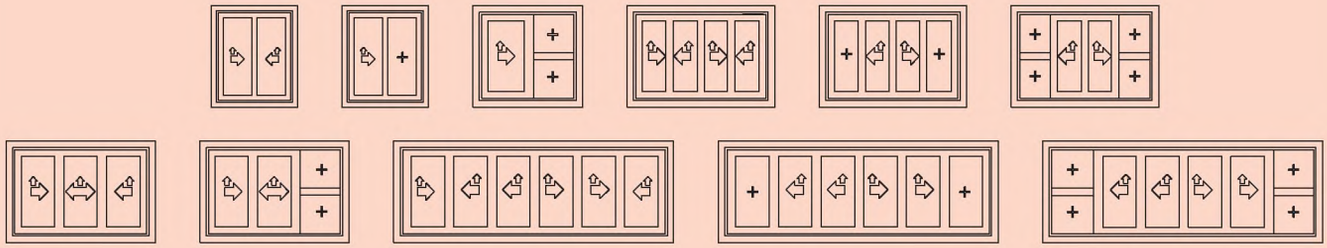
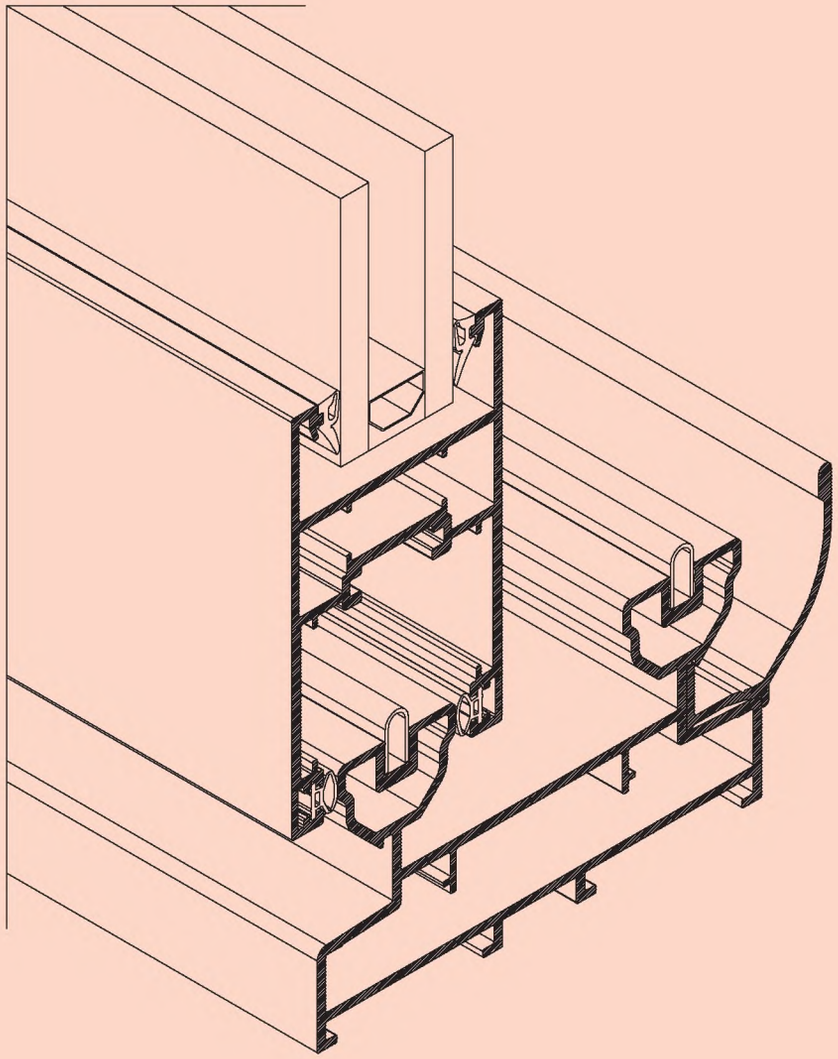
Yalıtımsız Sürme Serisi Açılım Varyasyonları (Kaldır & Sür Sistemi - Sürme Sistemi)

Noninsulated Sliding Serie Opening Variations (Lift & Slide System – Slide System)





S2

S45 Yalıtımsız Sürme Seri

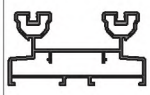
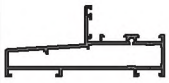
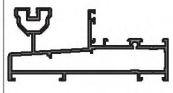
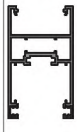
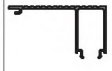
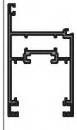
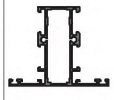
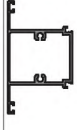
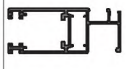
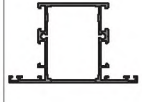
S45 Noninsulated Sliding Serie

Alaşım Özellikleri
Alloy Properties

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

Üretim ve Mekanik Standartları
Production and Mecanical Standards

EN 12020-2 – EN 755-9 – EN 755-2

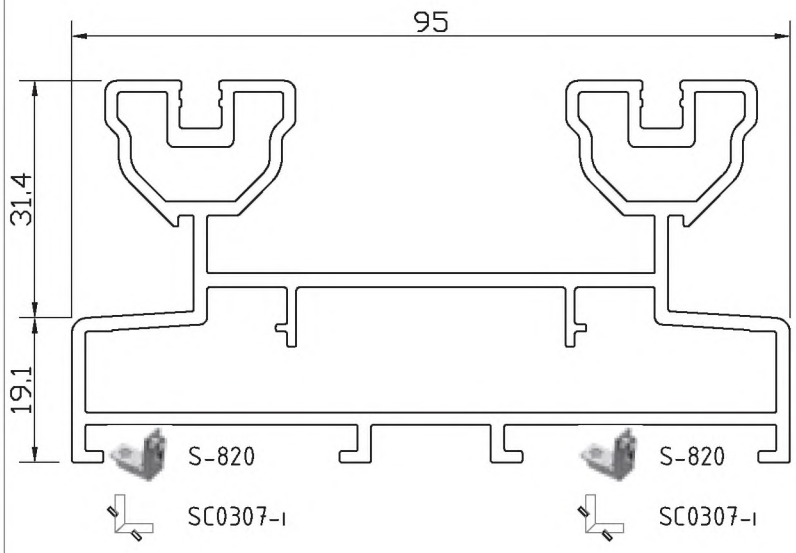
PROFİL KESİTİ PROFILE VIEW	PROFİL NO PROFILE NO	PROFİL AÇIKLAMASI PROFILE DESCRIPTION	gr/m	PROFİL KESİTİ PROFILE VIEW	PROFİL NO PROFILE NO	PROFİL AÇIKLAMASI PROFILE DESCRIPTION	gr/m
	S2-101 (95 - 50.5)	KASA PROFİLİ FRAME	2068		S2-511 (110.5 - 50)	ADAPTÖR PROFİLİ ADAPTER PROFILE	1538
	S2-102 (156 - 50.5)	KASA PROFİLİ FRAME	3197		S2-512 (110.5 - 18.6)	ADAPTÖR PROFİLİ ADAPTER PROFILE	930
	S2-103 (110.5 - 50.5)	KASA PROFİLİ FRAME	1988		S1-513 (67.5 - 26.5)	ADAPTÖR PROFİLİ ADAPTER PROFILE	625
	S2-201 (156 - 50.5)	KANAT PROFİLİ CASEMENT PROFILE	1463		S1-514 (67.5 - 36)	ADAPTÖR PROFİLİ ADAPTER PROFILE	635
	S2-202 (156 - 50.5)	KANAT PROFİLİ CASEMENT PROFILE	1339		W2-301 (69 - 29)	ORTA KAYIT PROFİLİ TRANSOM PROFILE	1104
	S2-203 (45 - 78)	KANAT PROFİLİ CASEMENT PROFILE	1361		W2-305 (74 - 34)	ORTA KAYIT PROFİLİ TRANSOM PROFILE	1126
	S2-204 (45 - 78)	KANAT PROFİLİ CASEMENT PROFILE	1110		W2-302 (101 - 57)	ORTA KAYIT PROFİLİ TRANSOM PROFILE	1183
	S1-205 (78 - 31)	KANAT PROFİLİ CASEMENT PROFILE	1110		W2-303 (89 - 49)	ORTA KAYIT PROFİLİ TRANSOM PROFILE	1257
	S2-501 (60 - 57.4)	ADAPTÖR PROFİLİ ADAPTER PROFILE	834		W-609 (50.6 - 39.3)	ORTA KAYIT BİRLEŞTİRME CORNER CLEATS FOR TRANSOM	862
	S2-502 (25.7 - 50)	ADAPTÖR PROFİLİ ADAPTER PROFILE	664		W-610 (50.6 - 39.3)	ORTA KAYIT BİRLEŞTİRME CORNER CLEATS FOR TRANSOM	933

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 töleransı.
Moment değerleri EN 14024'e göre hesaplanmıştır.

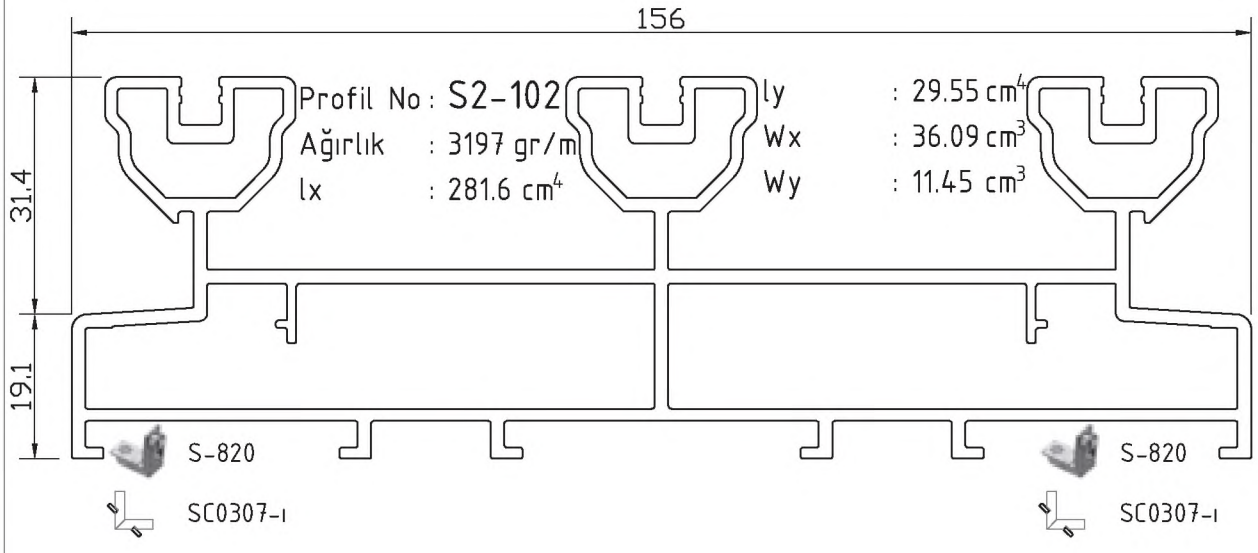
Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2 and TS EN 755-9; moment values are calculated according to EN 14024.

