	5	5	5	6
FW77.601	VULKANİZE KÖŞE FITİLİ / VULCANIZED CORNER GASKET	4	6	8	6	8	10	12	14	8	10	12	14	10	12	14	12	14	14
FW77.608	KANAT VE KASA KÖŞE BAĞLANTI / SASH AND FRAME CORNER CONNECTION	24	32	40	32	40	48	56	64	40	48	56	64	48	56	64	56	64	64

* FW77.705 menteşe sayıları kanat yüksekliği 2200 mm, kanat ağırlığı ise 90 kg altındaki ölçüler için geçerlidir. Diğer durumlar için sonraki sayfada belirtilen notları dikkate alınız.
FW77.705 hinge numbers are valid for sash height less than 2200 mm and sash weight below 90 kg. For other cases take note of the notes on the next page.

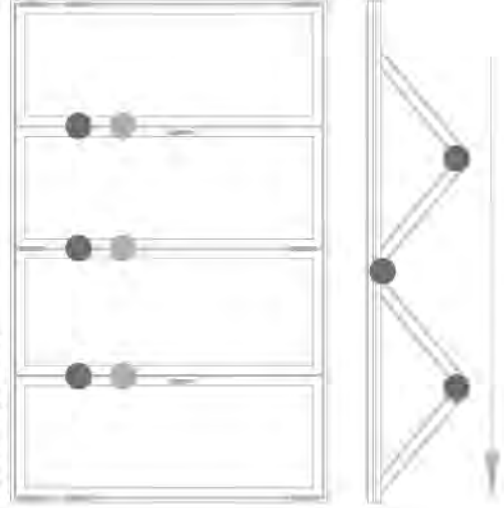
* FW77.718 ek üçüncü kilitleme sayısı Hkanat < 2200 mm ölçüler için geçerlidir. 2200 mm ≤ H, kanat ölçüleri için tabloda verilen adet sayısının 2 katını alınız.
Additional third locking number FW77.718 is valid for H sash < 2200 mm dimensions. For sash dimensions of 2200 mm ≤ H, take twice the number of pieces given in the table.

For example; 3+1

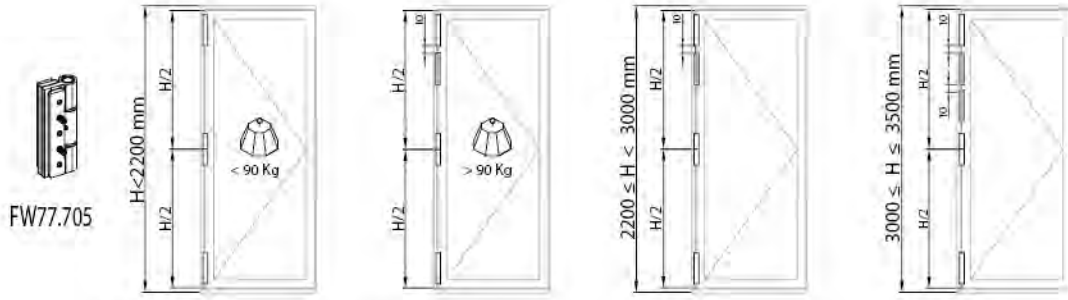


FW77.718
2+2 pcs

For example; 4+0



FW77.718
3+3 pcs

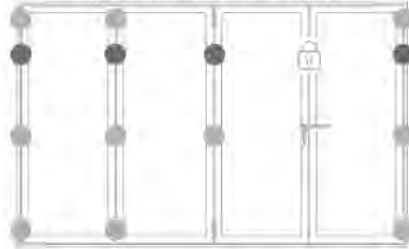


- 90 kg/kanat üzerindeki ağırlıklar için bir menteşe ekleyin.
Add one central hinge for load more than 90 Kg/sash
- 2200 mm den büyük ölçüler için bir menteşe ekleyin.
Add one hinge for dimension more than 2200mm
- Hem 2200 mm den büyük hem de 90 kg/kanat üzerindeki ölçüler için bir menteşe ekleyin.
Add a hinge for both sizes over 2200 mm and over 90 kg/wing
- 3000 mm den büyük ölçüler için iki menteşe ekleyin
Add two hinges for dimension more than 3000mm

For example; 3+1

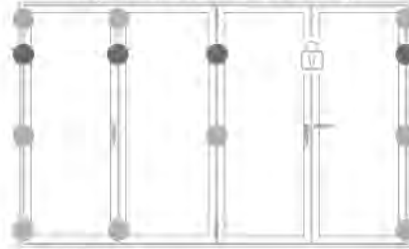


içe katlanır / inward folding

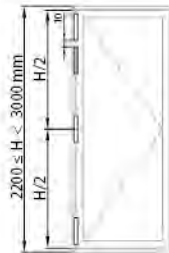


FW77.705
10+4 pcs

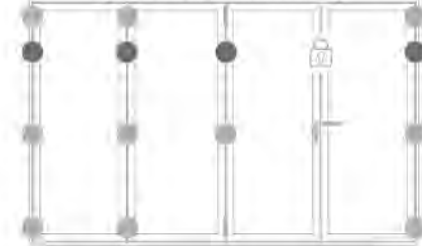
dışa katlanır / outward folding



FW77.705
9+4 pcs

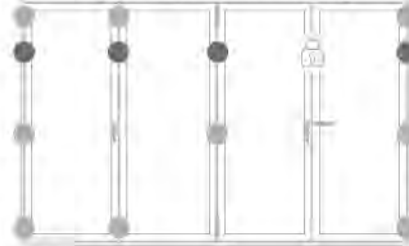


içe katlanır / inward folding

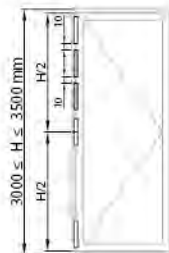


FW77.705
10+4 pcs

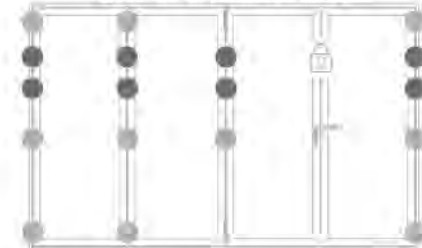
dışa katlanır / outward folding



FW77.705
9+4 pcs

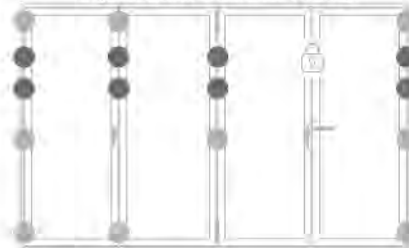


içe katlanır / inward folding



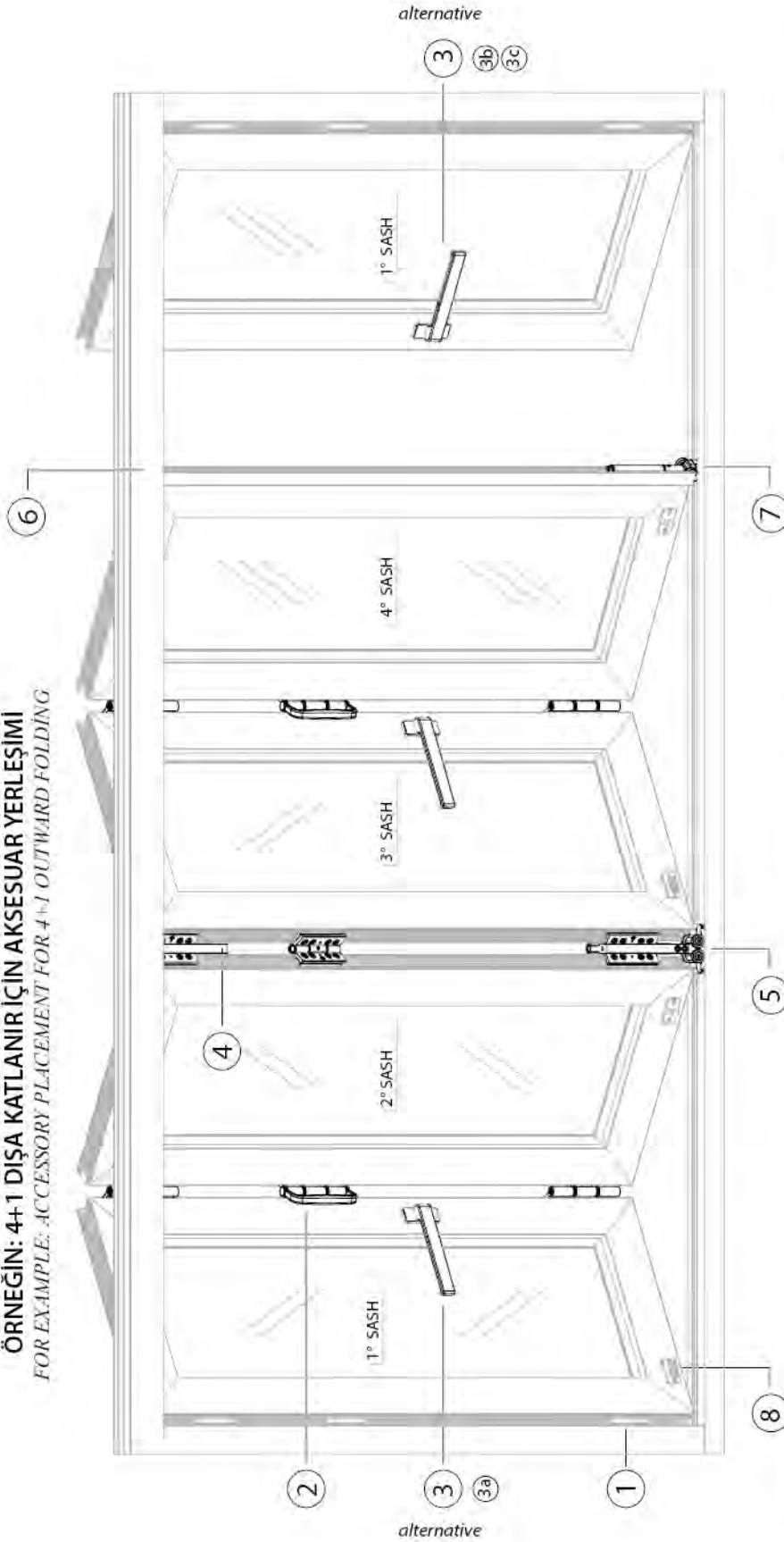
FW77.705
10+8 pcs

dışa katlanır / outward folding



FW77.705
9+8 pcs

ÖRNEĞİN: 4+1 DIŞA KATLANIR İÇİN AKSESUAR YERLEŞİMİ
FOR EXAMPLE: ACCESSORY PLACEMENT FOR 4+1 OUTWARD FOLDING



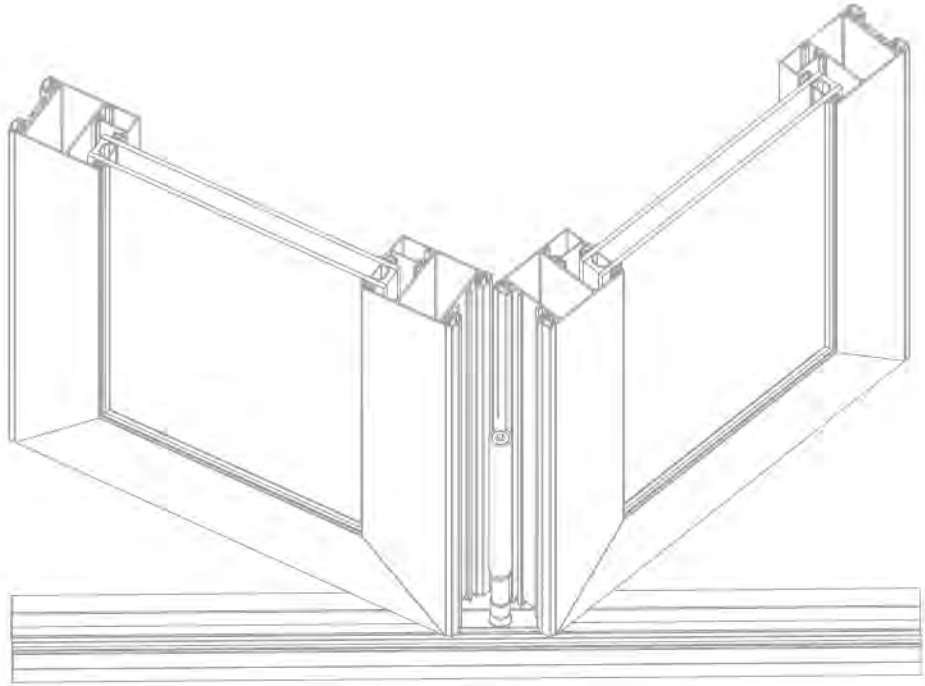
6		FW77.703 Tek Kanat Üst Rulman Single sash upper roller
7		FW77.704 Tek Kanat Alt Rulman Single sash lower roller
8		FW77.605 Kanat durdurucu Sash stopper

3C		FW77.717 Çift Taraflı Kapı Kolu / Double sash door handle FW77.711 Çok Noktalı Kilit / Multipoint lock FW77.712 Kilit Karşılığı / Counterpart for lock FW77.713 Kilit Karşılığı / Counterpart for lock
4		FW77.701 Çift Kanat Üst Rulman Double sash upper roller
5		FW77.702 Çift Kanat Alt Rulman Double sash lower roller

3a		FW77.709 İki yönlü kilitli mekanizma Two-way locking mechanism FW77.714 Dış yönlü zincir çubuğu ve bar için kilit External rod / Chain rod and bar for lock
3b		FW77.717 Çift taraflı kapı kolu Double sash handle FW77.710 İki yönlü kilitli mekanizma Two-way locking mechanism FW77.714 Dış yönlü zincir çubuğu ve bar için kilit External rod / Chain rod and bar for lock

1		FW77.705 Yaprak Menteşe Leaf hinge
2		FW77.707 Diğer katlanır için çelme menteşe Sash roller FW77.716 Kapı Kolu / Door handle FW77.708 İki yönlü mekanizma / Two-way mechanism FW77.714 Dış yönlü zincir çubuğu ve bar için kilit External rod / Chain rod and bar for lock
3		

FW60



KATLANIR SİSTEM FOLDING SYSTEM	FW60	KASA	FRAME	100	FW60.15.101
		ORTA KAYIT	MULLION	200	
		KANAT	SASH	300	
		ADAPTÖR, BAĞL. PR	ADAPTER	400	
		EPDM GRUP	EPDM GROUP	500	
		PVC GRUP	PVC GROUP	600	
		AÇILIM GRUP	OPENING GROUP	700	
		SİSTEM	GRUP	PR NO	

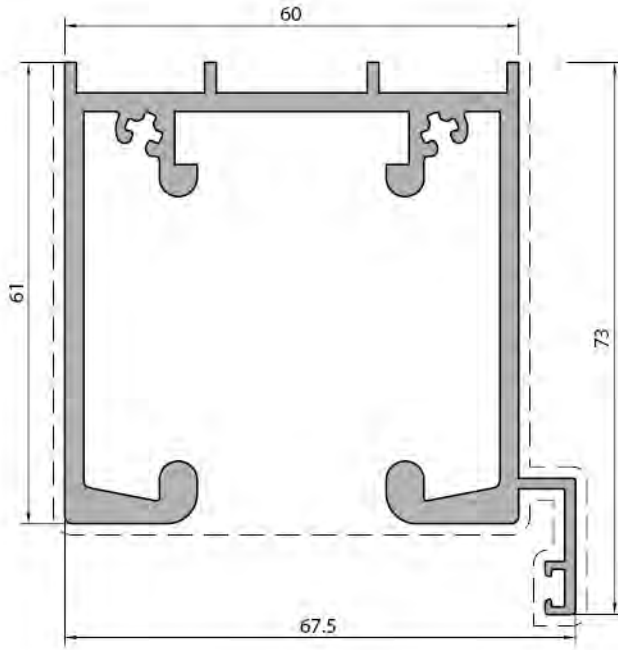
PROFİL ET KALINLIĞI	PROFILE THICKNESS	1.5-2.5 mm
KASA YÜKSEKLİĞİ	FRAME HEIGHT	60 mm
KANAT YÜKSEKLİĞİ	SASH HEIGHT	60 mm
CAM KALINLIĞI	GLASS THICKNESS	4-36 mm