PROFİL KESİTİ PROFILE VIEW	PROFİL NO PROFILE NO	PROFİL AÇIKLAMASI PROFILE DESCRIPTION	gr/m	PROFİL KESİTİ PROFILE VIEW	PROFİL NO PROFILE NO	PROFİL AÇIKLAMASI PROFILE DESCRIPTION	gr/m
	S1-501 (6.5 - 20.8)	CAM ÇITASI GLASS BEAM	154		S1-508 (5 - 9.8)	RAY PR. RAIL PROFILE	90
	S1-506 (9.5 - 20.8)	CAM ÇITASI GLASS BEAM	167		S1-504 (30.8 - 38.5)	ADAPTÖR PROFİLİ ADAPTER PROFILE	311
	S1-507 (13.5 - 20.8)	CAM ÇITASI GLASS BEAM	184		S1-505 (49.9 - 34)	ADAPTÖR PROFİLİ ADAPTER PROFILE	548
	S1-509 (21.5 - 20.8)	CAM ÇITASI GLASS BEAM	218		W-601 (74 - 74) 14.6mm	KÖŞE BİRLEŞTİRME CORNER CLEATS	3415
	S1-510 (27.5 - 20.8)	CAM ÇITASI GLASS BEAM	244		W-611 (67 - 67) 14.6mm	KÖŞE BİRLEŞTİRME CORNER CLEATS	3032
	S1-501-a (6.5 - 20.8)	CAM ÇITASI BOYALI SİPARİŞ İÇİN GLASS BEAM FOR PAINTED ORDER	150		SC0307 (55 - 55) (9.71 mm)	KÖŞE BİRLEŞTİRME CORNER CLEATS	1731
	S1-506-a (9.5 - 20.8)	CAM ÇITASI BOYALI SİPARİŞ İÇİN GLASS BEAM FOR PAINTED ORDER	163				
	S1-507-a (13.5 - 20.8)	CAM ÇITASI BOYALI SİPARİŞ İÇİN GLASS BEAM FOR PAINTED ORDER	180				
	S1-509-a (21.5 - 20.8)	CAM ÇITASI BOYALI SİPARİŞ İÇİN GLASS BEAM FOR PAINTED ORDER	215				
	S1-510-a (27.5 - 20.8)	CAM ÇITASI BOYALI SİPARİŞ İÇİN GLASS BEAM FOR PAINTED ORDER	241				

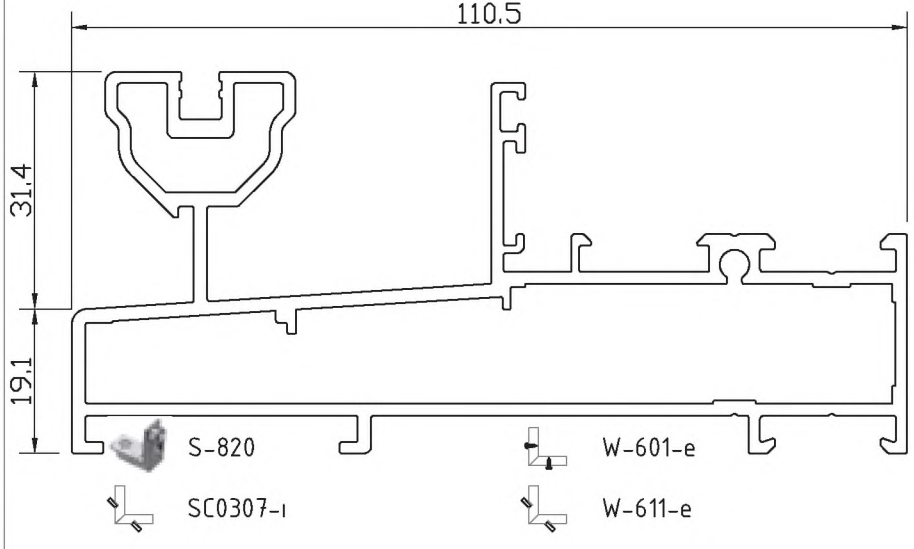
PROFİL KESİTİ PROFILE VIEW	PROFİL NO PROFILE NO	PROFİL AÇIKLAMASI PROFILE DESCRIPTION	gr/m	PROFİL KESİTİ PROFILE VIEW	PROFİL NO PROFILE NO	PROFİL AÇIKLAMASI PROFILE DESCRIPTION	gr/m
	W-511 (3.5 - 24.8)	CAM ÇITASI GLASS BEAM	189		W-511-a (3.5 - 24.8)	CAM ÇITASI GLASS BEAM	194
	W-512 (7.5 - 24.8)	CAM ÇITASI GLASS BEAM	220		W-512-a (7.5 - 24.8)	CAM ÇITASI GLASS BEAM	225
	W-513 (11.5 - 24.8)	CAM ÇITASI GLASS BEAM	230		W-513-a (11.5 - 24.8)	CAM ÇITASI GLASS BEAM	232
	W-514 (15.5 - 24.8)	CAM ÇITASI GLASS BEAM	253		W-514-a (15.5 - 24.8)	CAM ÇITASI GLASS BEAM	230
	W-515 (19.5 - 24.8)	CAM ÇITASI GLASS BEAM	274		W-515-a (19.5 - 24.8)	CAM ÇITASI GLASS BEAM	243
	W-516 (23.5 - 24.8)	CAM ÇITASI GLASS BEAM	286		W-516-a (23.5 - 24.8)	CAM ÇITASI GLASS BEAM	273
	W-517 (27.5 - 24.8)	CAM ÇITASI GLASS BEAM	297		W-517-a (27.5 - 24.8)	CAM ÇITASI GLASS BEAM	285
	W-518 (31.5 - 24.8)	CAM ÇITASI GLASS BEAM	316		W-518-a (31.5 - 24.8)	CAM ÇITASI GLASS BEAM	299
	W-519 (35.5 - 24.8)	CAM ÇITASI GLASS BEAM	337		W-519-a (35.5 - 24.8)	CAM ÇITASI GLASS BEAM	319
	W-520 (39.5 - 24.8)	CAM ÇITASI GLASS BEAM	352		W-520-a (39.5 - 24.8)	CAM ÇITASI GLASS BEAM	332
					W-521-a (43.5 - 24.8)	CAM ÇITASI GLASS BEAM	345



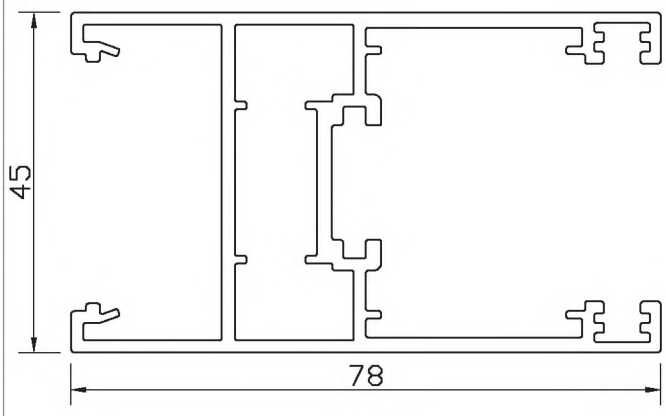
Profil No : S2-101
Ağırlık : 2068 gr/m
lx : 71.40 cm^4
ly : 19.28 cm^4
Wx : 15.03 cm^3
Wy : 7.53 cm^3



Profil No : S2-102
Ağırlık : 3197 gr/m
lx : 281.6 cm^4
ly : 29.55 cm^4
Wx : 36.09 cm^3
Wy : 11.45 cm^3

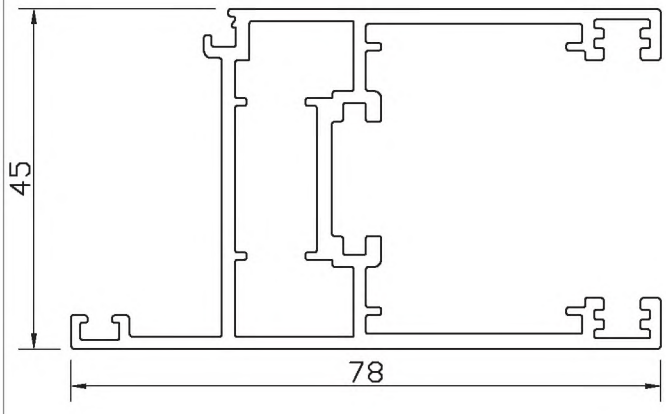


Profil No : S2-103
Ağırlık : 1988 gr/m
lx : 89.86 cm^4
ly : 13.97 cm^4
Wx : 14.62 cm^3
Wy : 4.84 cm^3



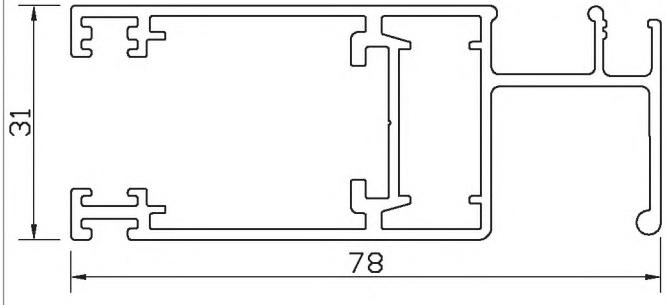
Profil No : S2-201
Ağırlık : 1463 gr/m
Ix : 24.85 cm^4
Iy : 17.79 cm^4
Wx : 6.11 cm^3
Wy : 7.91 cm^3

S-822
S-821



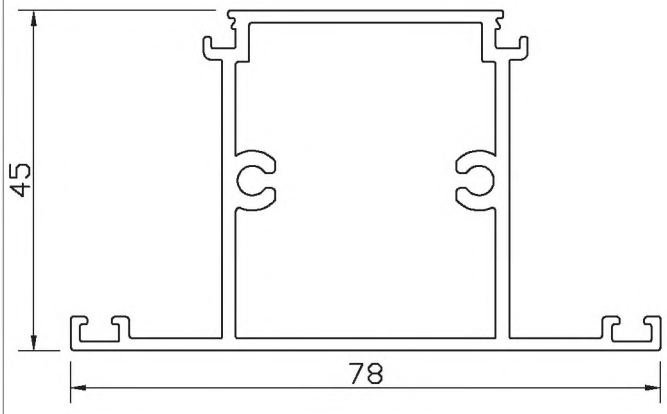
Profil No : S2-202
Ağırlık : 1339 gr/m
Ix : 20.55 cm^4
Iy : 14.49 cm^4
Wx : 5.09 cm^3
Wy : 6.05 cm^3

S-822
S-821

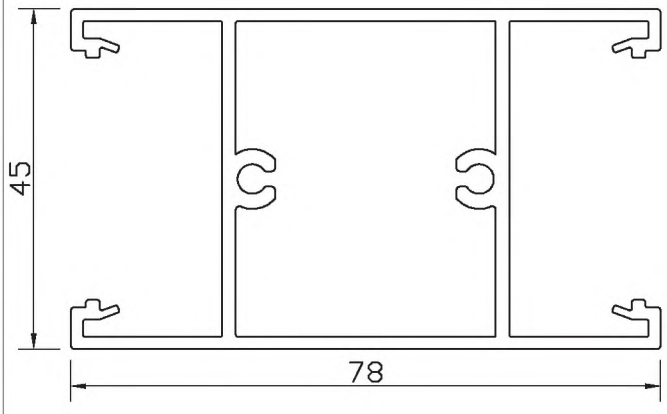


Profil No : S1-205
Ağırlık : 1110 gr/m
Ix : 22.86 cm^4
Iy : 5.52 cm^4
Wx : 5.75 cm^3
Wy : 3.41 cm^3