ALAŞIM ÖZELLİKLERİ
ALLOY PROPERTIES

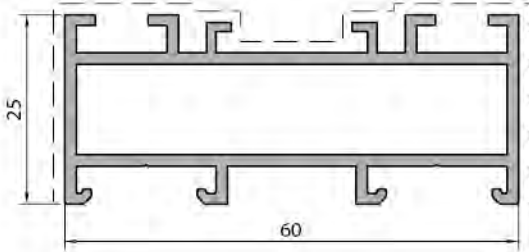
EN AW 6060 (AlMgSi0,5 F22)
EN AW 6063 (AlMg0,7Si F22)

ÜRETİM VE MEKANİK STANDARTLAR
PRODUCTION AND MECHANICAL STANDARDS

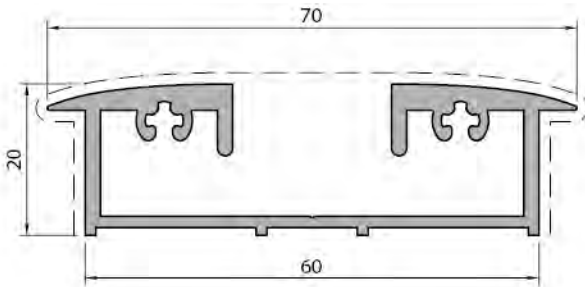
EN 12020-2 EN 755-9 EN 755-2



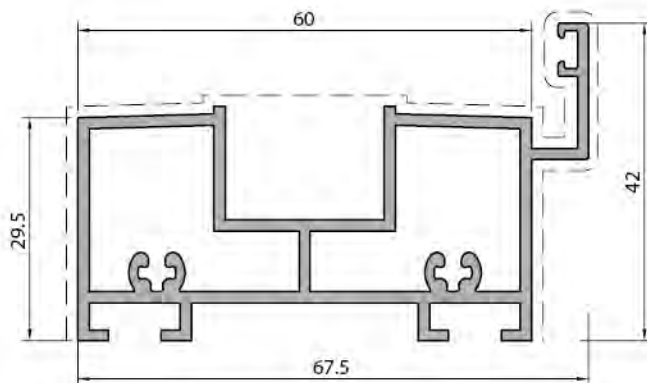
Kasa Profili Frame profile	
FW60.15.101	
Weight : 1,790 kg/m	
$I_x : 44,66 \text{ cm}^4$	$W_x : 12,58 \text{ cm}^3$
$I_y : 34,44 \text{ cm}^4$	$W_y : 8,14 \text{ cm}^3$



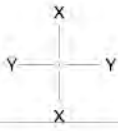
Kasa Profili Frame profile	
FW60.15.102	
Weight : 0,822 kg/m	
$I_x : 12,83 \text{ cm}^4$	$W_x : 4,27 \text{ cm}^3$
$I_y : 1,85 \text{ cm}^4$	$W_y : 1,48 \text{ cm}^3$



Eşiksiz Kasa Profili Non threshold frame profile	
FW60.15.103	
Weight : 0,900 kg/m	
$I_x : 15,20 \text{ cm}^4$	$W_x : 4,34 \text{ cm}^3$
$I_y : 1,64 \text{ cm}^4$	$W_y : 1,46 \text{ cm}^3$

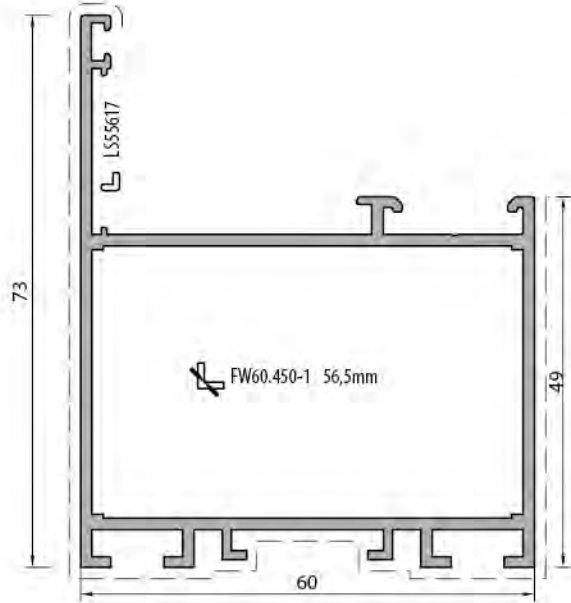


Kasa Profili Frame profile	
FW60.15.104	
Weight : 1,150 kg/m	
$I_x : 20,43 \text{ cm}^4$	$W_x : 5,99 \text{ cm}^3$
$I_y : 4,42 \text{ cm}^4$	$W_y : 1,68 \text{ cm}^3$

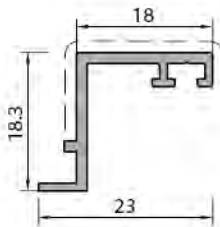


FW60 KATLANIR SİSTEM / FOLDING SYSTEM

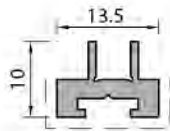
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES



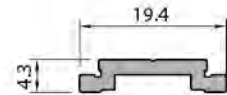
Kanat Profili Sash profile	
FW60.15.301	
Weight : 1,147 kg/m	
$I_x : 24,25 \text{ cm}^4$	$W_x : 7,63 \text{ cm}^3$
$I_y : 15,79 \text{ cm}^4$	$W_y : 3,43 \text{ cm}^3$



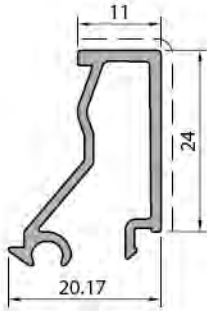
Kanat Adaptör Profili Sash adapter profile
FW60.15.401
Weight : 0,176 kg/m



Kanat Adaptör Profili Sash adapter profile
FW60.15.402
Weight : 0,160 kg/m



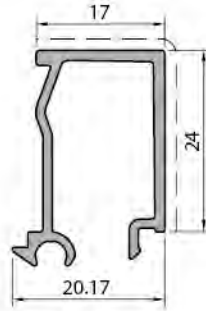
Tij Profili Rod profile
W55+15.434
Weight : 0,130 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55431

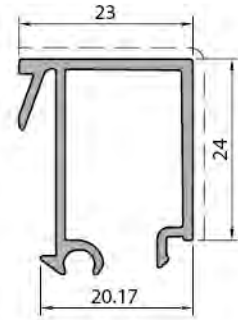
Weight : 0,282 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55432

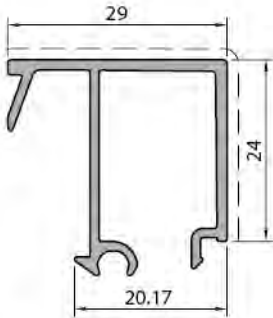
Weight : 0,294 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55433

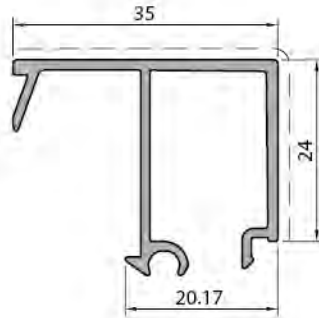
Weight : 0,341 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55434

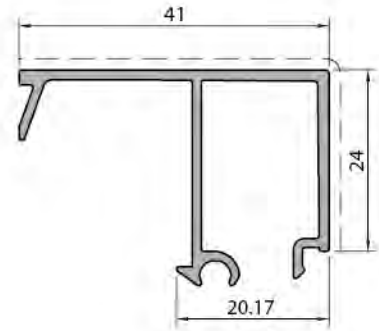
Weight : 0,363 kg/m



Cam Çıtası Profili
Glazing bead profile

LS55435

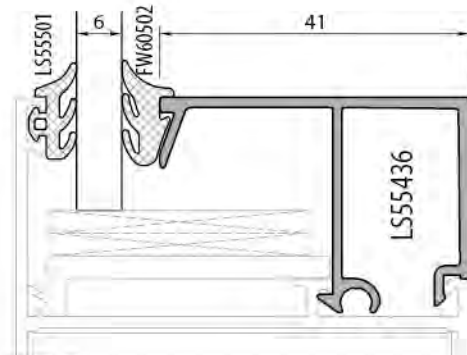
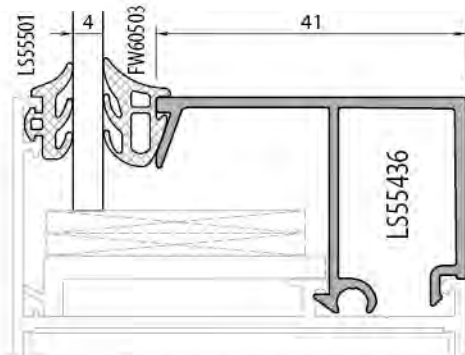
Weight : 0,385 kg/m



Cam Çıtası Profili
Glazing bead profile

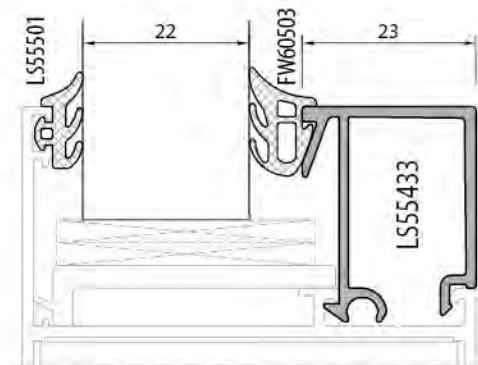
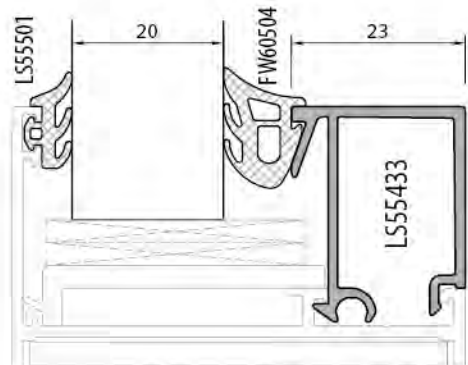
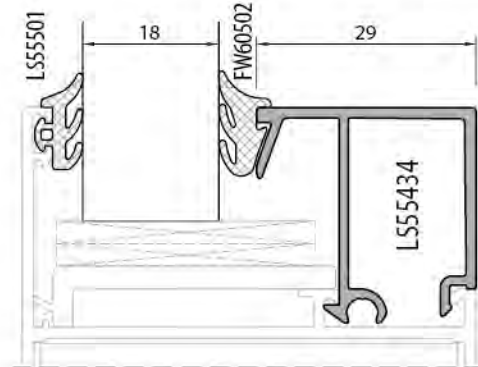
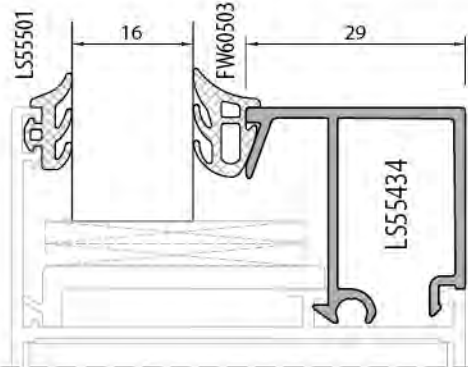
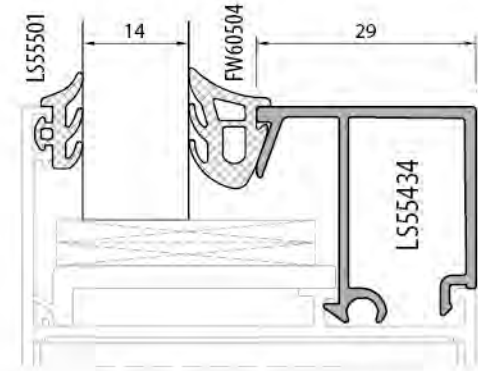
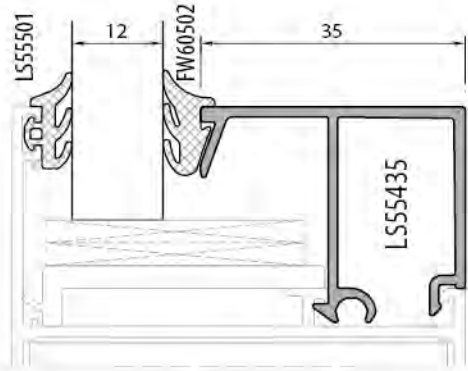
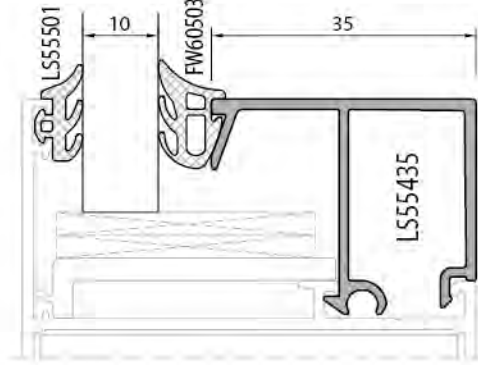
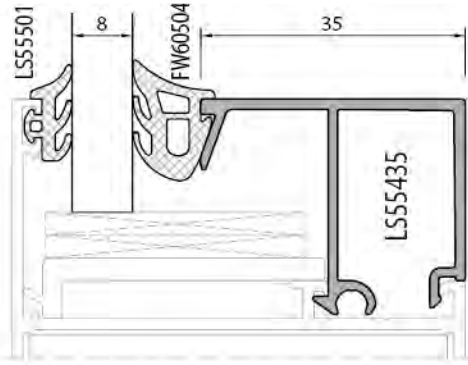
LS55436

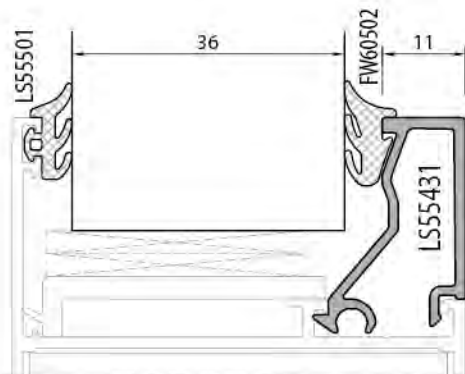
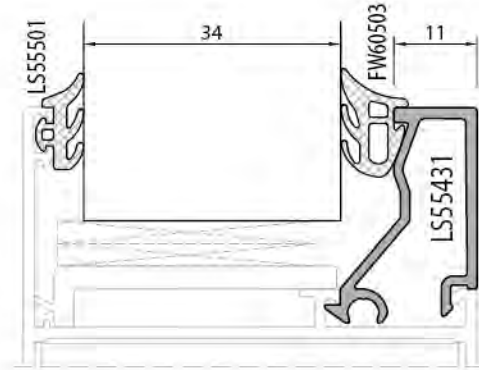
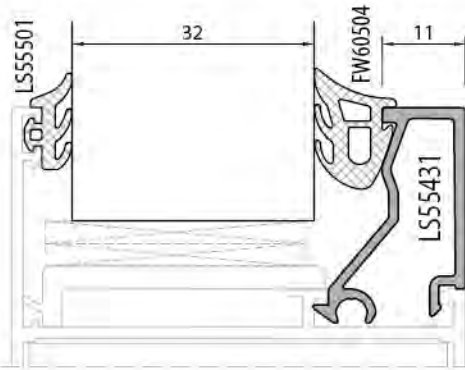
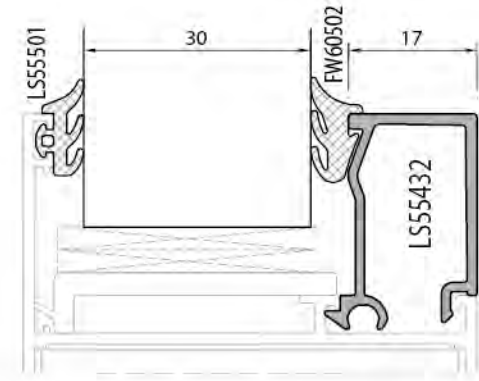
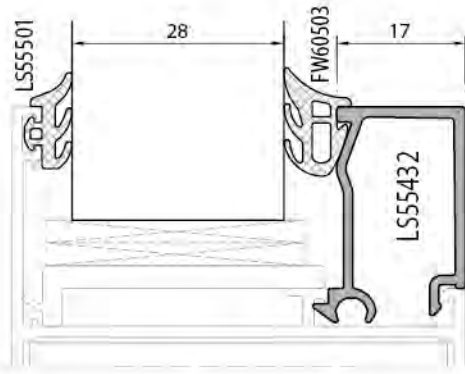
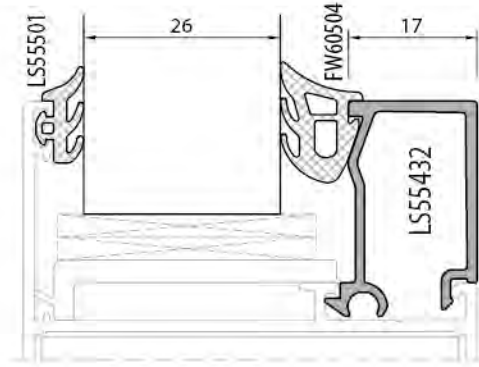
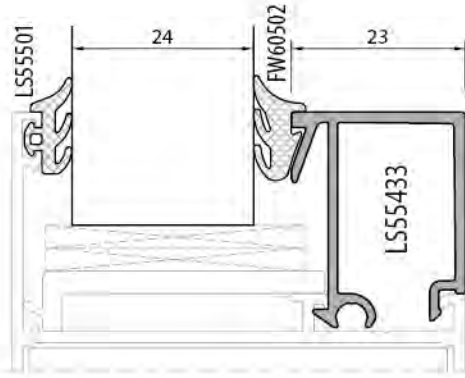
Weight : 0,408 kg/m



FW60 KATLANIR SİSTEM / FOLDING SYSTEM

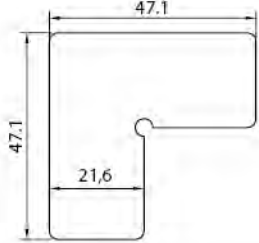
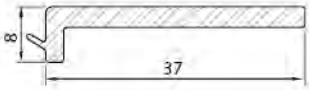
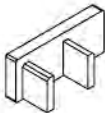
ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

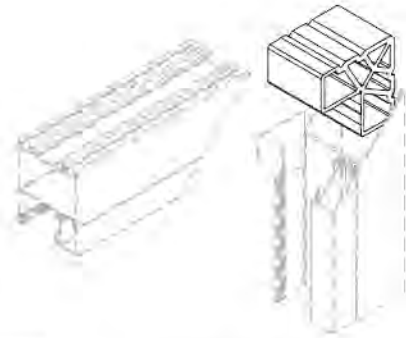
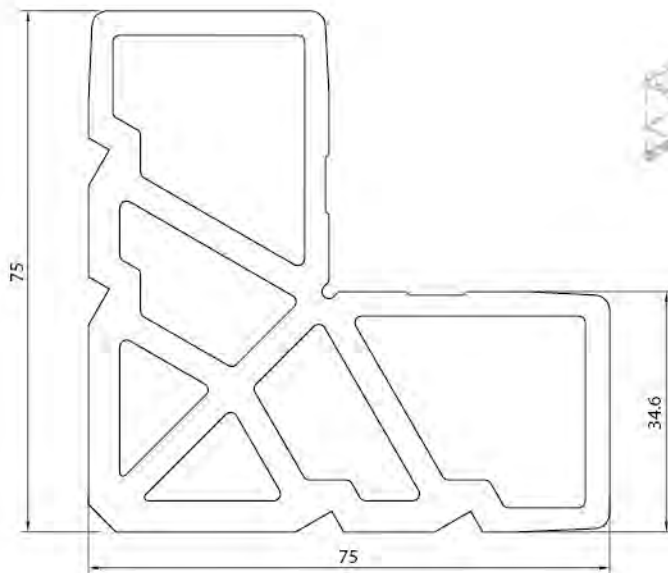




FW60 KATLANIR SİSTEM / FOLDING SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ / PRODUCT TECHNICAL FEATURES

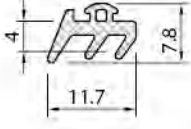
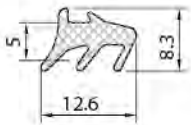
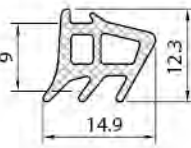
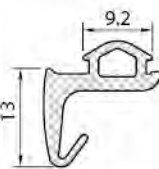
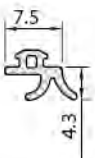
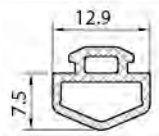
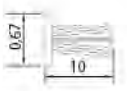
Kod Code	Şekil Drawing	Tanım Description	Paket Metrajı In one Package Metre / Package	Kullanım Yeri Application
LS55617		köşe onbaşı corner cleat for sash	200 pcs/pk	
FW60.610		cam destek pr. parçası glazing support	3,0 m 20 pcs/pk	
FW60.601		kasa yan kapak (pvc) frame side cover	20 pcs/pk	

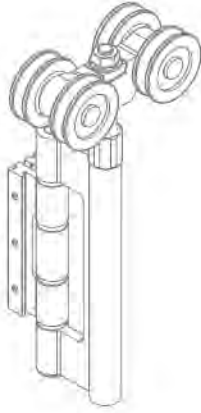
Kanat Köşe Takoz Profili
Sash corner cleat profile

FW60.450

Weight : 4,505 kg/m

FW60.450-1 56,5 mm

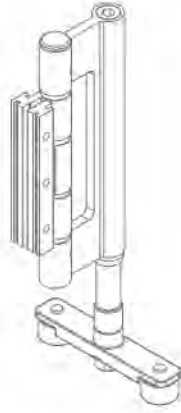
Kod Code	Şekil Drawing	Tanım Description	Teorik Ağırlık Theoretical Weight gr / m	Paket Ağırlığı Package Weight Kg / Package	Paket Metraji In one Package Metre / Package	Kullanım Yeri Application
LS55501		epdm cam dış fitil glazing gasket outside	55 gr/m	12 kg	220 m	
FW60502		epdm cam iç fitil glazing gasket inside	64 gr/m	12 kg	187 m	
FW60503		epdm cam iç fitil glazing gasket inside	78 gr/m	12 kg	153 m	
FW60504		epdm cam iç fitil glazing gasket inside	94 gr/m	12 kg	127 m	
FW60505		epdm fitil epdm gasket	101 gr/m	12 kg	118 m	
FW60506		epdm fitil epdm gasket	30 gr/m	12 kg	400 m	
FW60507		epdm fitil epdm gasket	71 gr/m	10 kg	140 m	
FW60520		perdeli fırça fitil webbed brush gasket	-	-	200 m/pk	



Çift Kanat Üst Rulman
Double sash upper roller

FW60.701

siyah renk
(black)



Çift Kanat Alt Rulman
Double sash lower roller

FW60.702

siyah renk
(black)



İki Yönlü Mekanizma
Two way mechanism

FW60.705

siyah renk
(black)



Farklı renk seçeneği belirtilmelidir.
By selecting different colors, it must be informed.



Yaprak Menteşe
leaf hinge

FW60.703

siyah renk
(black)



Çekme Menteşe
pulling hinge

FW60.704

siyah renk
(black)



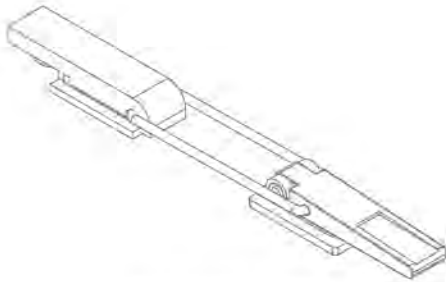
Üst Sürgü
upper bolt

FW60.706



Alt Sürgü
lower bolt

FW60.707



İki Yönlü Mekanizma
Two way mechanism

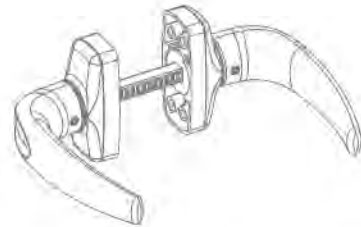
FW60.708



Kapı Kolu
door handle

FW60.709

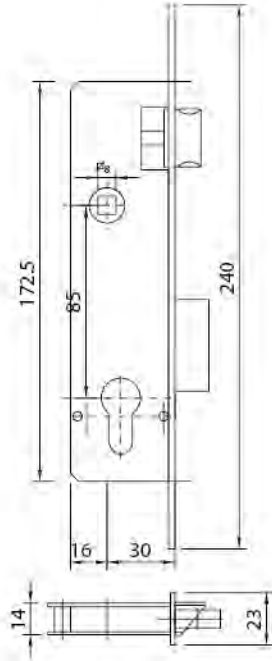
siyah renk
(black)



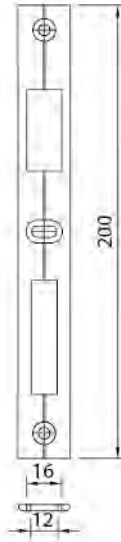
Kapı Kolu
door handle

W55.764

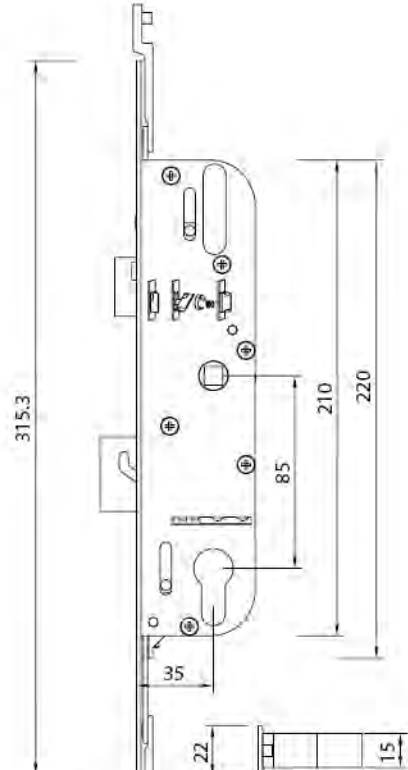
siyah renk
(black)



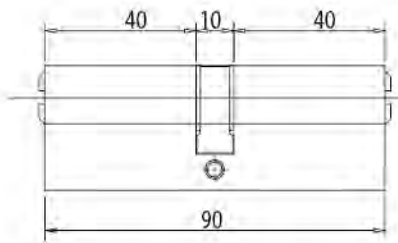
FW60.710
Dar Kilit
Wide type lock (bolt)



W55.781
Kilit Karşılığı
Lock plate



FW60.711
iki yönlü kilitli mekanizma
Two way locking mechanism



FW60.784 Barel
Cylinders

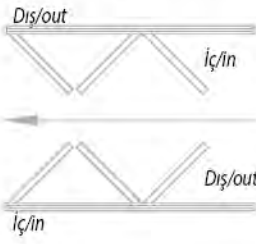
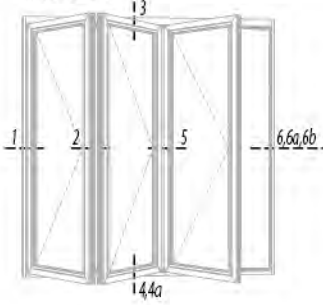


W55.785
Barel Rozeti
Cylinder cover
siyah renk
(black)

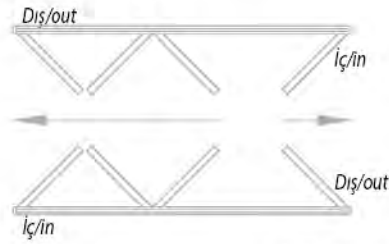
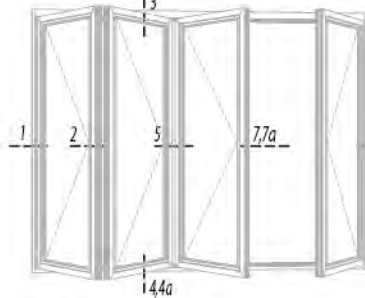


Farklı renk seçeneği belirtilmelidir.
By selecting different colors, it must be informed.