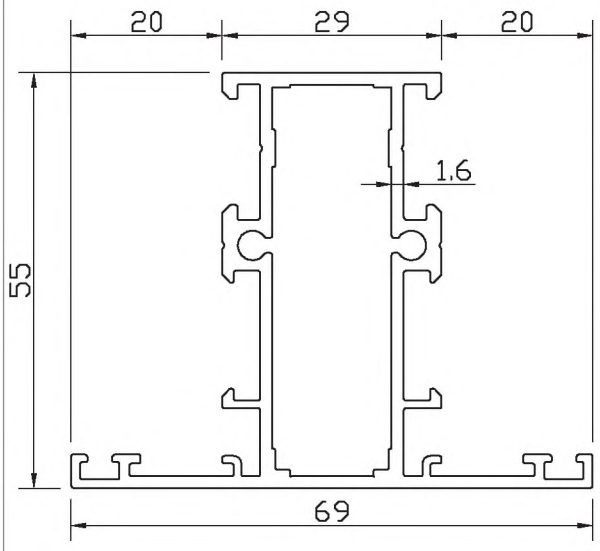
S-822



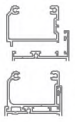
Profil No : S2-204
Ağırlık : 1110 gr/m
Ix : 15.17 cm^4
Iy : 11.29 cm^4
Wx : 3.89 cm^3
Wy : 4.34 cm^3

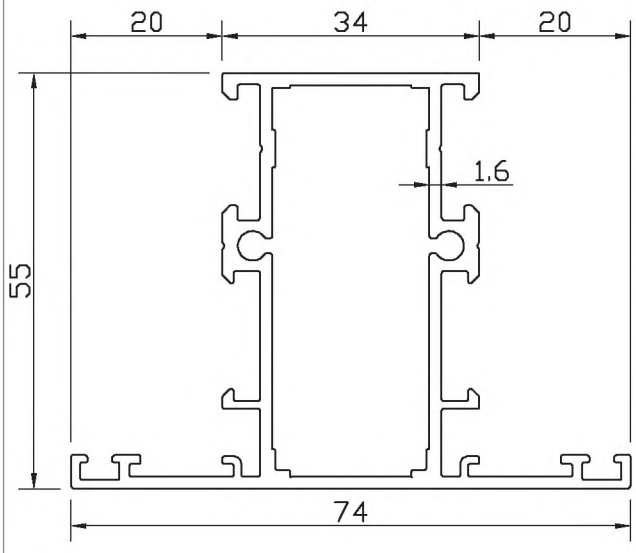


Profil No : S2-203
Ağırlık : 1361 gr/m
Ix : 26.24 cm^4
Iy : 15.85 cm^4
Wx : 6.73 cm^3
Wy : 7.04 cm^3

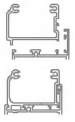


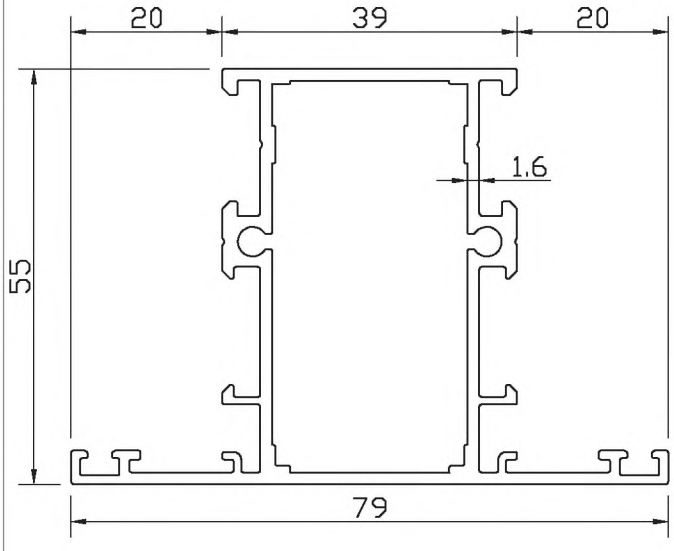
Profil No : W2-301
Ağırlık : 1104 gr/m
Ix : 16.11 cm^4
Iy : 8.68 cm^4
Wx : 4.92 cm^3
Wy : 2.51 cm^3



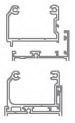


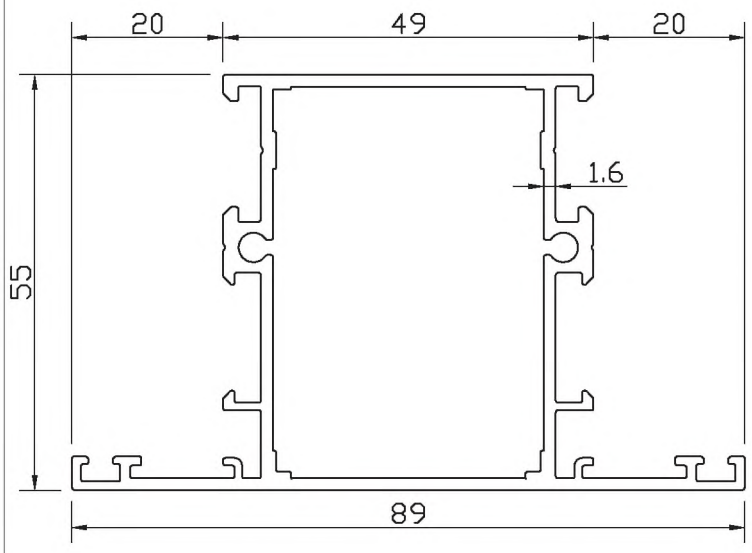
Profil No : W2-305
Ağırlık : 1126 gr/m
Ix : 16.89 cm^4
Iy : 11.42 cm^4
Wx : 5.19 cm^3
Wy : 3.08 cm^3



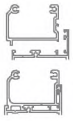


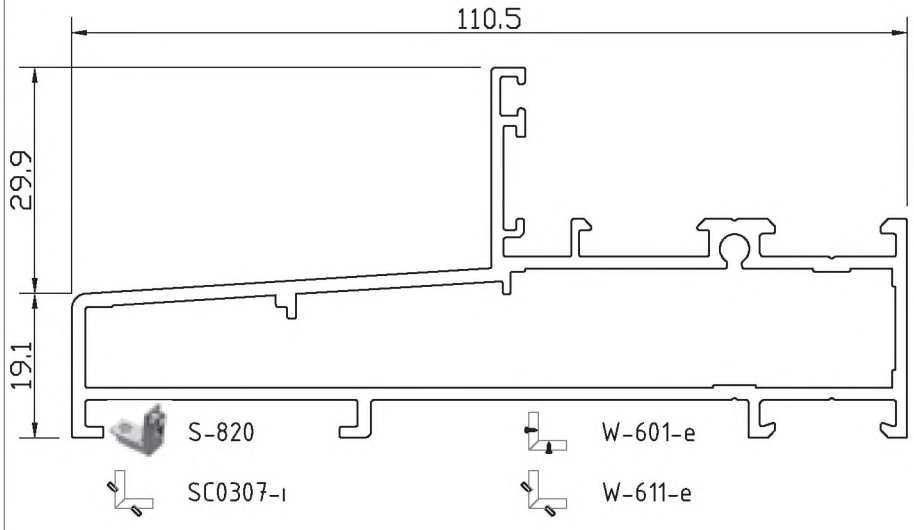
Profil No : W2-302
Ağırlık : 1183 gr/m
Ix : 18.28 cm^4
Iy : 14.83 cm^4
Wx : 5.64 cm^3
Wy : 3.74 cm^3



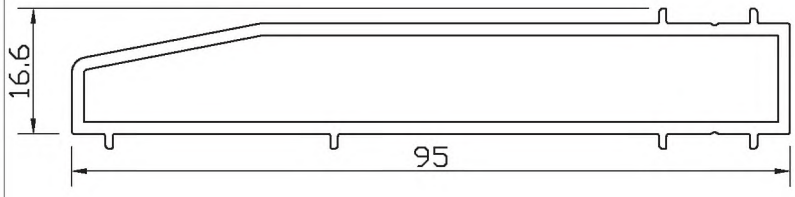


Profil No : W2-303
Ağırlık : 1257 gr/m
Ix : 20.32 cm^4
Iy : 23.13 cm^4
Wx : 6.33 cm^3
Wy : 5.19 cm^3

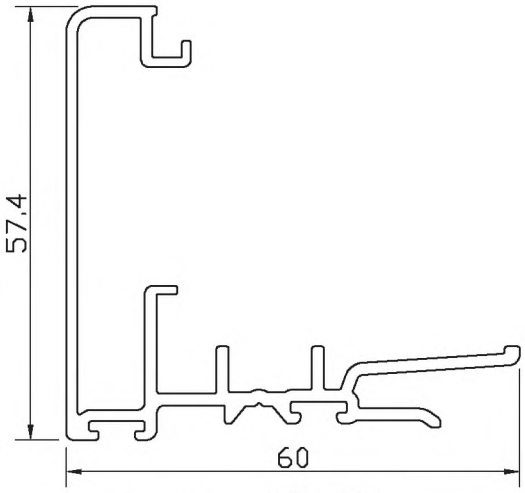




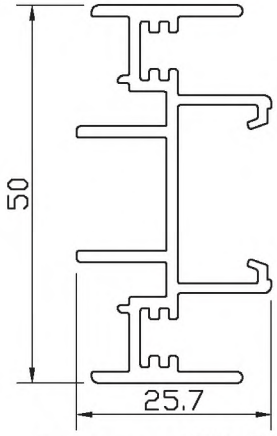
Profil No : S2-511
Ağırlık : 1538 gr/m
Ix : 65.76 cm^4
Iy : 6.60 cm^4
Wx : 11.27 cm^3
Wy : 2.01 cm^3



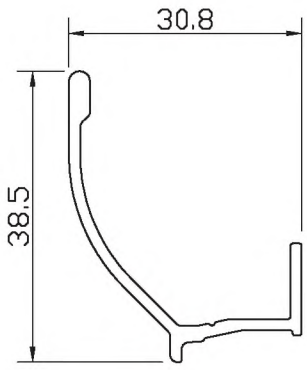
Profil No : S2-512
Ağırlık : 930 gr/m



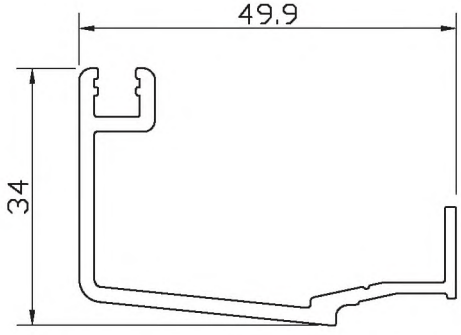
Profil No : S2-501
Ağırlık : 834 gr/m



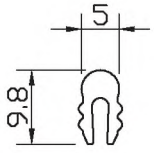
Profil No : S2-502
Ağırlık : 664 gr/m



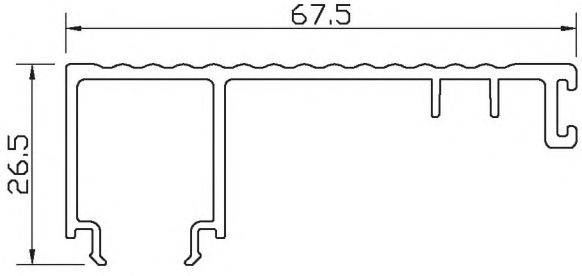
Profil No : S1-504
Ağırlık : 311 gr/m



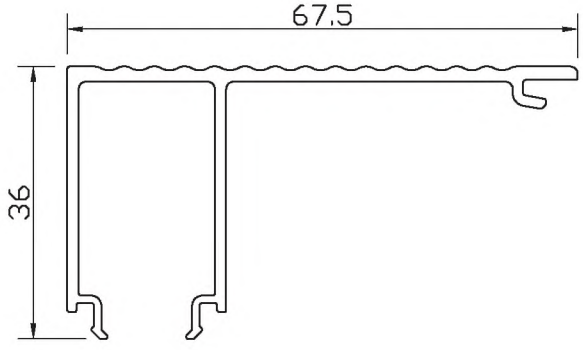
Profil No : S1-505
Ağırlık : 548 gr/m



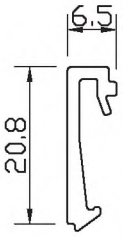
Profil No : S1-508
Ağırlık : 90 gr/m



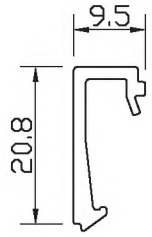
Profil No : S1-513
Ağırlık : 625 gr/m



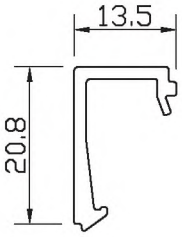
Profil No : S1-514
Ağırlık : 635 gr/m



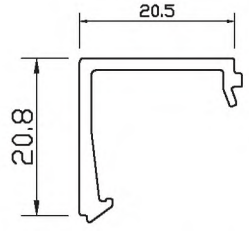
Profil No : S1-501
Ağırlık : 154 gr/m



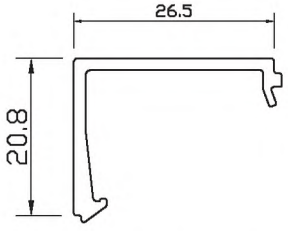
Profil No : S1-506
Ağırlık : 167 gr/m



Profil No : S1-507
Ağırlık : 184 gr/m

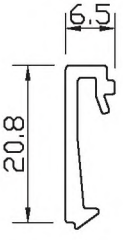


Profil No : S1-509
Ağırlık : 218 gr/m

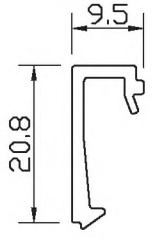


Profil No : S1-510
Ağırlık : 244 gr/m

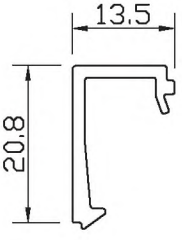
Boyalı siparişler için
For painted order



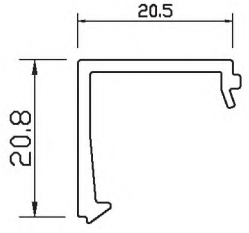
Profil No : S1-501-a
Ağırlık : 150 gr/m



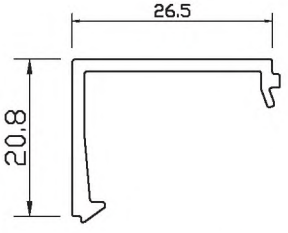
Profil No : S1-506-a
Ağırlık : 163 gr/m



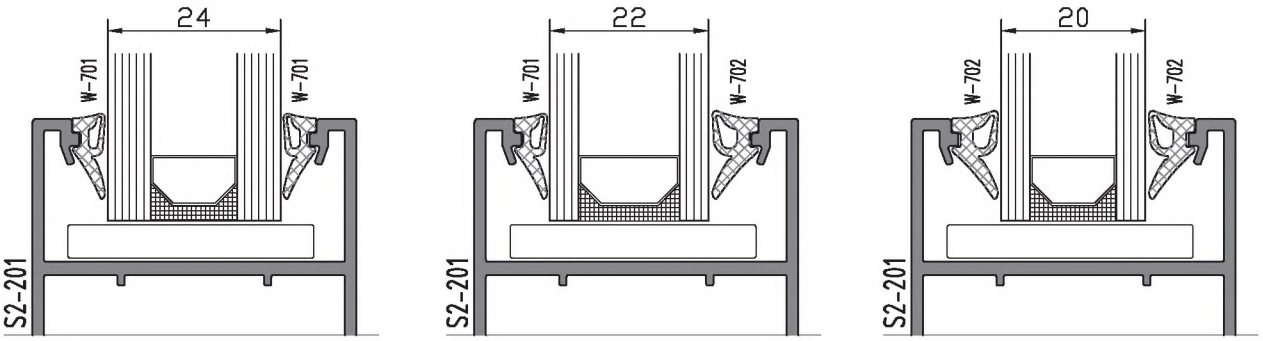
Profil No : S1-507-a
Ağırlık : 180 gr/m



Profil No : S1-509-a
Ağırlık : 215 gr/m



Profil No : S1-510-a
Ağırlık : 241 gr/m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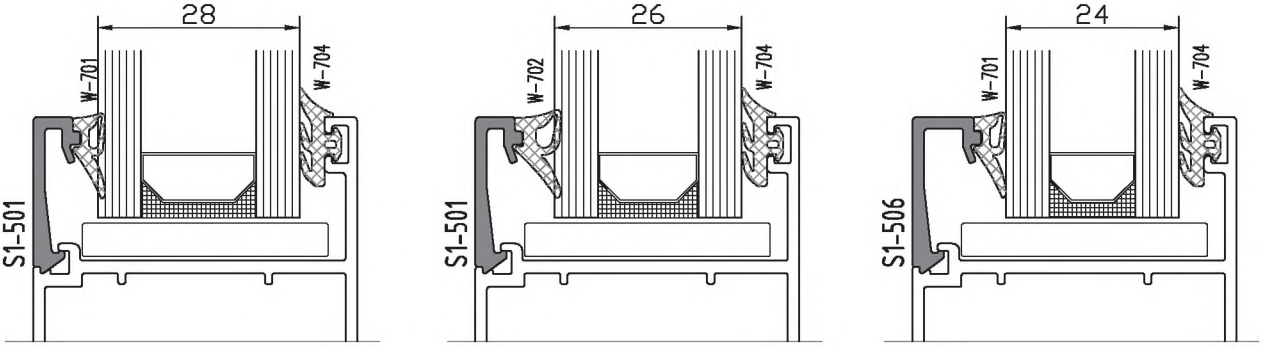
S2-201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W-704
S1-501
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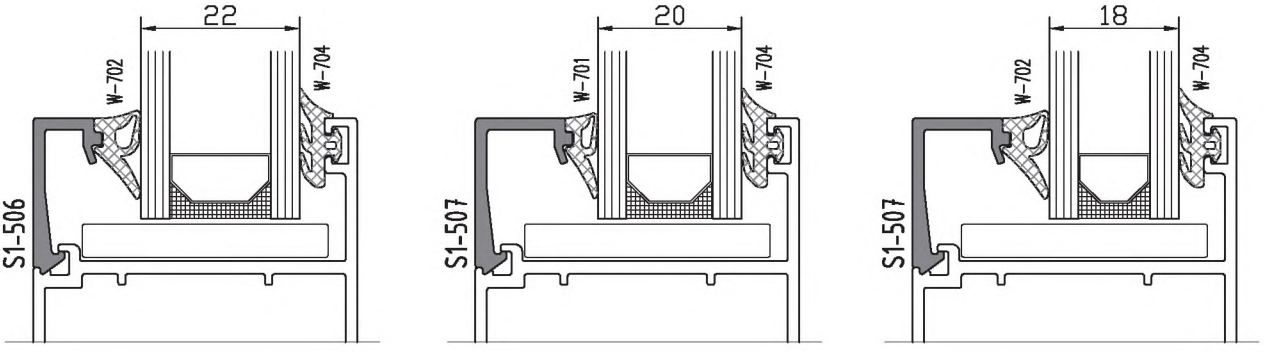
W-702
W-704
S1-501
24
W-701
W-704
S1-506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W-704
S1-507
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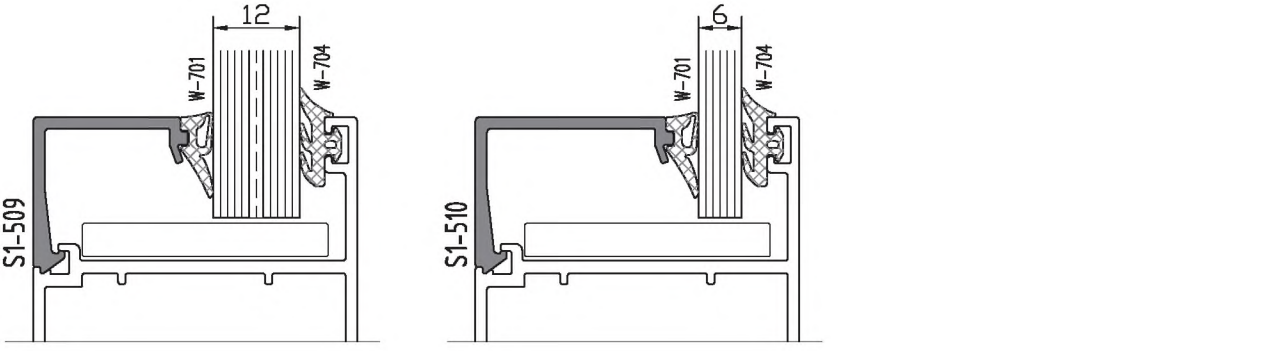
W-704
S1-507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W-704
S1-509
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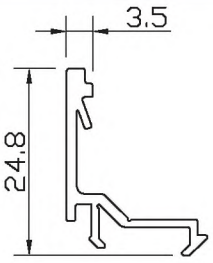
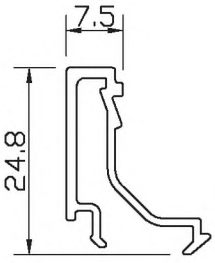
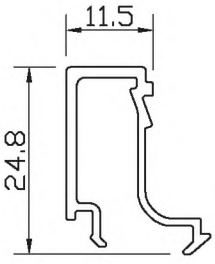
W-701
W-704
S1-510



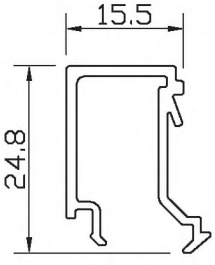
Profil No : W-511
Ağırlık : 189 gr/m



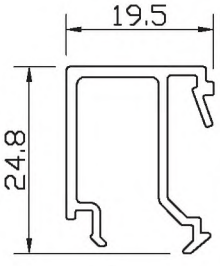
Profil No : W-512
Ağırlık : 220 gr/m



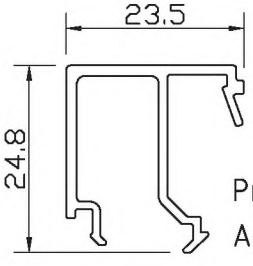
Profil No : W-513
Ağırlık : 230 gr/m



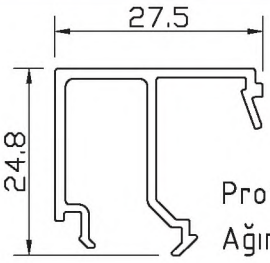
Profil No : W-514
Ağırlık : 253 gr/m



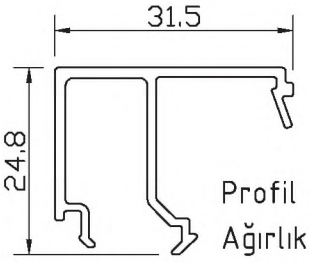
Profil No : W-515
Ağırlık : 274 gr/m



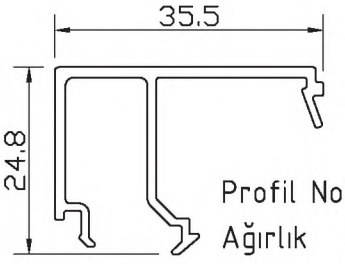
Profil No : W-516
Ağırlık : 286 gr/m



Profil No : W-517
Ağırlık : 297 gr/m



Profil No : W-518
Ağırlık : 316 gr/m



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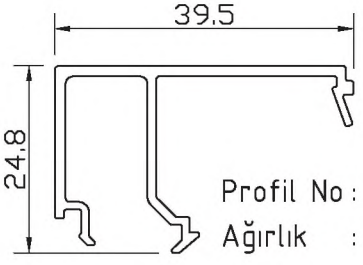
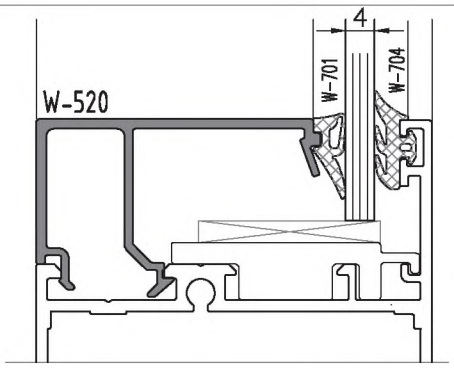
Ağırlık : 337 gr/m