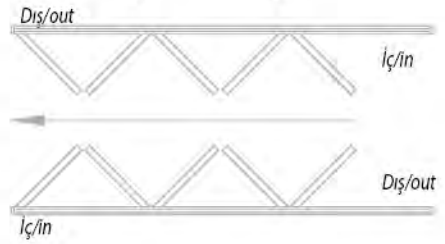
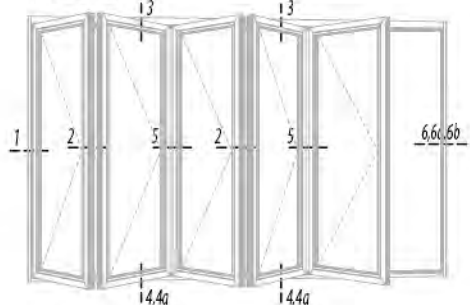
TYPE 3-3-0



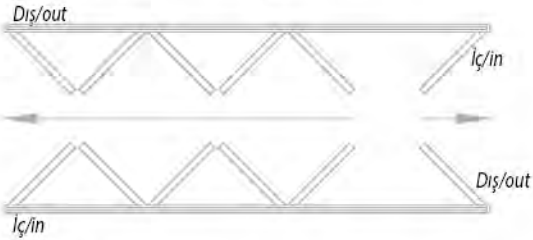
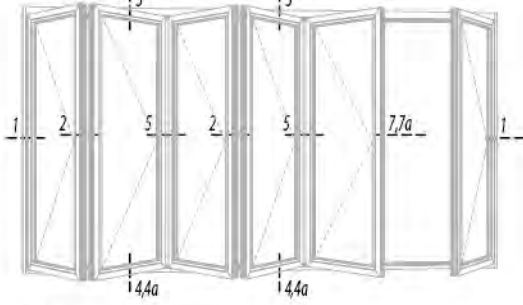
TYPE 4-3-1



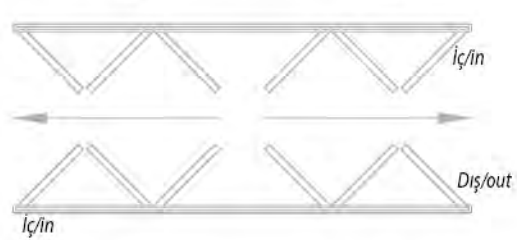
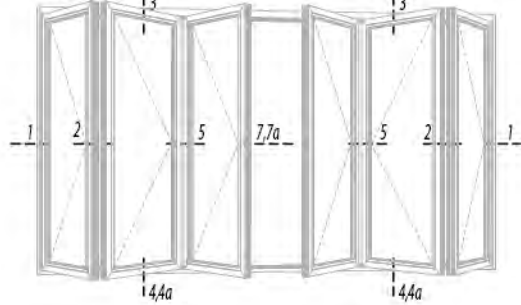
TYPE 5-5-0



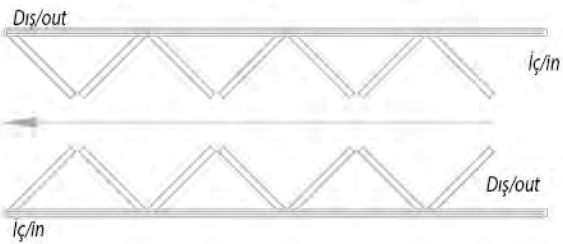
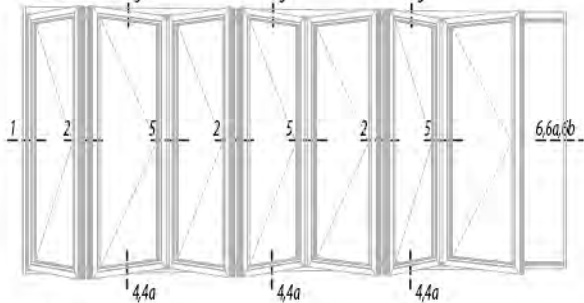
TYPE 6-5-1



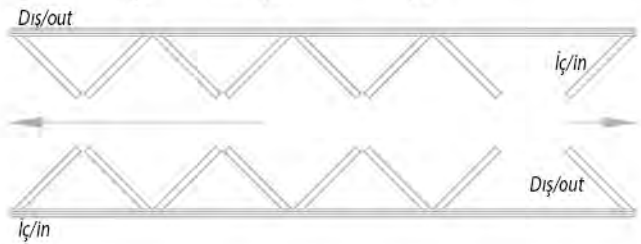
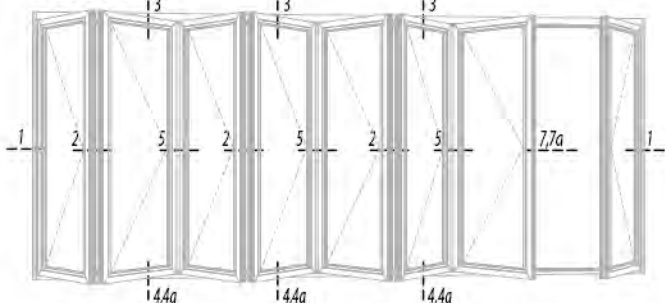
TYPE 6-3-3



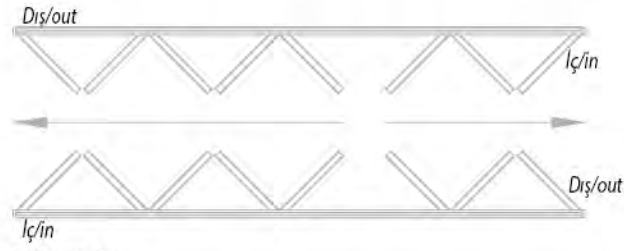
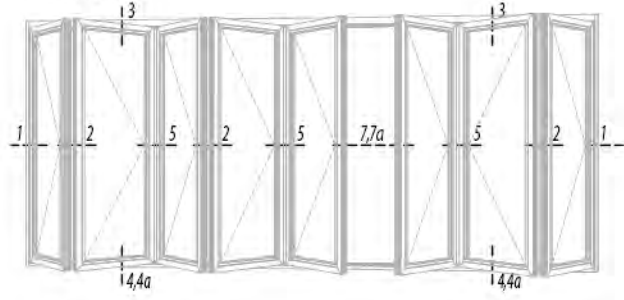
TYPE 7-7-0



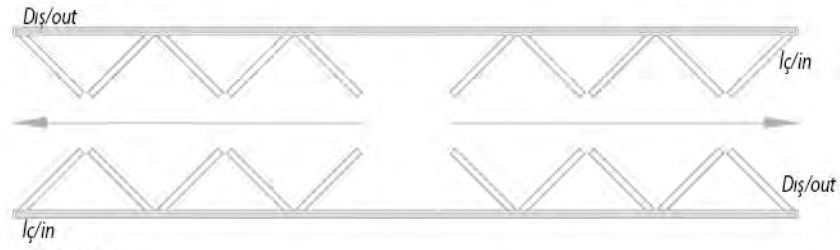
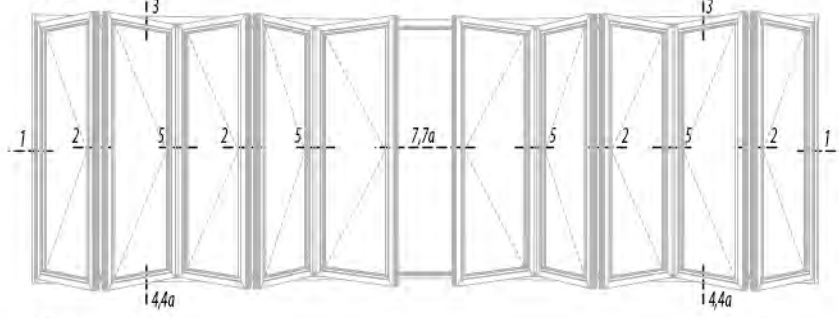
TYPE 8-7-1



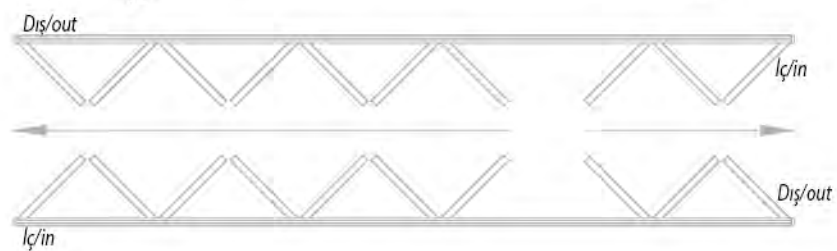
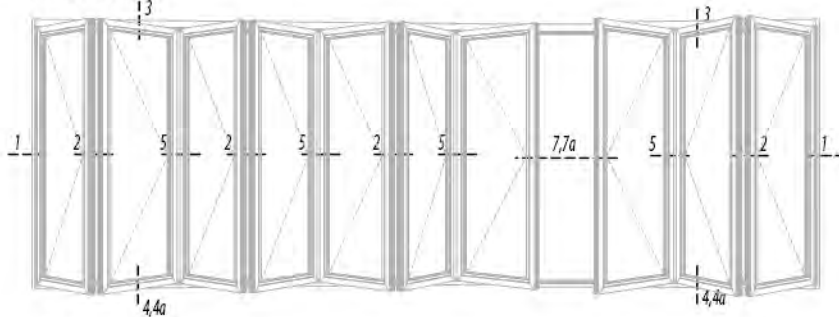
TYPE 8-3-5

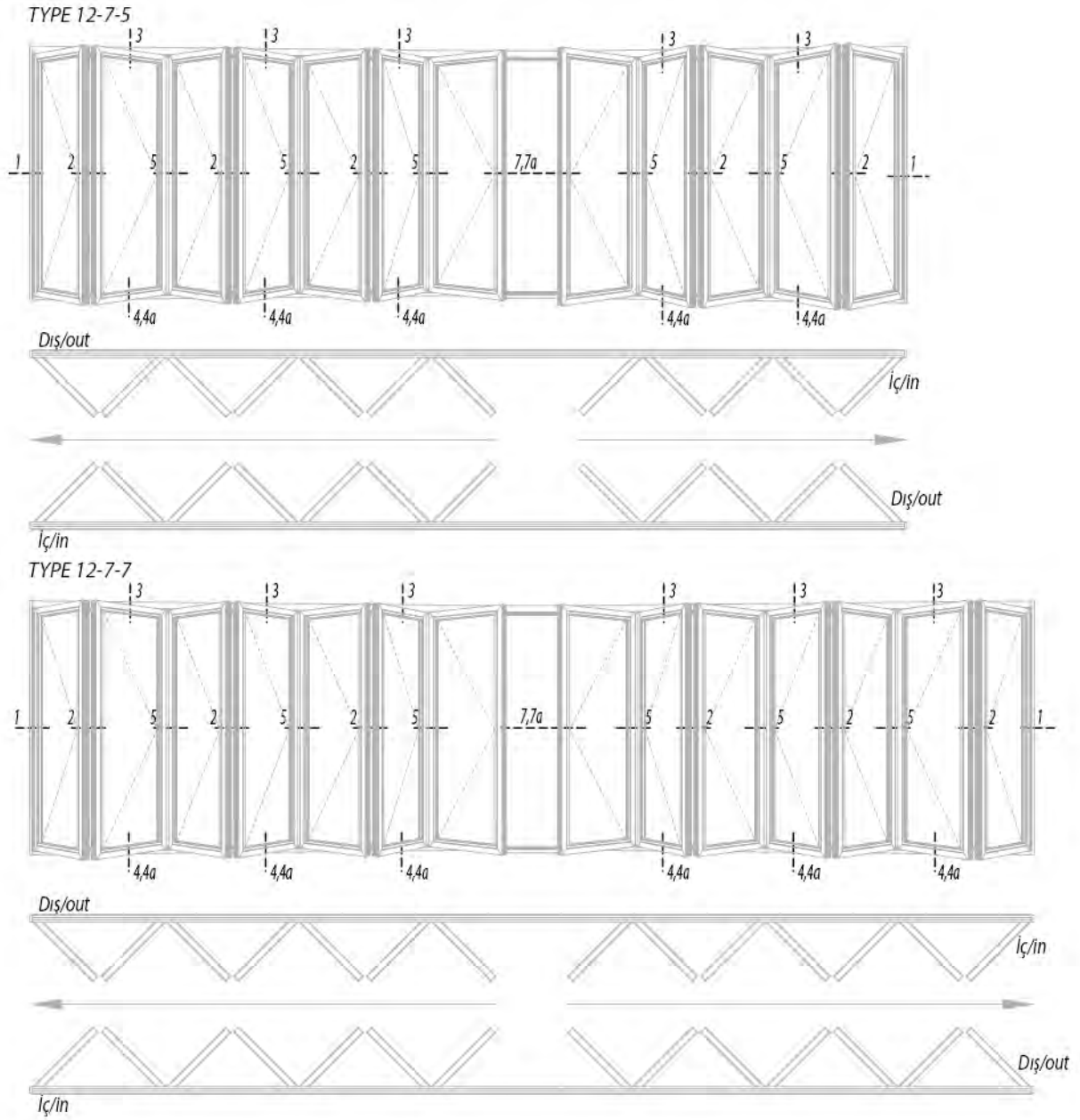


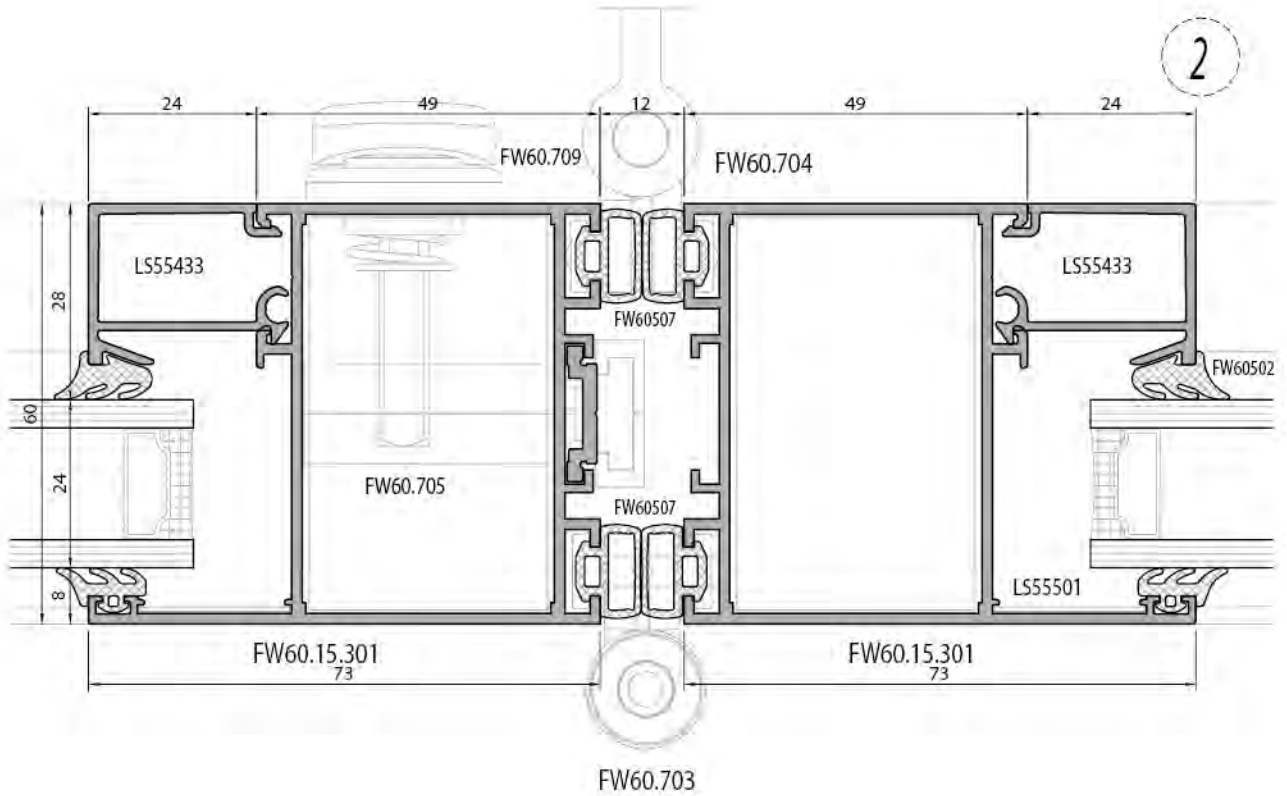
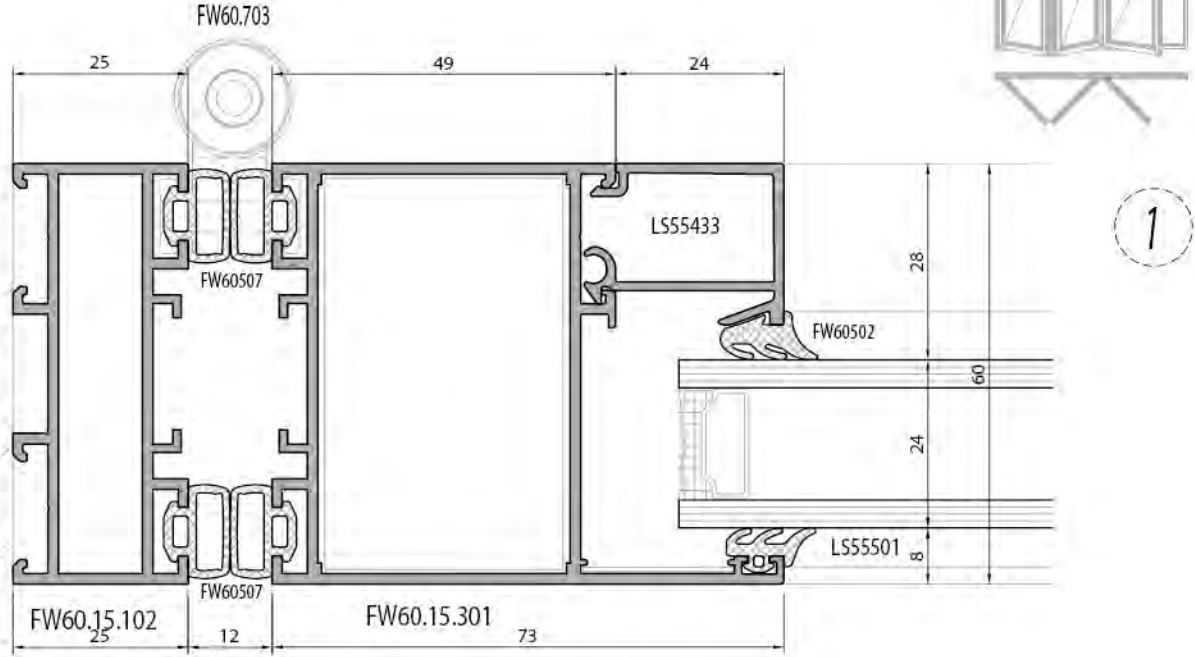
TYPE 10-5-5