Profil No : W-520
Ağırlık : 352 gr/m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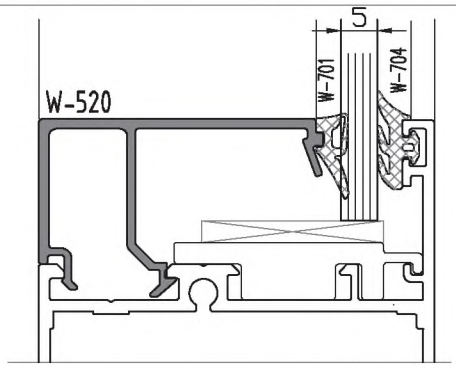
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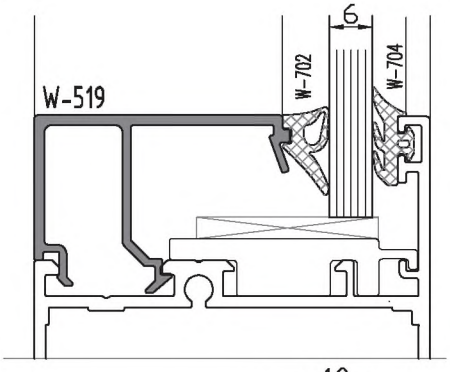
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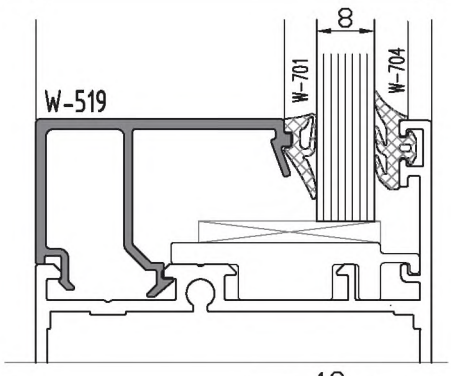
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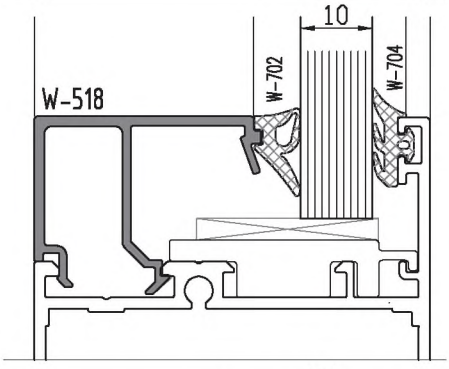
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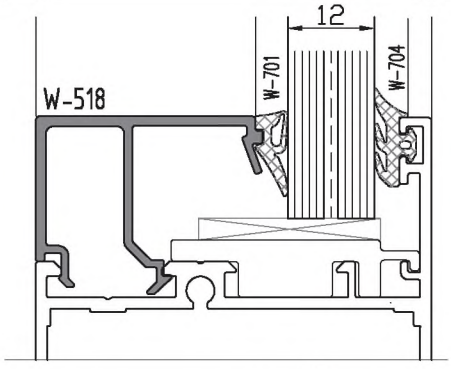
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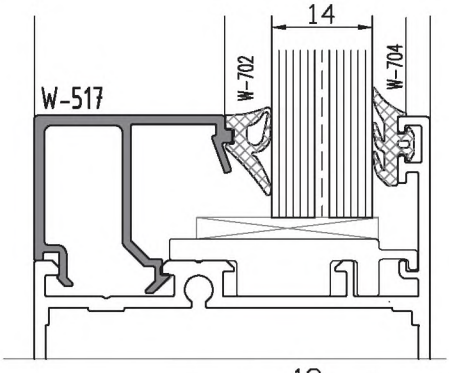
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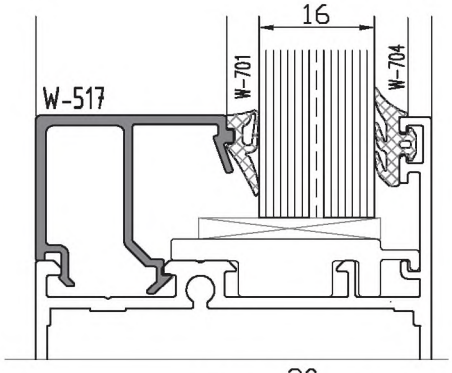
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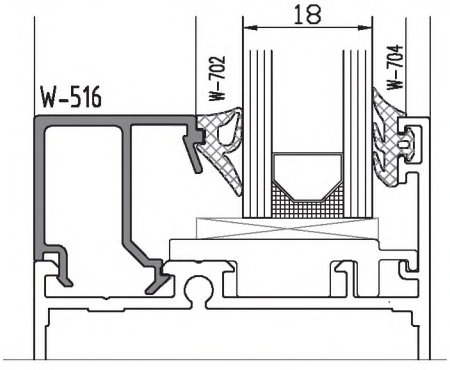
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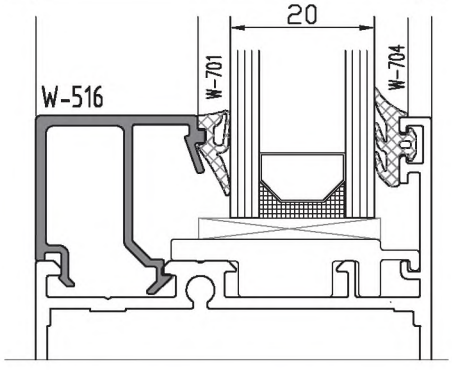
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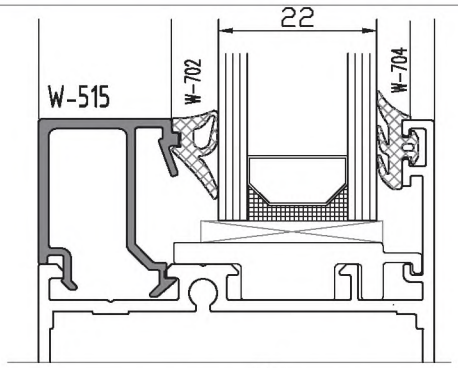
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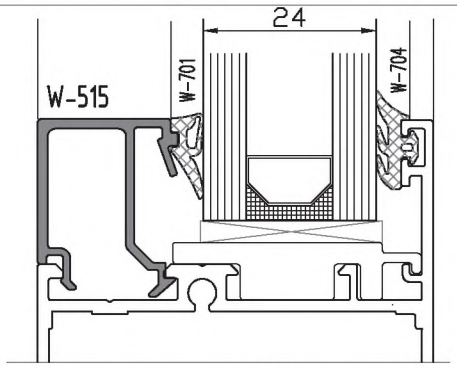
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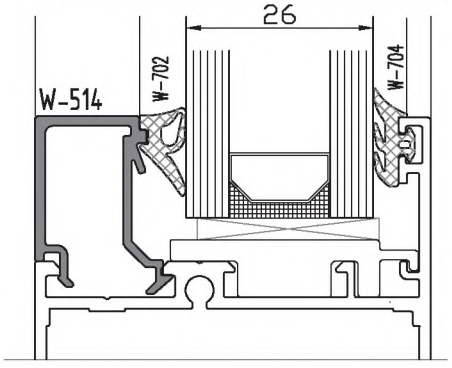
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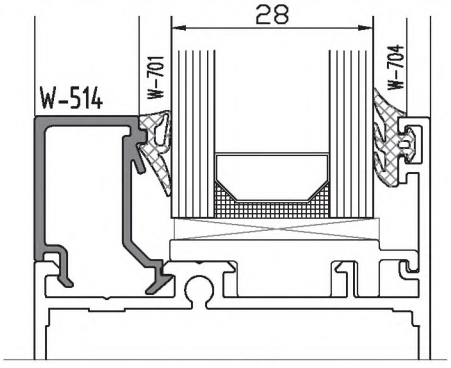
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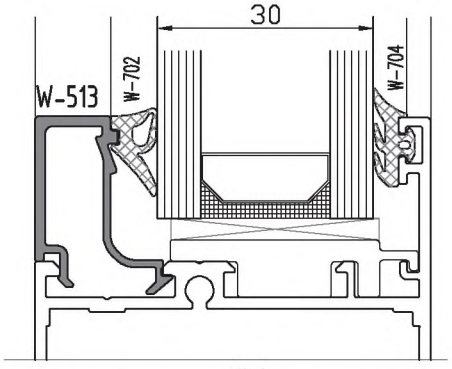
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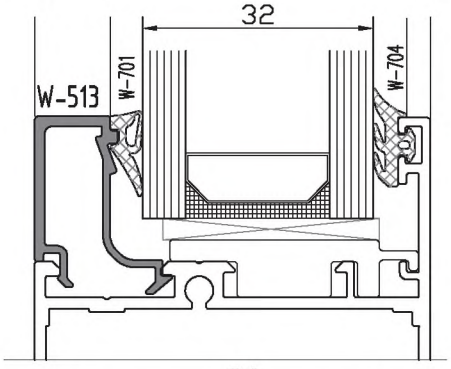
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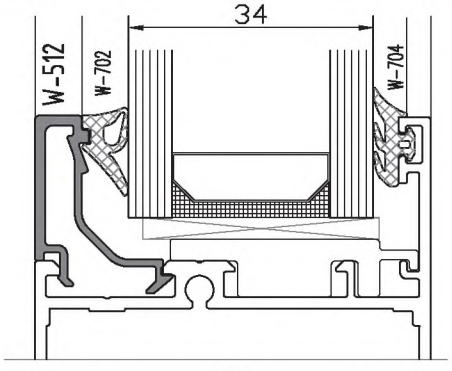
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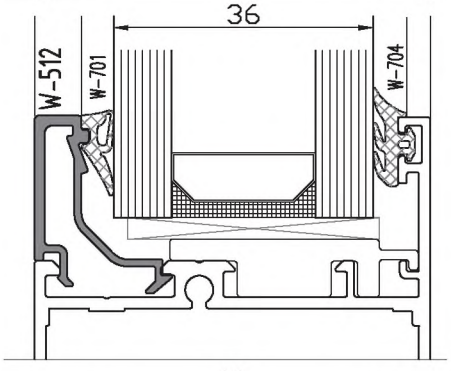
W-704


36
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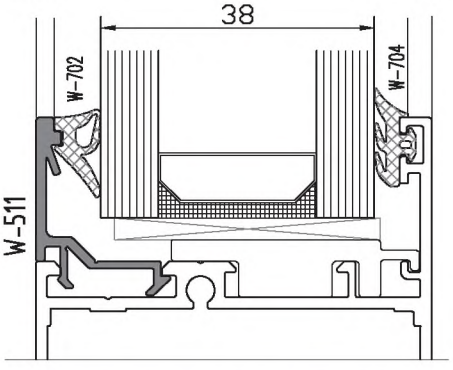
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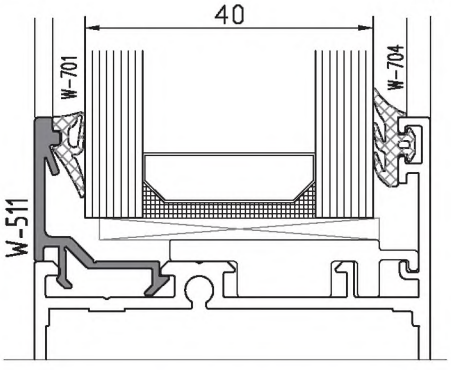
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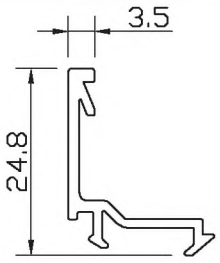
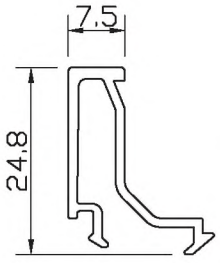
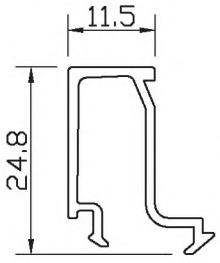


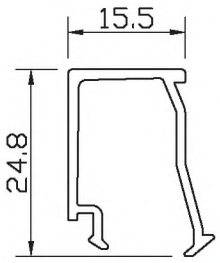
Profil No : W-511-a
Ağırlık : 194 gr/m



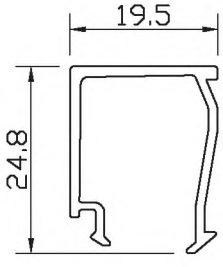
Profil No : W-512-a
Ağırlık : 225 gr/m



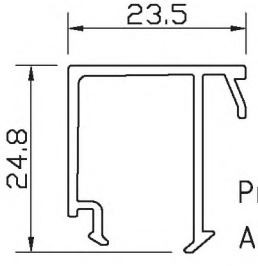
Profil No : W-513-a
Ağırlık : 232 gr/m



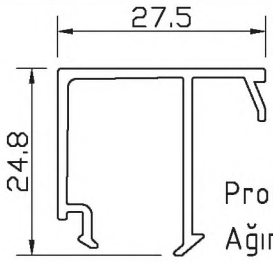
Profil No : W-514-a
Ağırlık : 230 gr/m



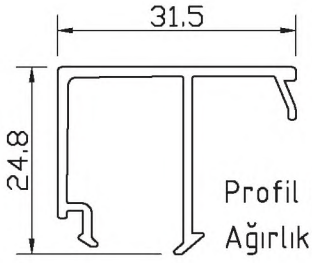
Profil No : W-515-a
Ağırlık : 243 gr/m



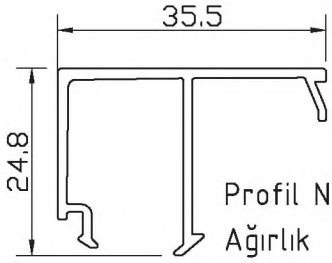
Profil No : W-516-a
Ağırlık : 273 gr/m



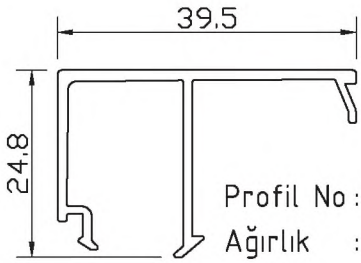
Profil No : W-517-a
Ağırlık : 285 gr/m



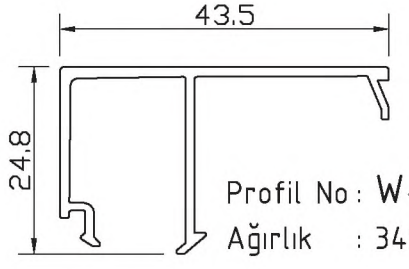
Profil No : W-518-a
Ağırlık : 299 gr/m



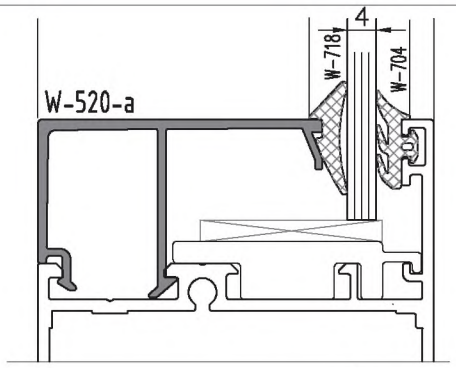
Profil No : W-519-a
Ağırlık : 319 gr/m

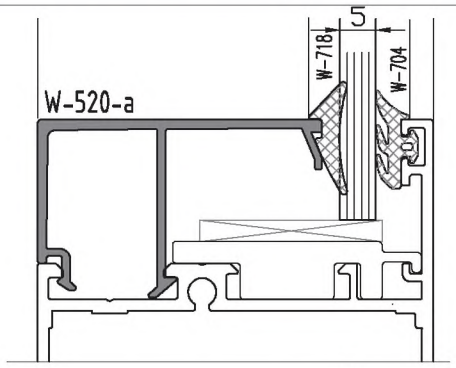


Profil No : W-520-a
Ağırlık : 332 gr/m



Profil No : W-521-a
Ağırlık : 345 gr/m


4
W-718
W-704
W-520-a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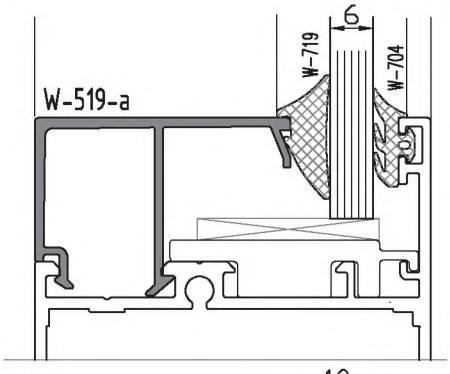
W-704
W-520-a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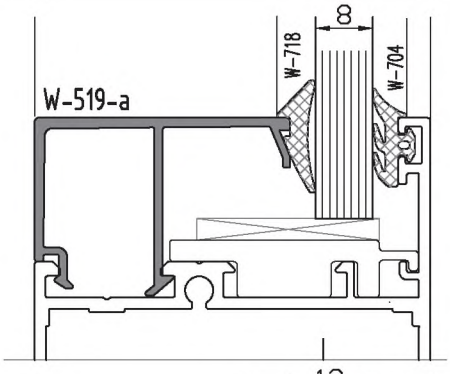
W-719
W-704
W-519-a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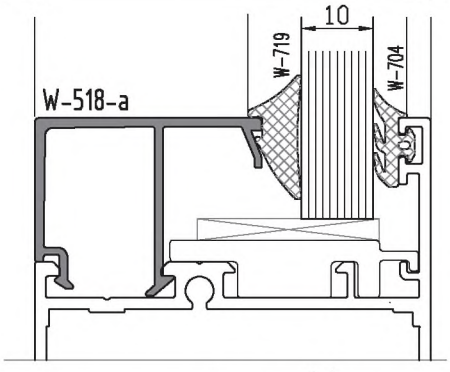
W-519-a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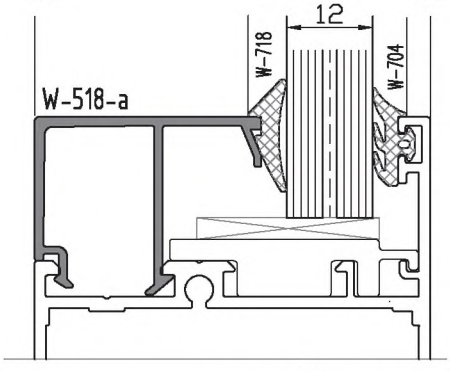
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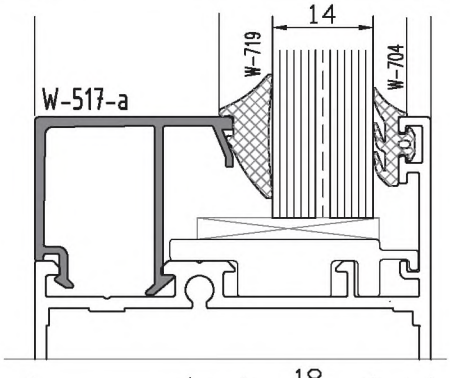
W-518-a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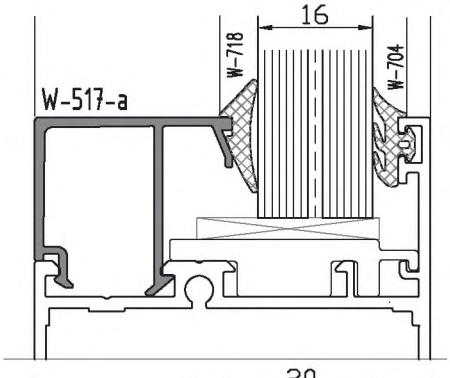
W-517-a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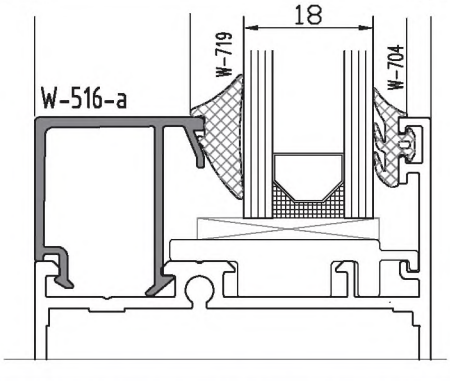
W-517-a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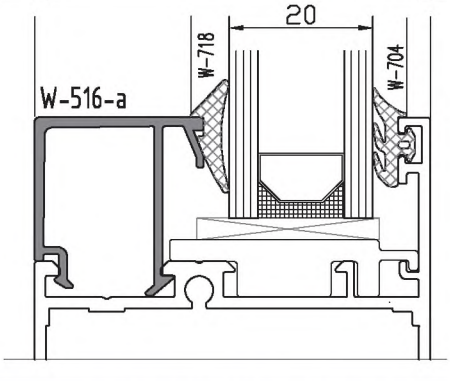
W-704
W-516-a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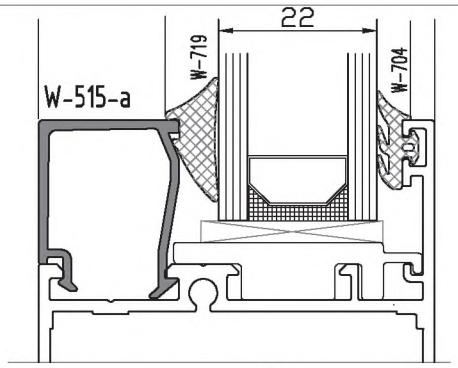
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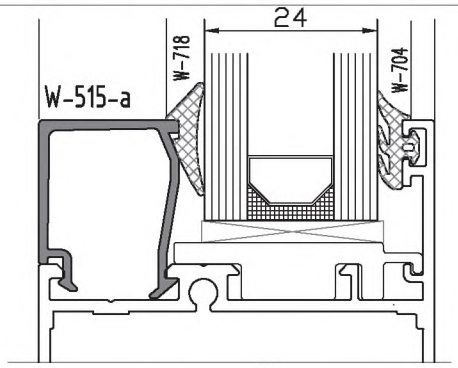
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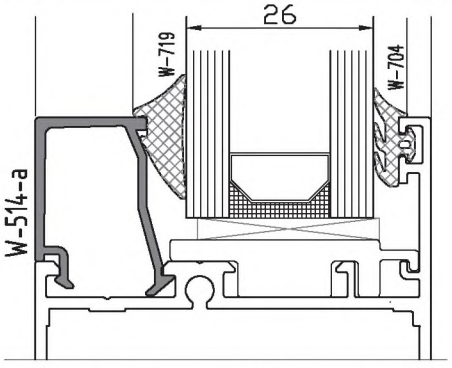
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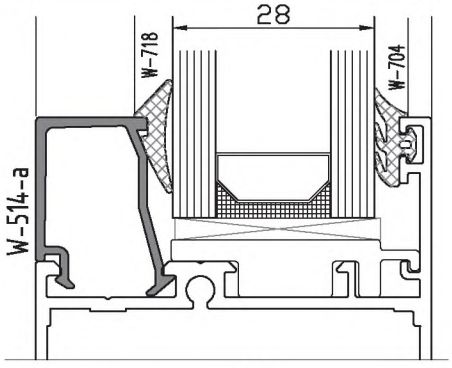
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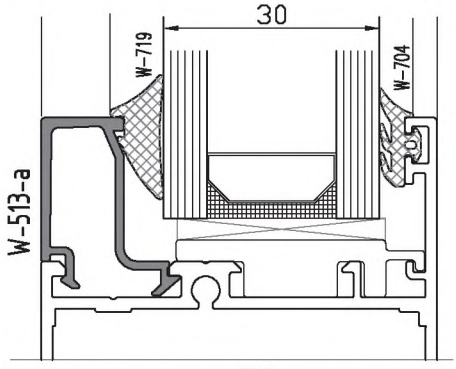
W-514-a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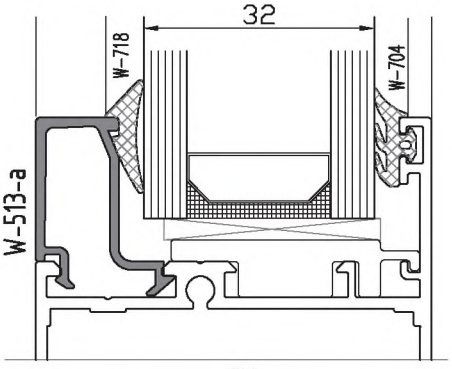
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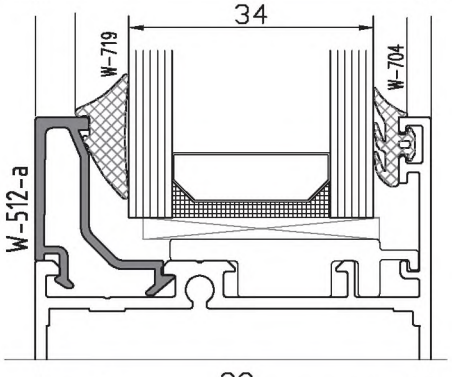
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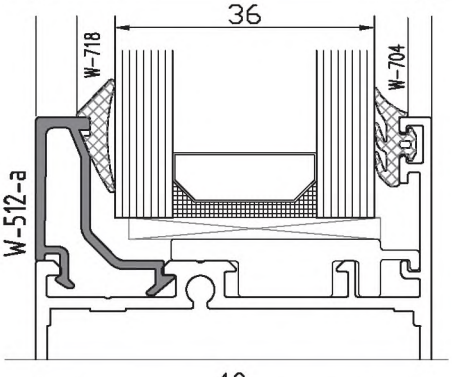
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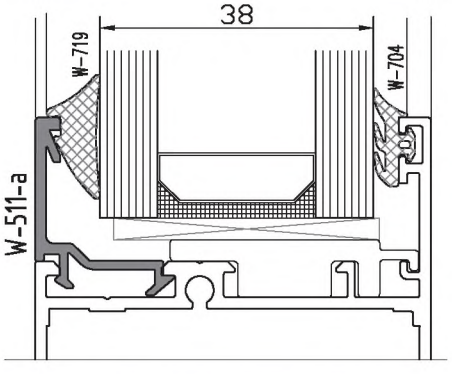
W-704
W-512-a