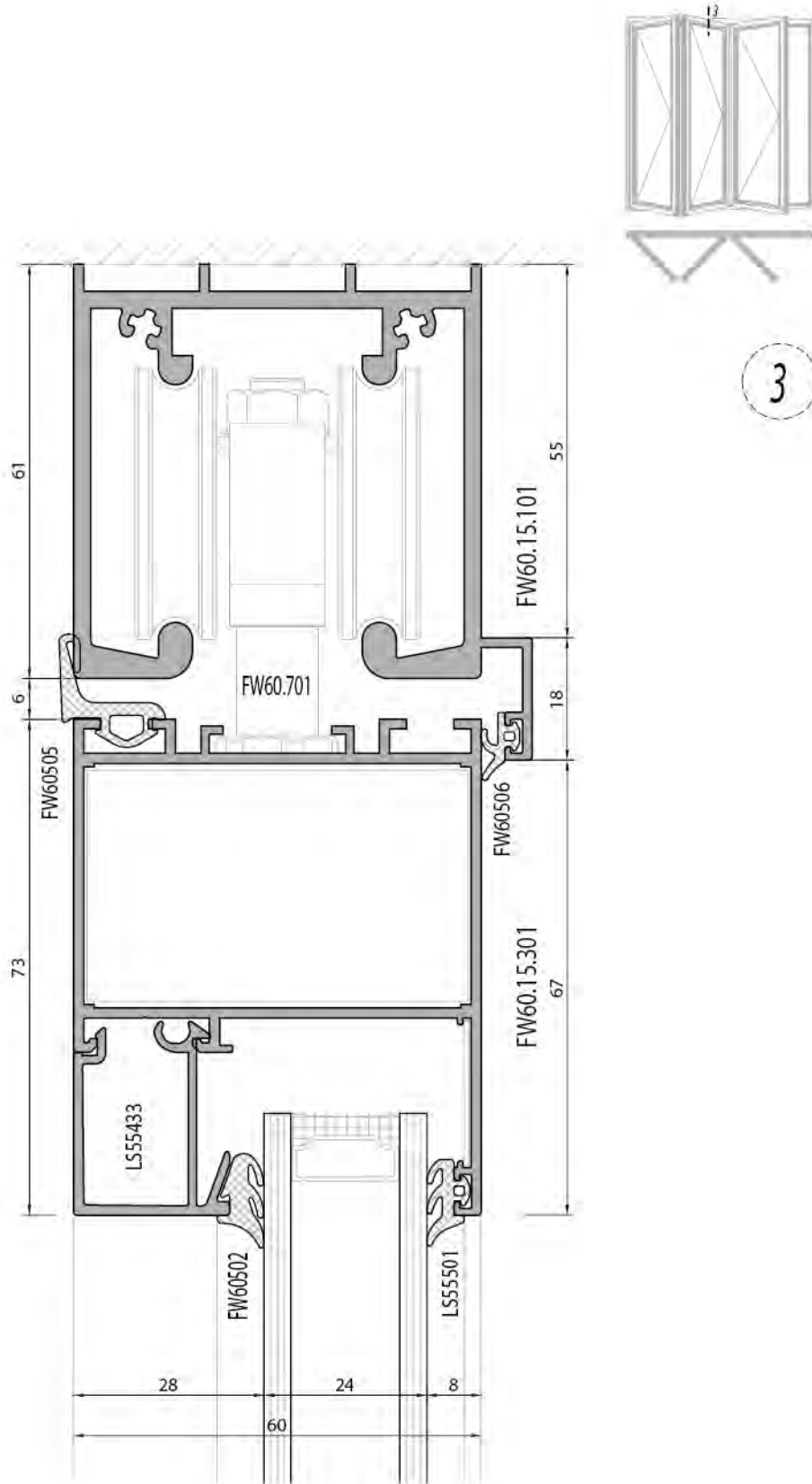


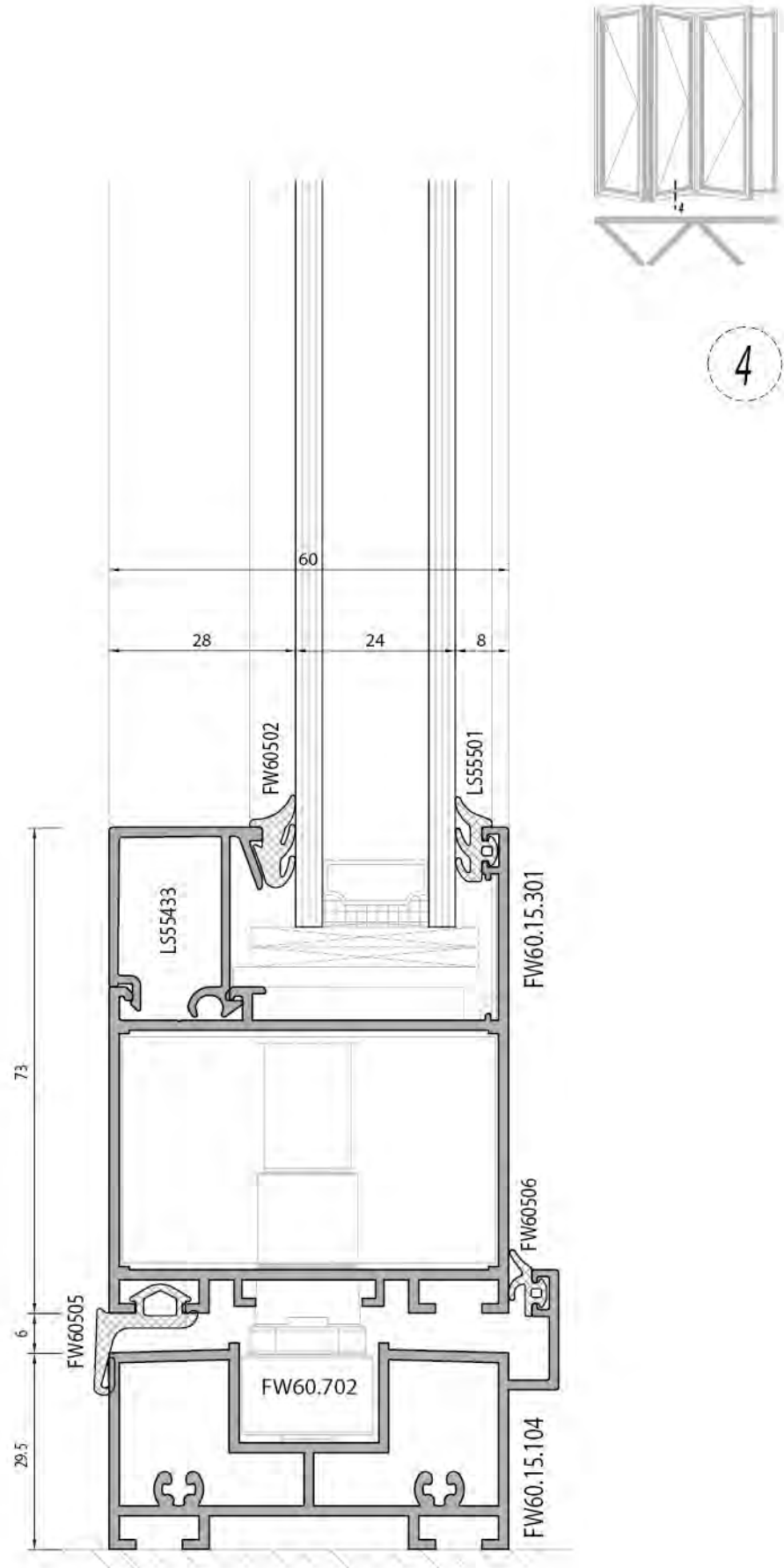
TYPE 10-7-3

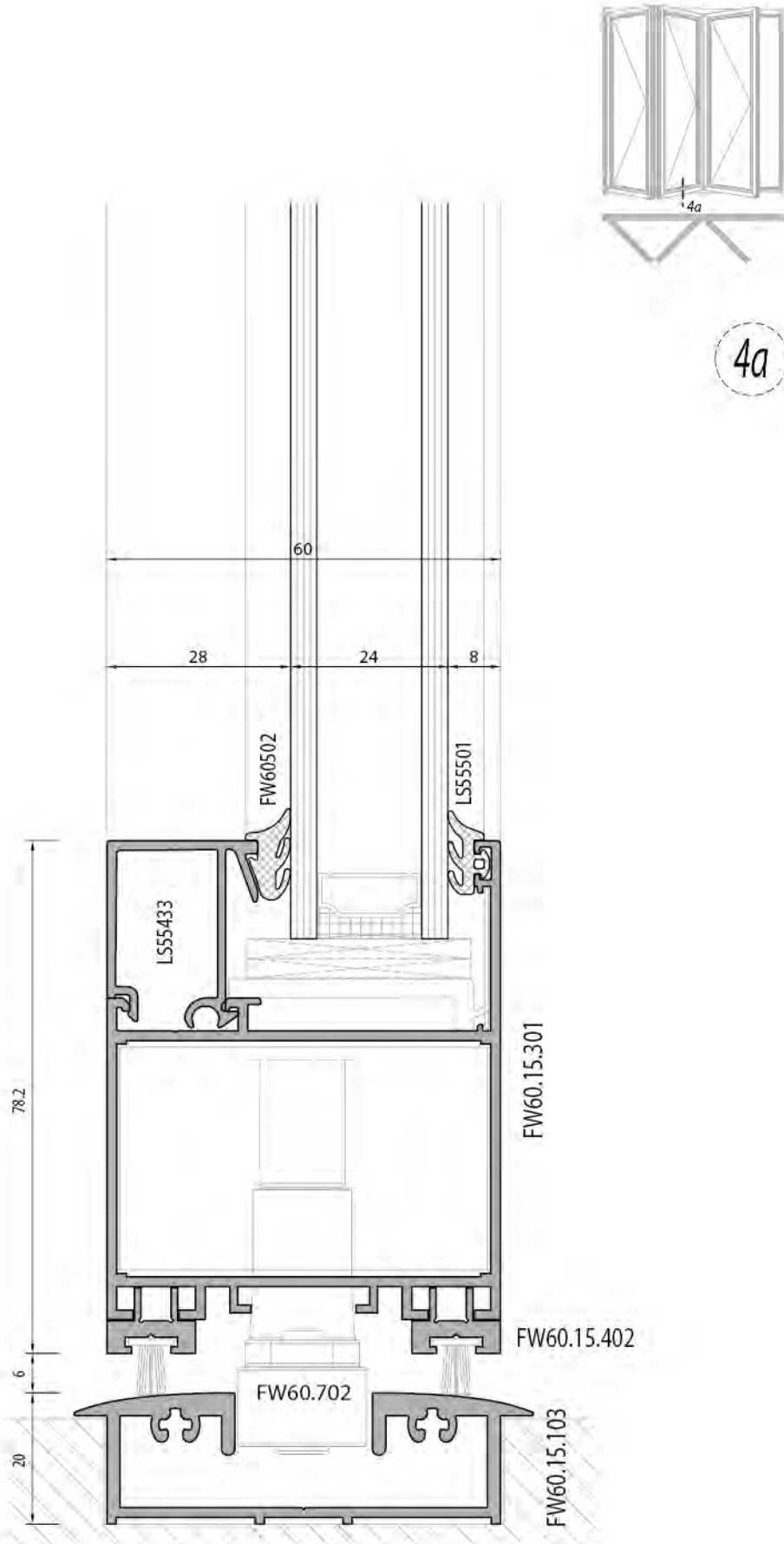


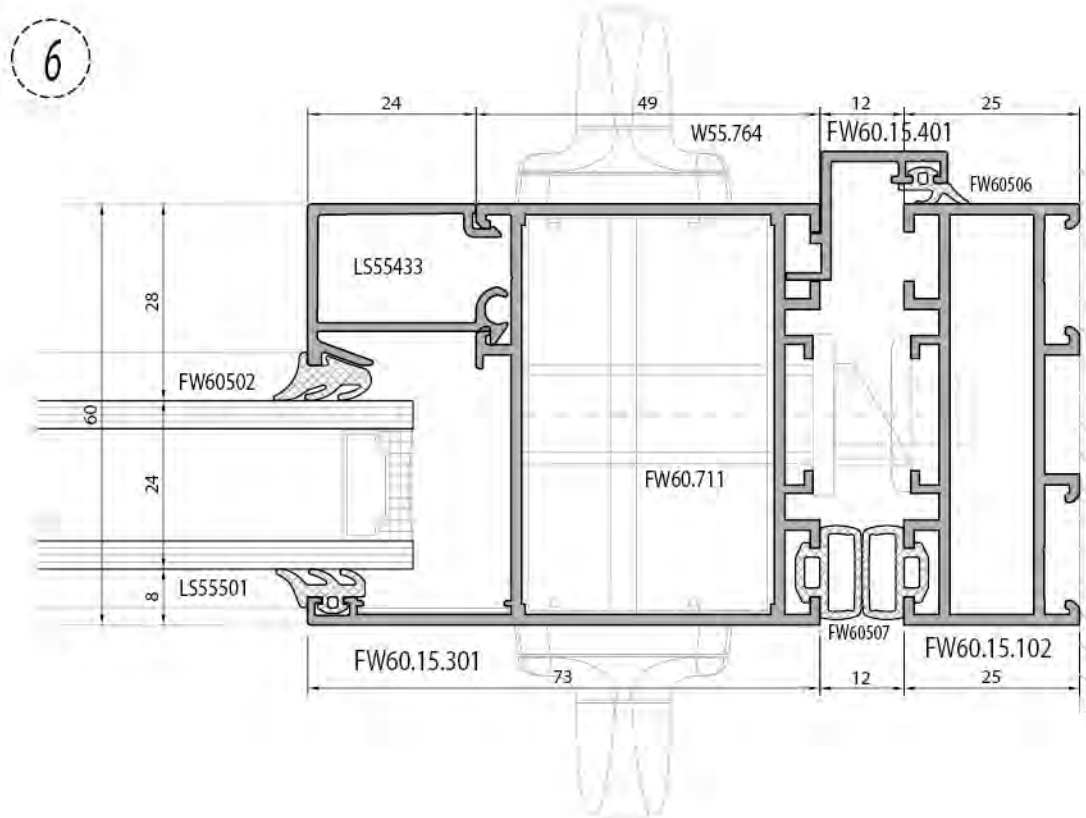