38
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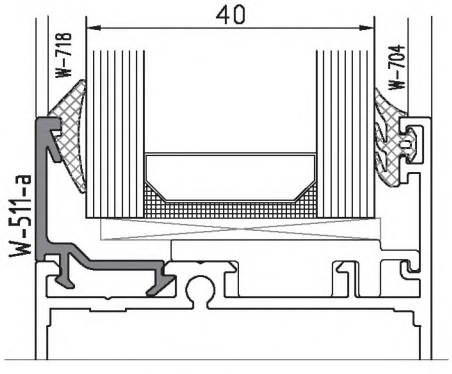
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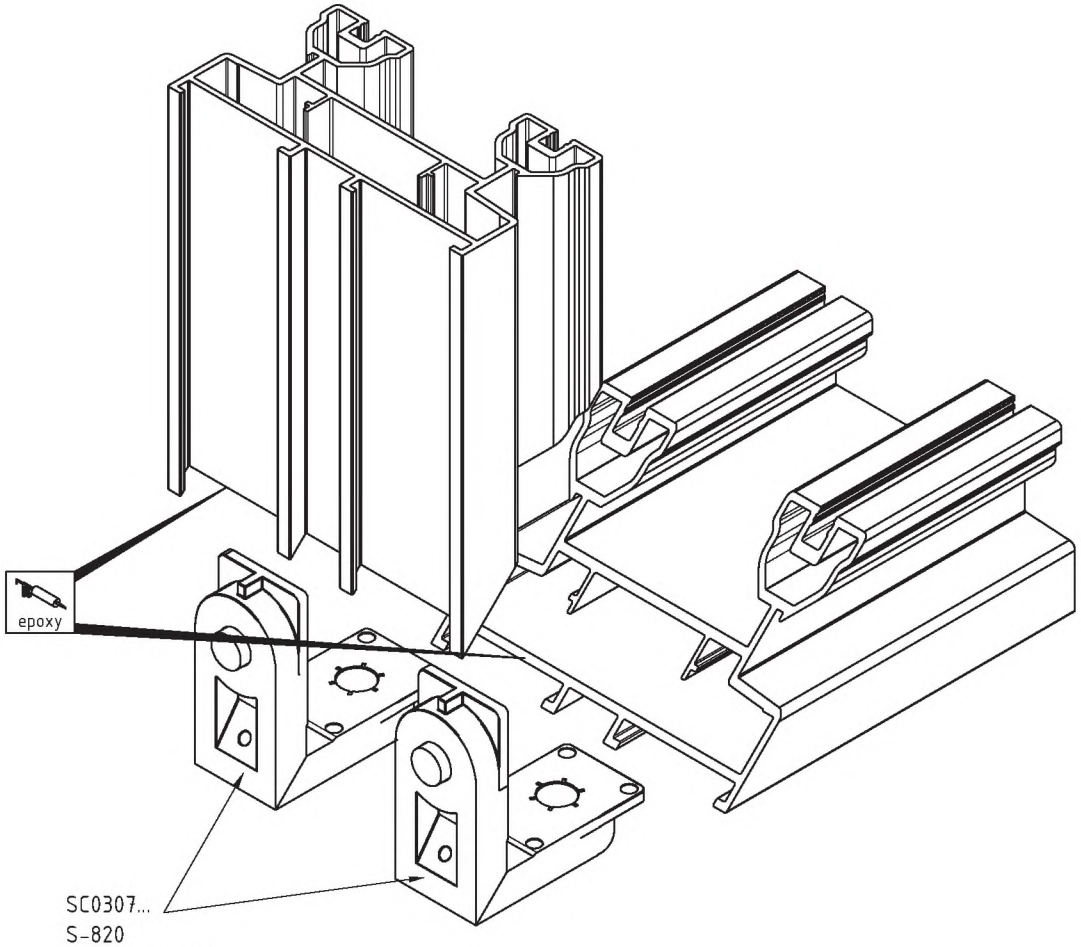
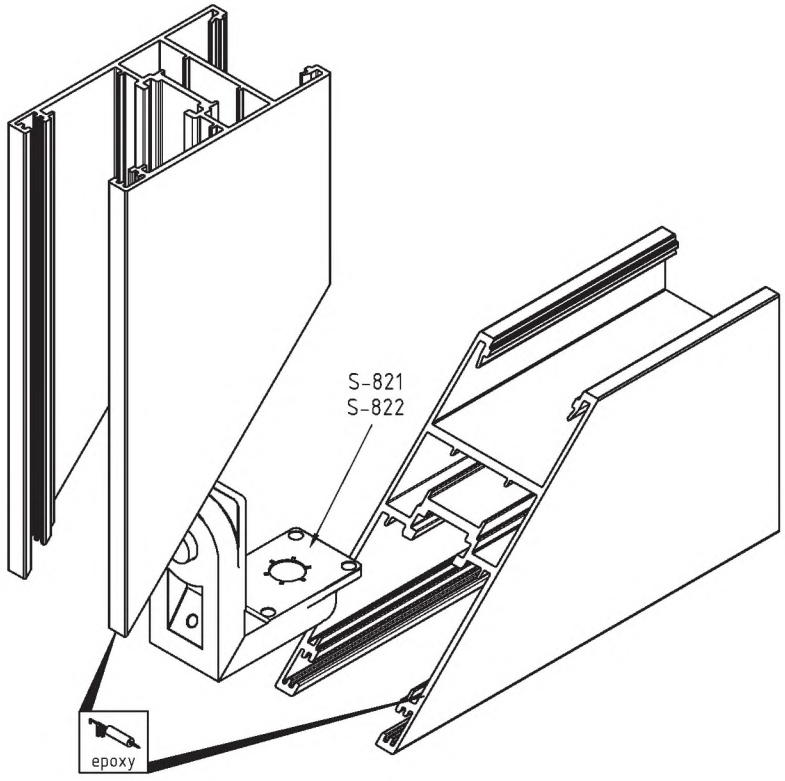
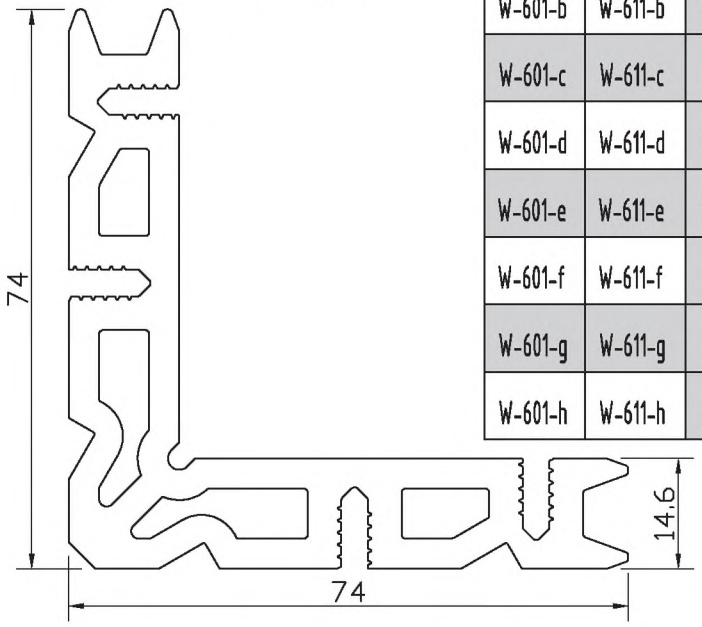

epoxy
SC0307...
S-820
W-601.../ W-611...