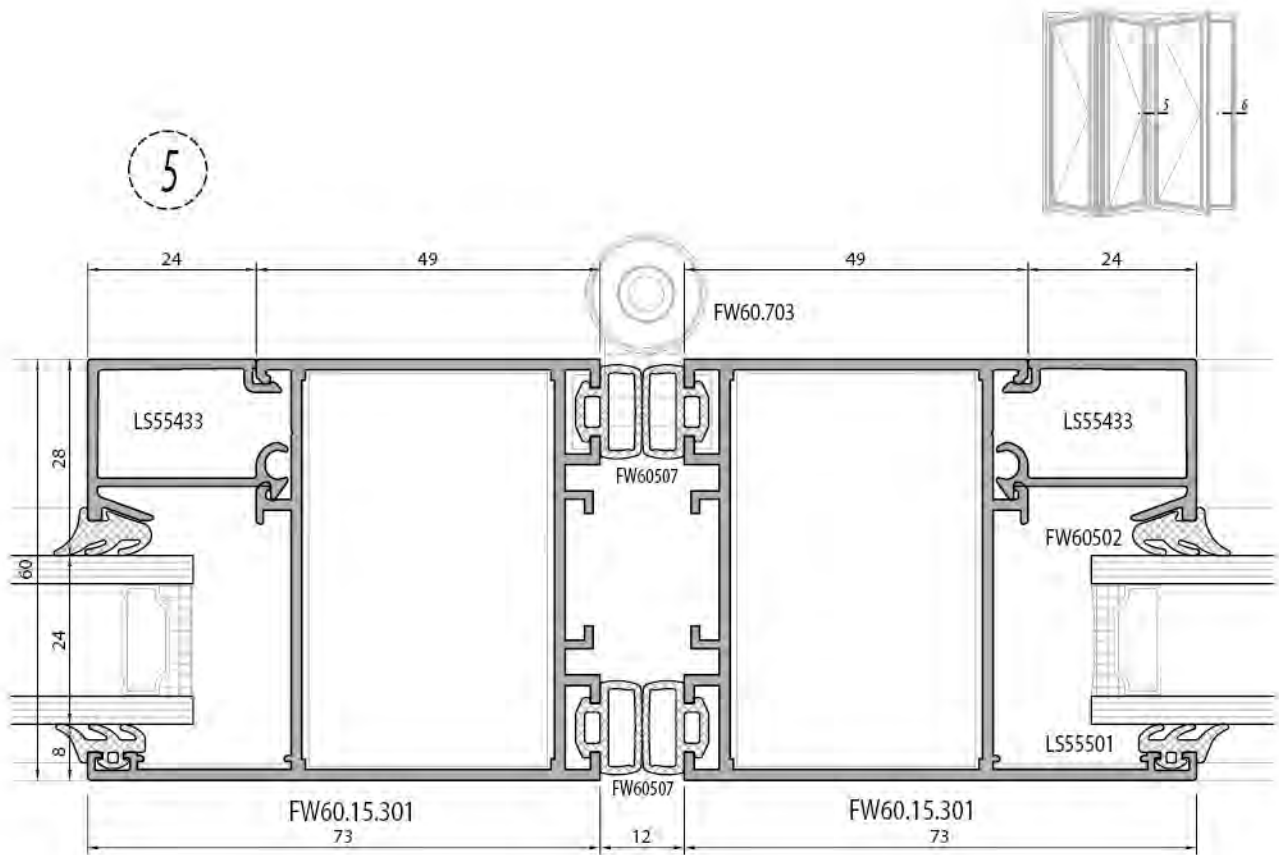




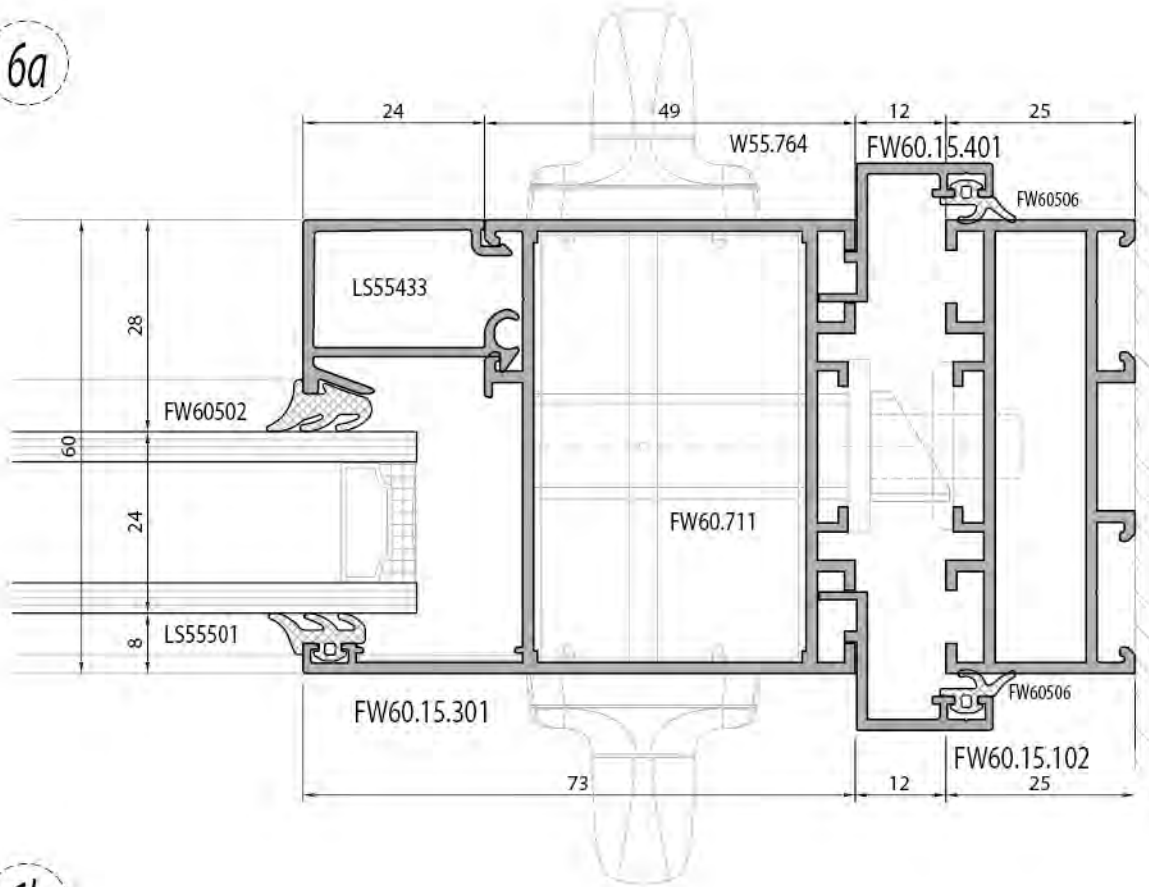




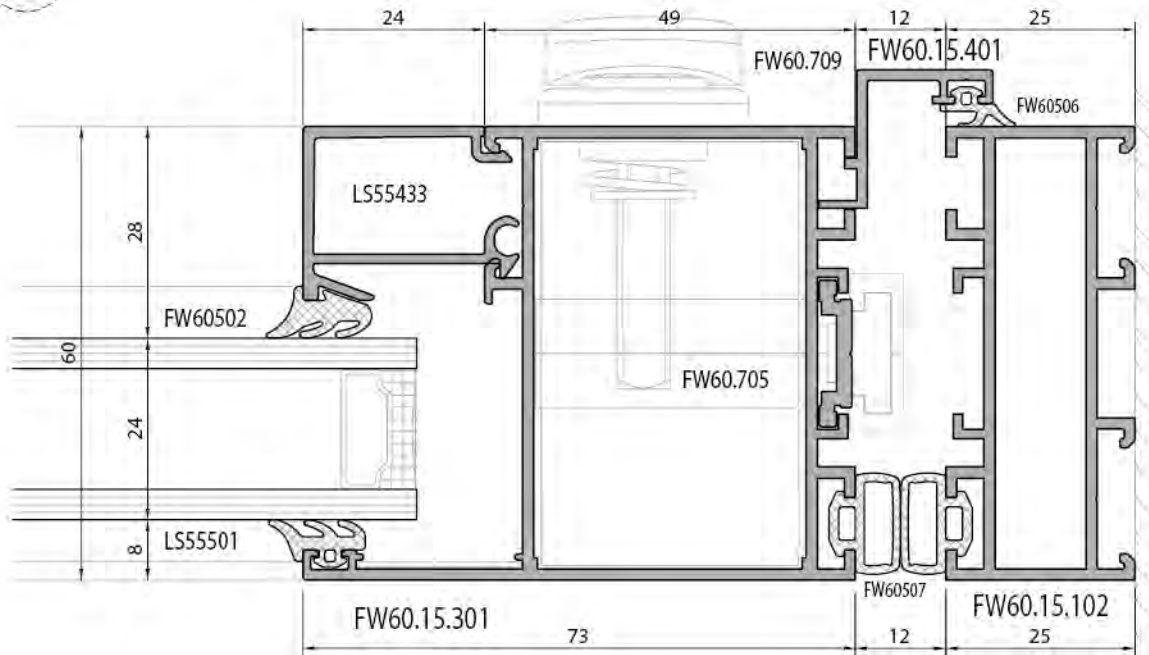


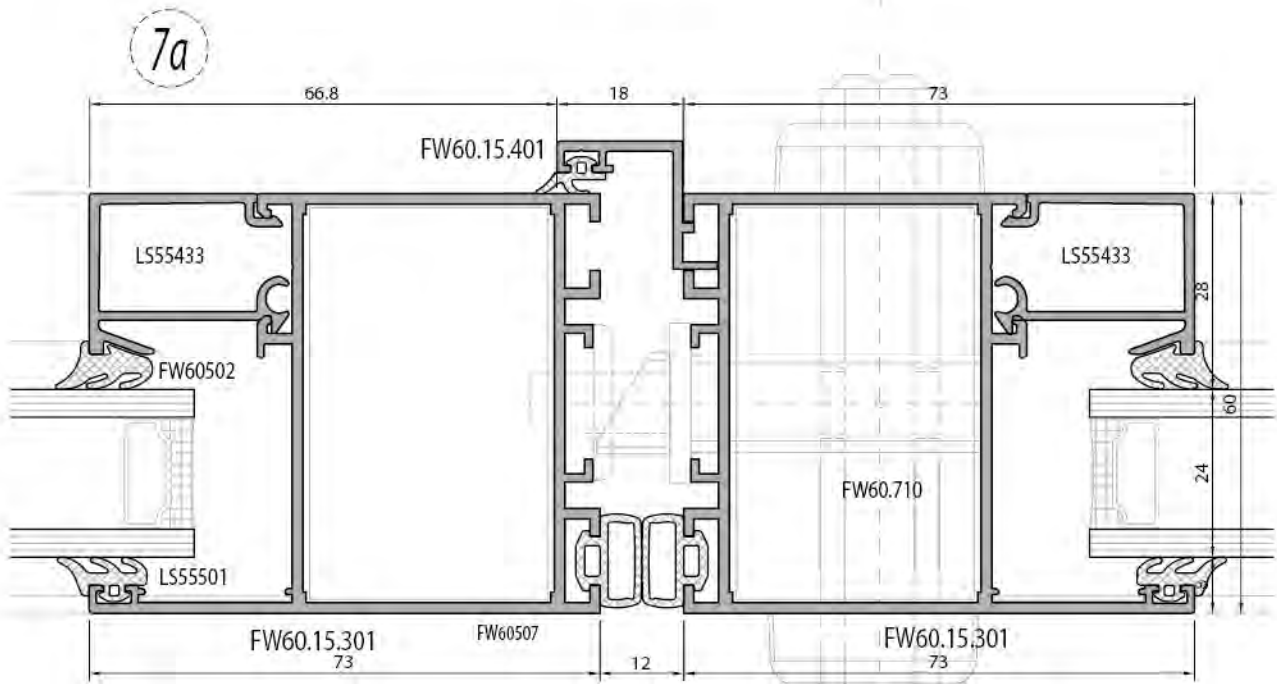
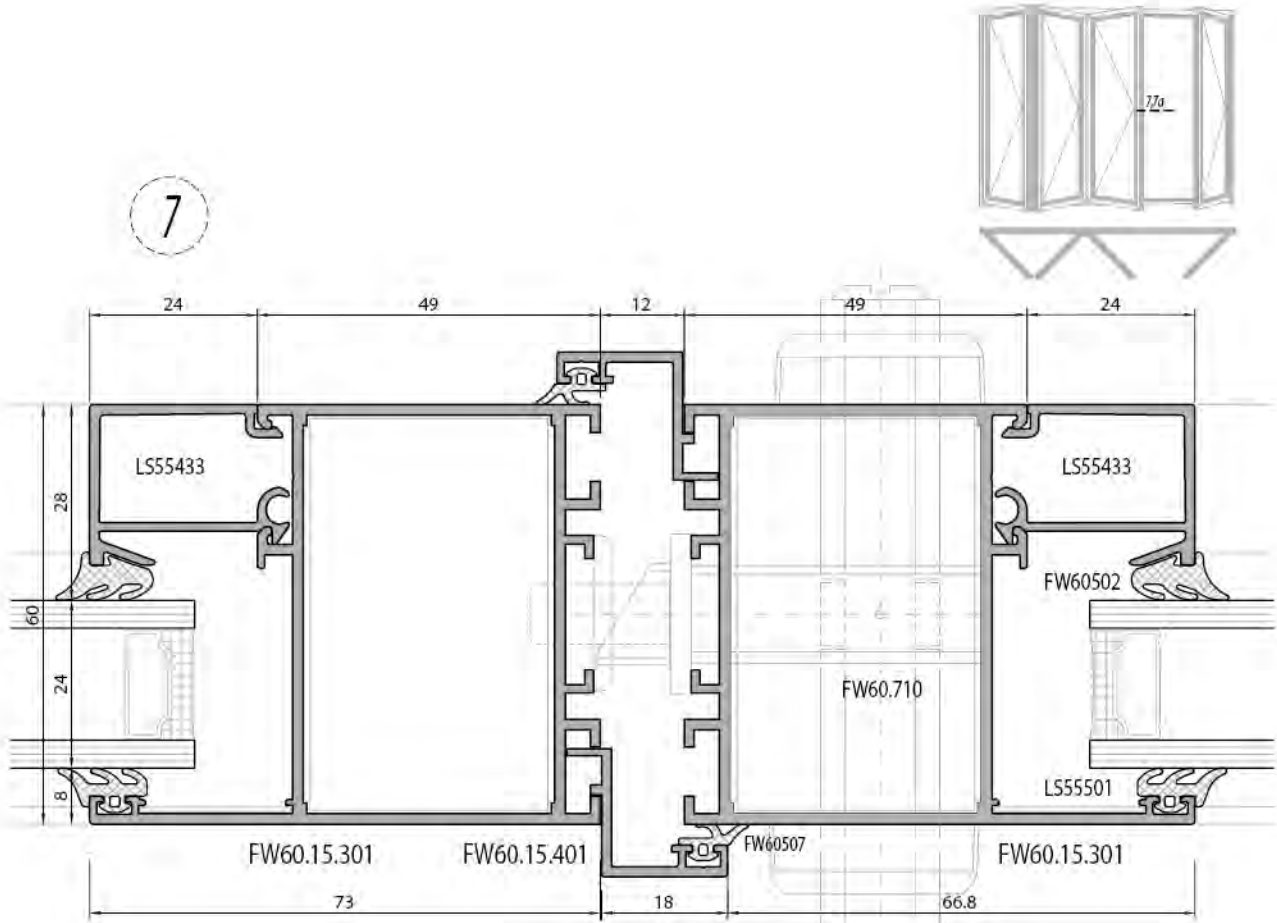


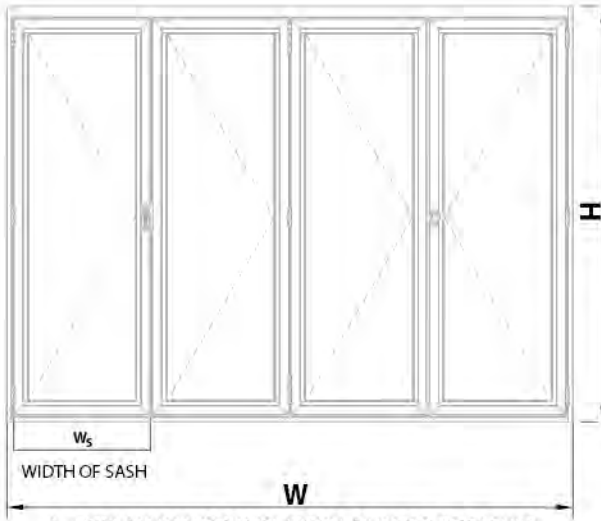
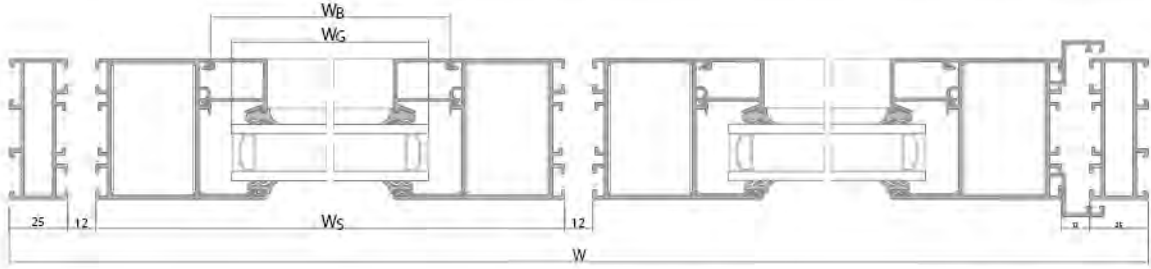
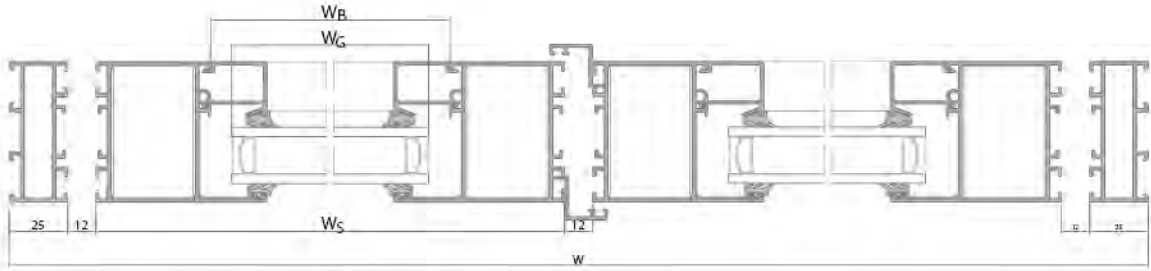
6a



6b







A = TOPLAM KANAT SAYISI / TOTAL NUMBER OF SASHES

$$W_s = \frac{W - (A \times 12.0 \text{ mm} + 62 \text{ mm})}{A}$$

W = TOPLAM GENİŞLİK / TOTAL WIDTH

H = TOPLAM YÜKSEKLİK / TOTAL HEIGHT

Ws = KANAT GENİŞLİĞİ / WIDTH OF SASH

Hs = KANAT YÜKSEKLİĞİ / HEIGHT OF SASH

A = TOPLAM KANAT SAYISI / TOTAL NUMBER OF SASHES

$$W_b = W_s - 80$$

Wb = ÇİTA GENİŞLİĞİ / WIDTH OF GLAZING BEAD

$$H_b = H_s - 128$$

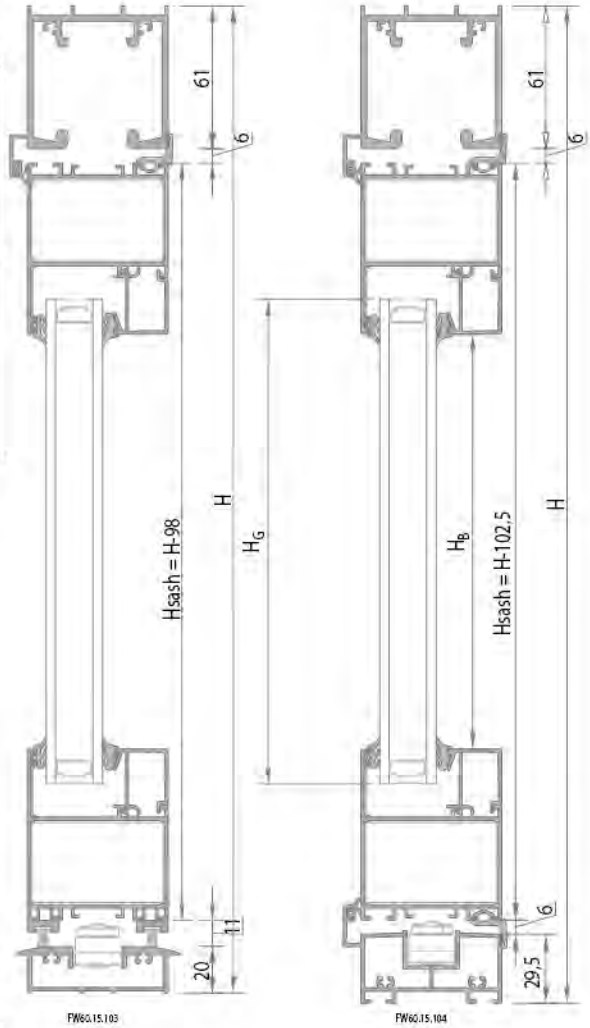
Hb = ÇİTA YÜKSEKLİĞİ / HEIGHT OF GLAZING BEAD

$$W_g = W_s - 98$$

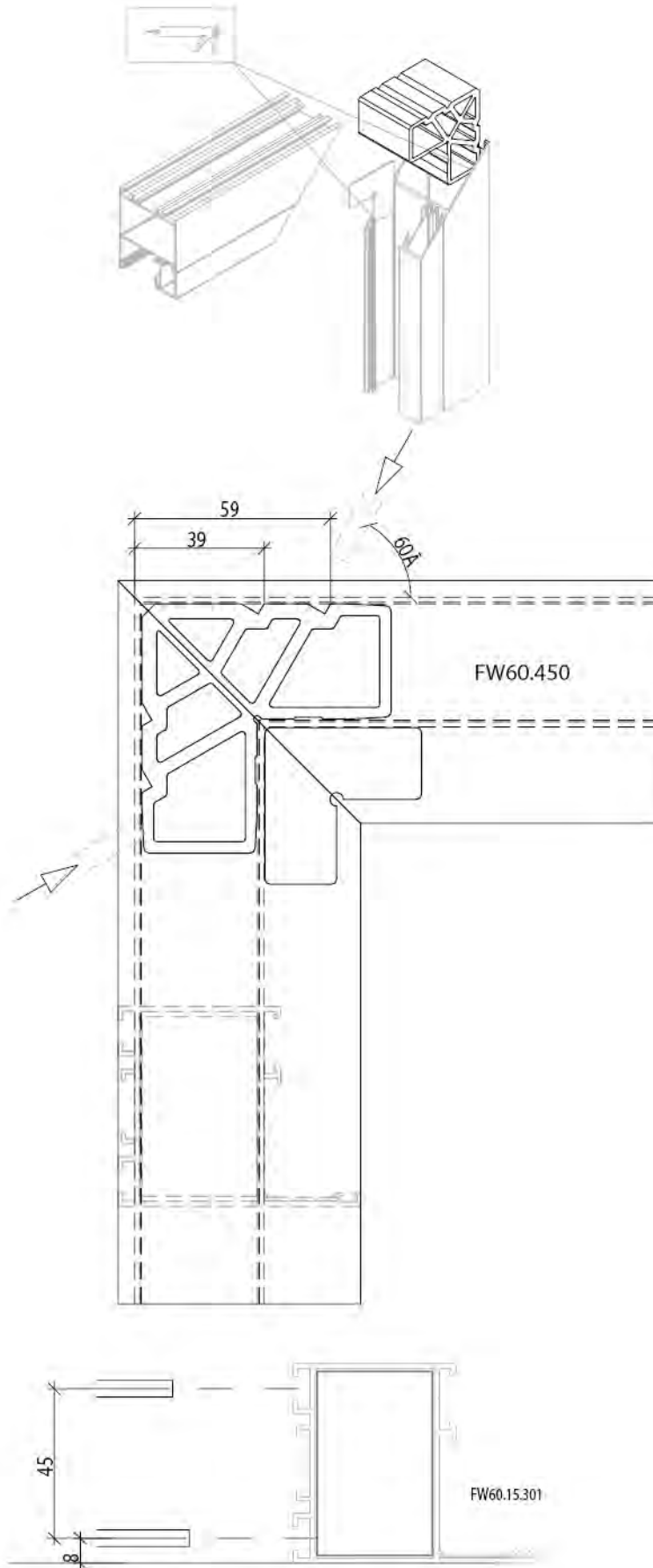
Wg = CAM GENİŞLİĞİ / WIDTH OF GLAZING

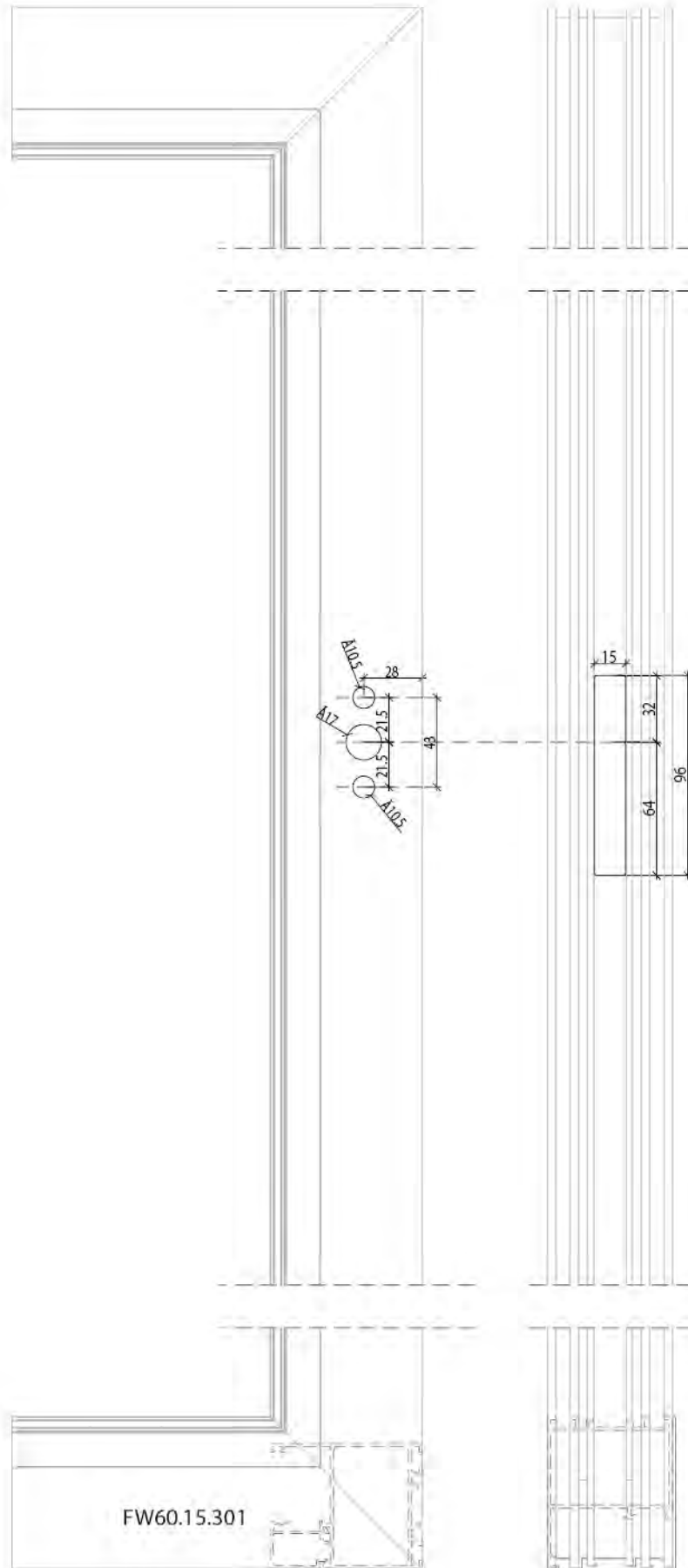
$$H_g = H_s - 98$$

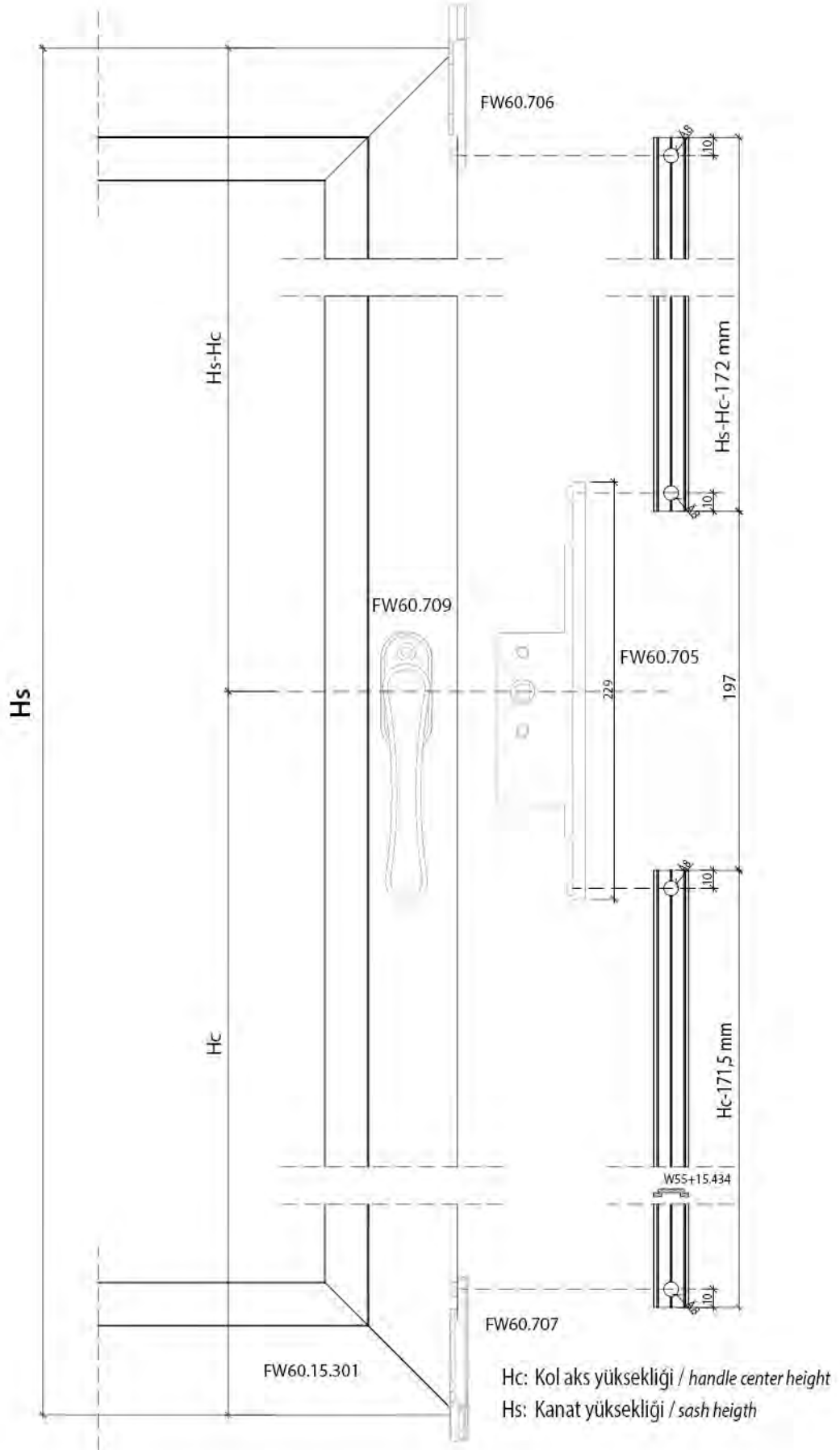
Hg = CAM YÜKSEKLİĞİ / HEIGHT OF GLAZING

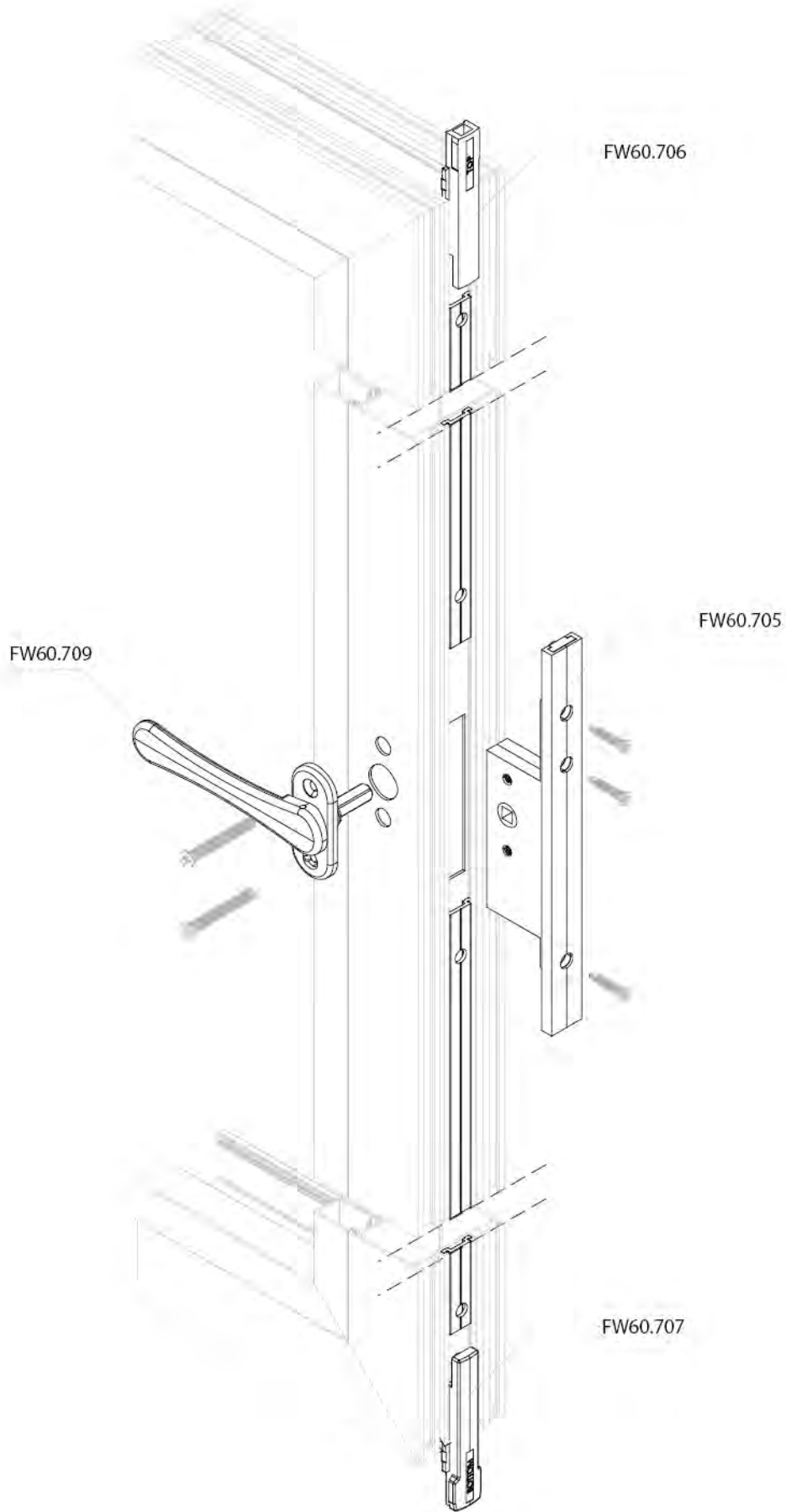


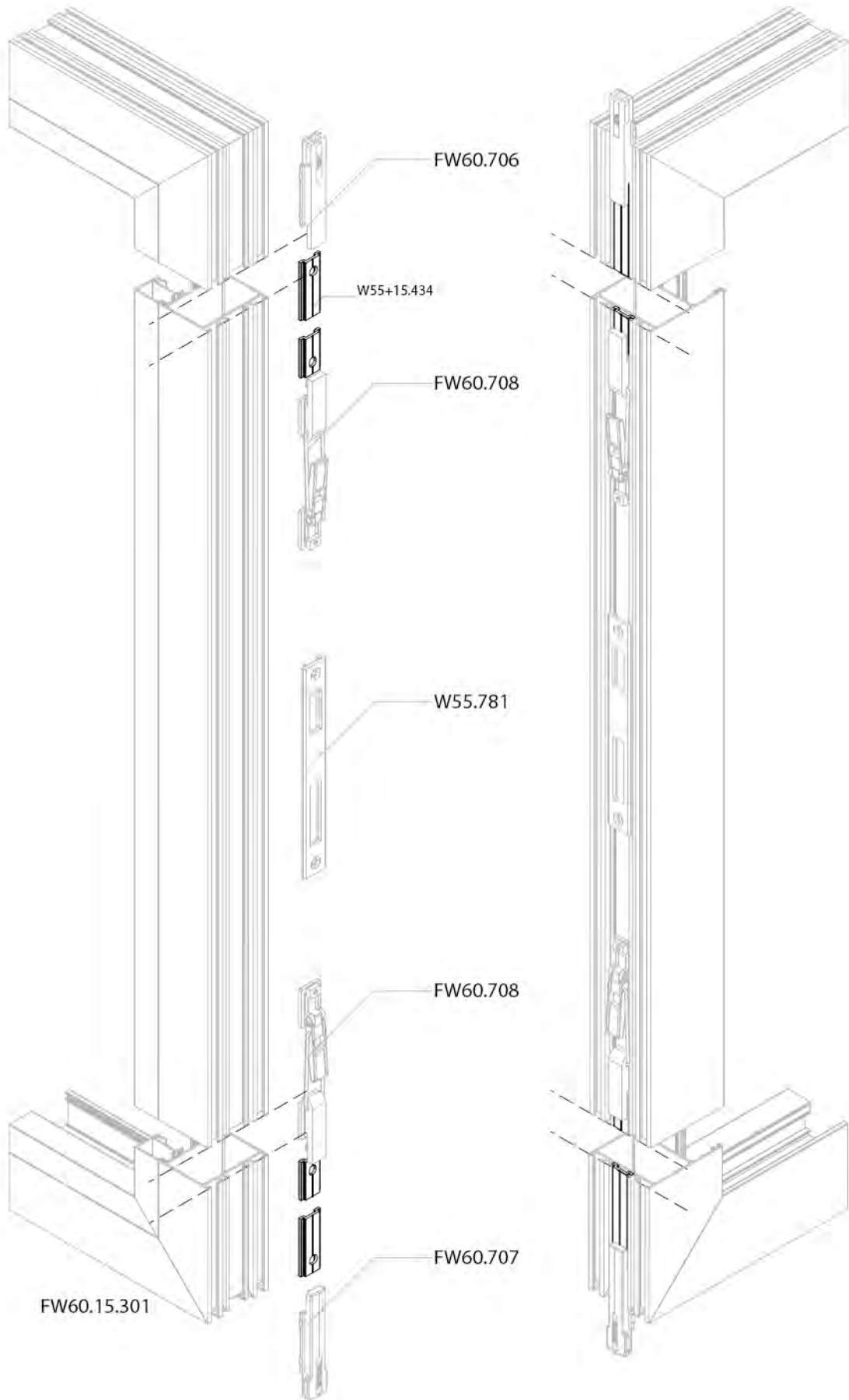
* Doğru bir kanat kesimi için, diğerlerinin montajından sonra sonuncusunun kesilmesi tavsiye edilir.
For a correct sash cutting, it is recommended to cut the last one after mounting the other ones.





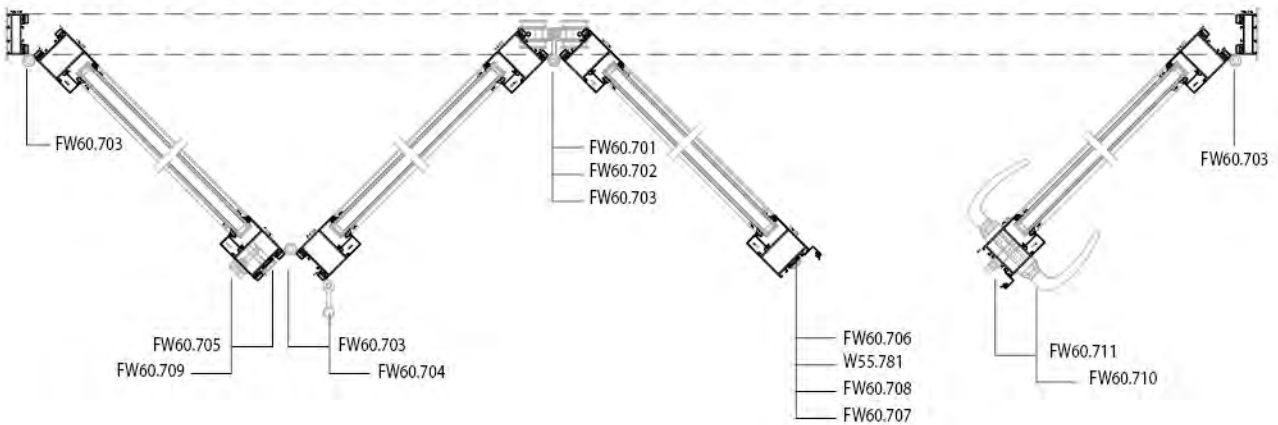
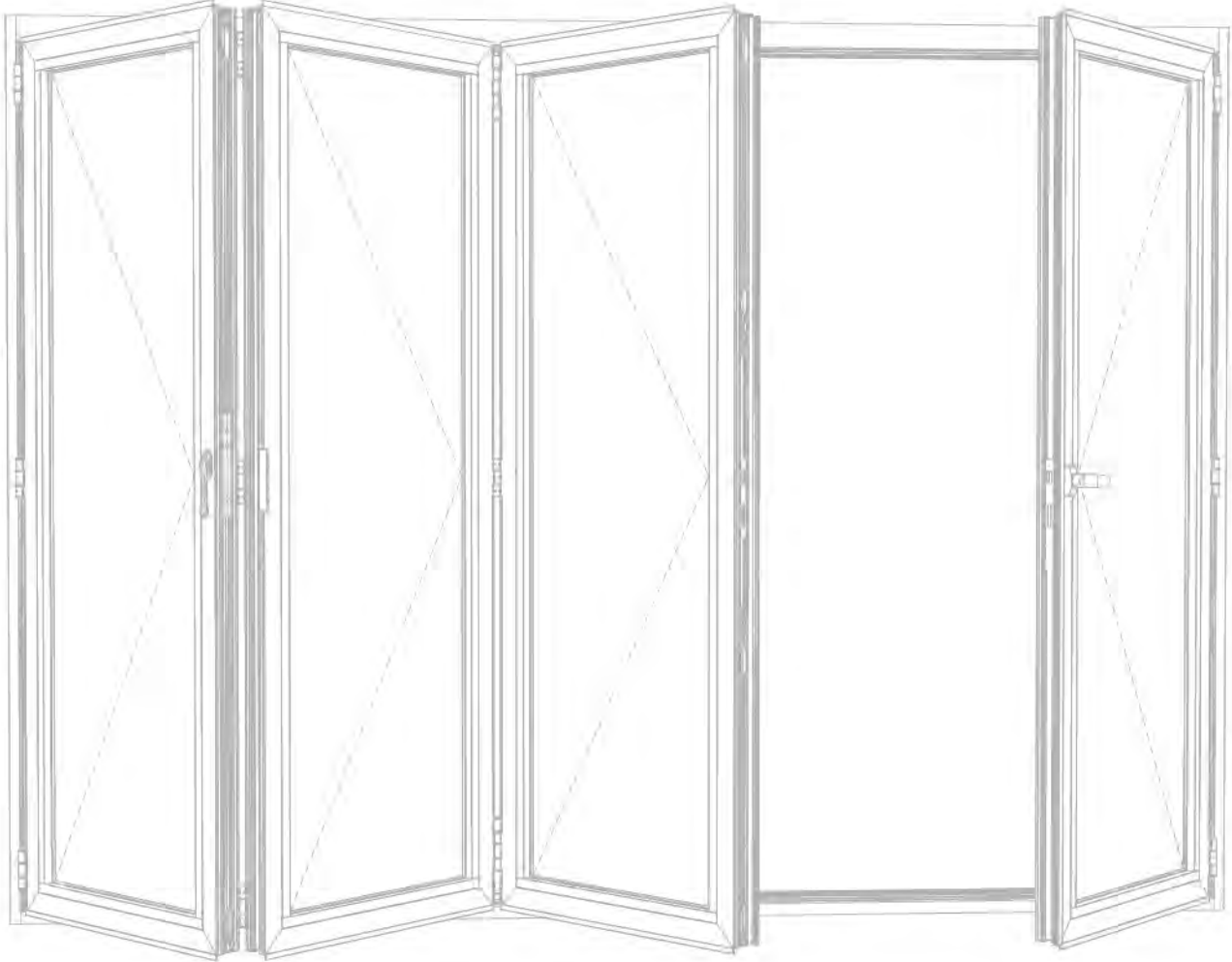






FW60 KATLANIR SİSTEM / FOLDING SYSTEM

KESİM - MONTAJ ÇİZİMLERİ / CUTTING ASSEMBLY DRAWINGS





Hacı Sabancı Organize Sanayi Bölgesi Oğuz Kağan Köksal Caddesi No: 5
SARIÇAM / ADANA / TÜRKİYE Tel: +90 322 394 35 02 Fax: +90 322 394 30 48
E-Mail : zahit@zahit.com.tr www.zahit.com.tr