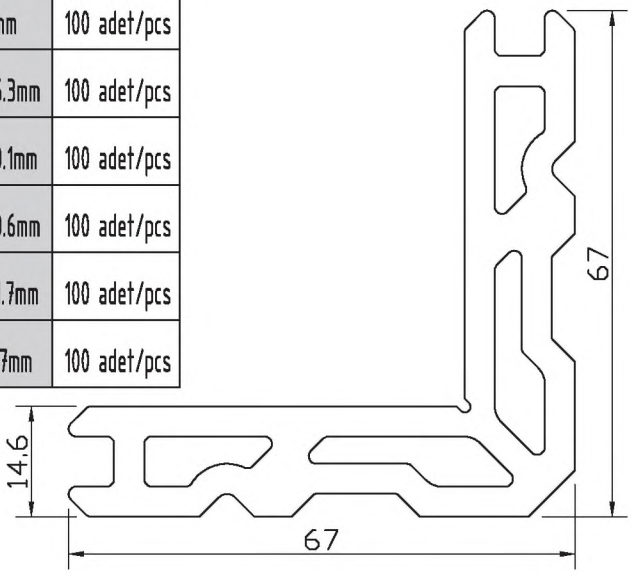

S-821
S-822
epoxy

Profil No : W-601
Ağırlık : 3415 gr/m

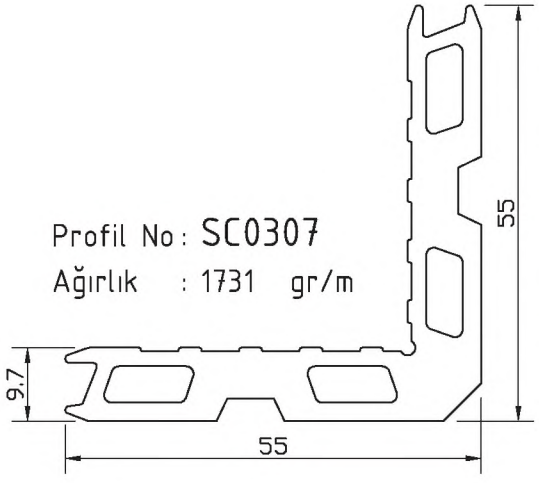


W-601-a	W-611-a	8.2mm	100 adet/pcs
W-601-b	W-611-b	23.6mm	100 adet/pcs
W-601-c	W-611-c	6mm	100 adet/pcs
W-601-d	W-611-d	25.3mm	100 adet/pcs
W-601-e	W-611-e	50.1mm	100 adet/pcs
W-601-f	W-611-f	50.6mm	100 adet/pcs
W-601-g	W-611-g	41.7mm	100 adet/pcs
W-601-h	W-611-h	4.7mm	100 adet/pcs

Profil No : W-611
Ağırlık : 3032 gr/m

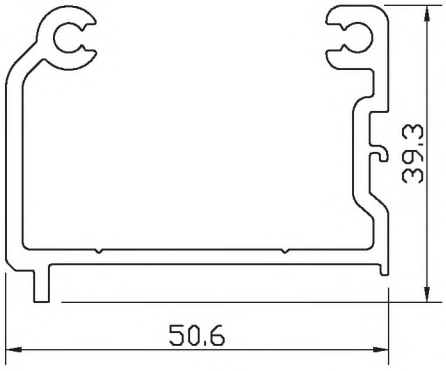


Profil No : SC0307
Ağırlık : 1731 gr/m



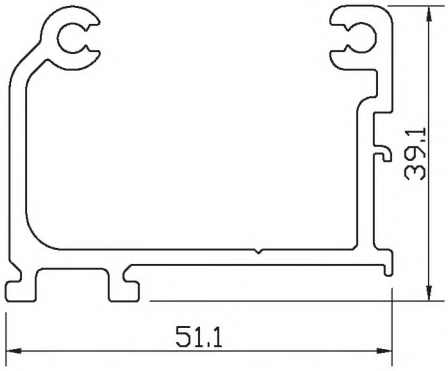
SC0307-a	10.25mm	100 adet/pcs
SC0307-b	27mm	100 adet/pcs
SC0307-c	8.5mm	100 adet/pcs
SC0307-d	23.9mm	100 adet/pcs
SC0307-e	6.3mm	100 adet/pcs

SC0307-f	25.6mm	100 adet/pcs
SC0307-g	6mm	100 adet/pcs
SC0307-h	4.7mm	100 adet/pcs
SC0307-ı	26.28mm	100 adet/pcs
SC0307-j	29.5mm	100 adet/pcs

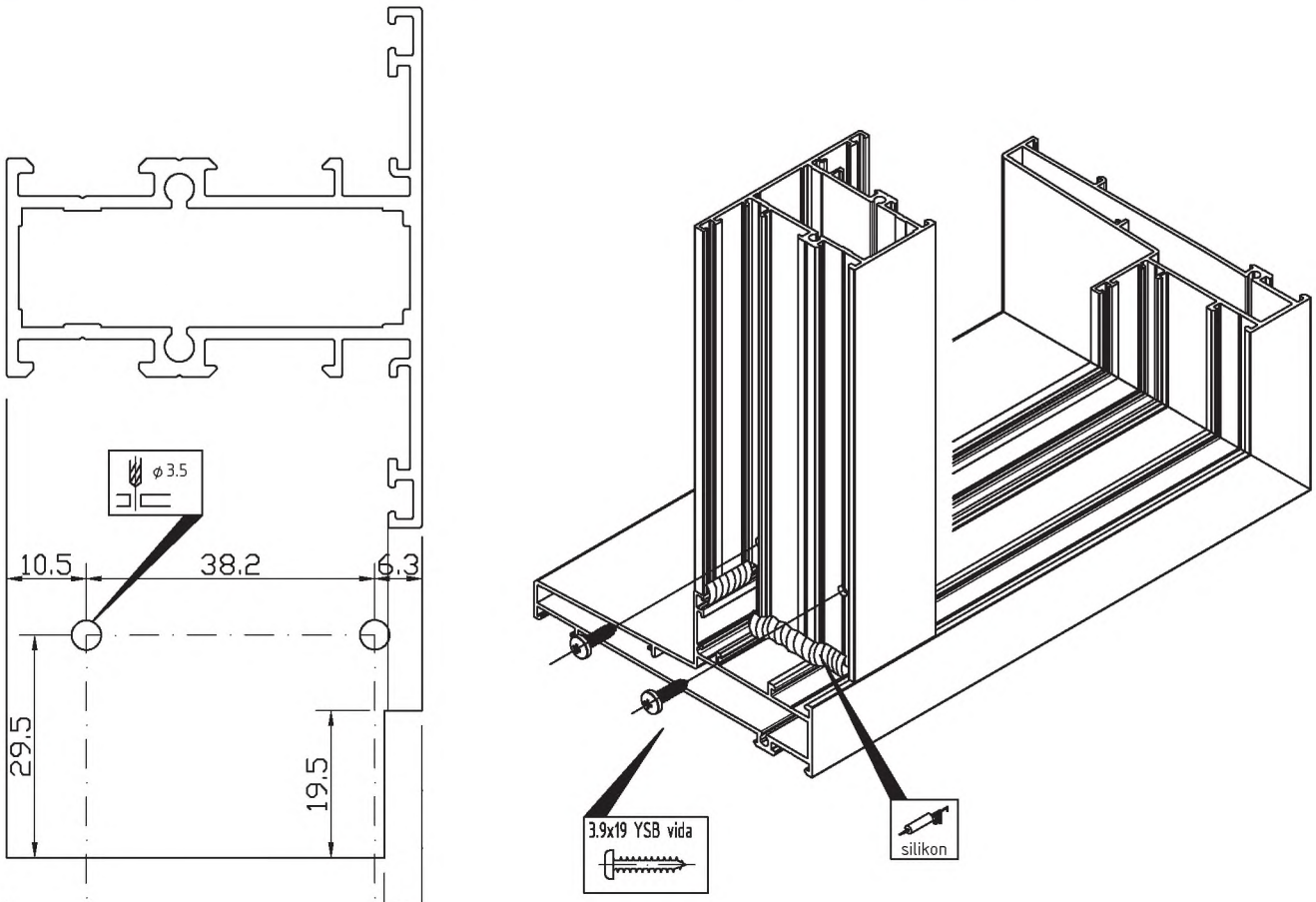


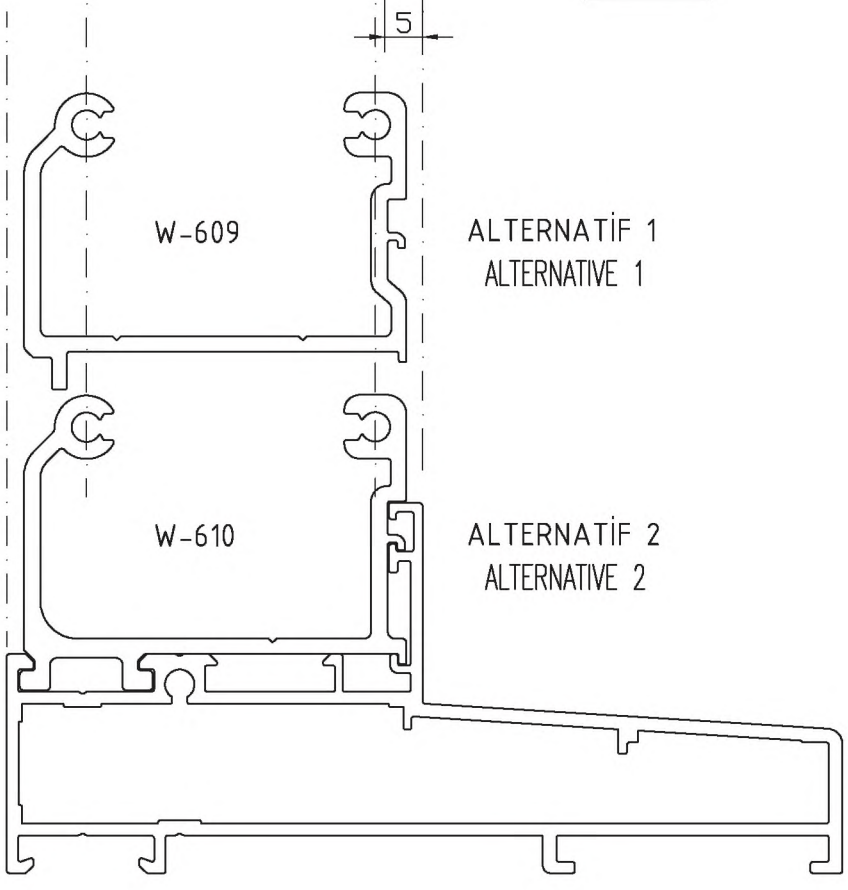
W-609-a	W-610-a	14.6mm	100 adet/pcs
W-609-b	W-610-b	24.6mm	100 adet/pcs
W-609-c	W-610-c	34.6mm	100 adet/pcs
W-609-d	W-610-d	55.6mm	100 adet/pcs
W-609-e	W-610-e	80.3mm	100 adet/pcs
W-609-f	W-610-f	110.6mm	100 adet/pcs

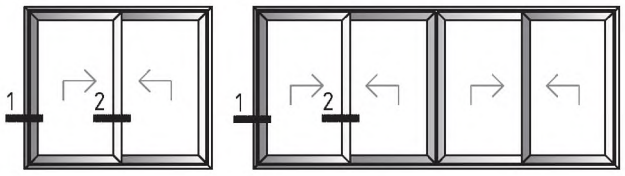
Profil No : W-609
Ağırlık : 862 gr/m



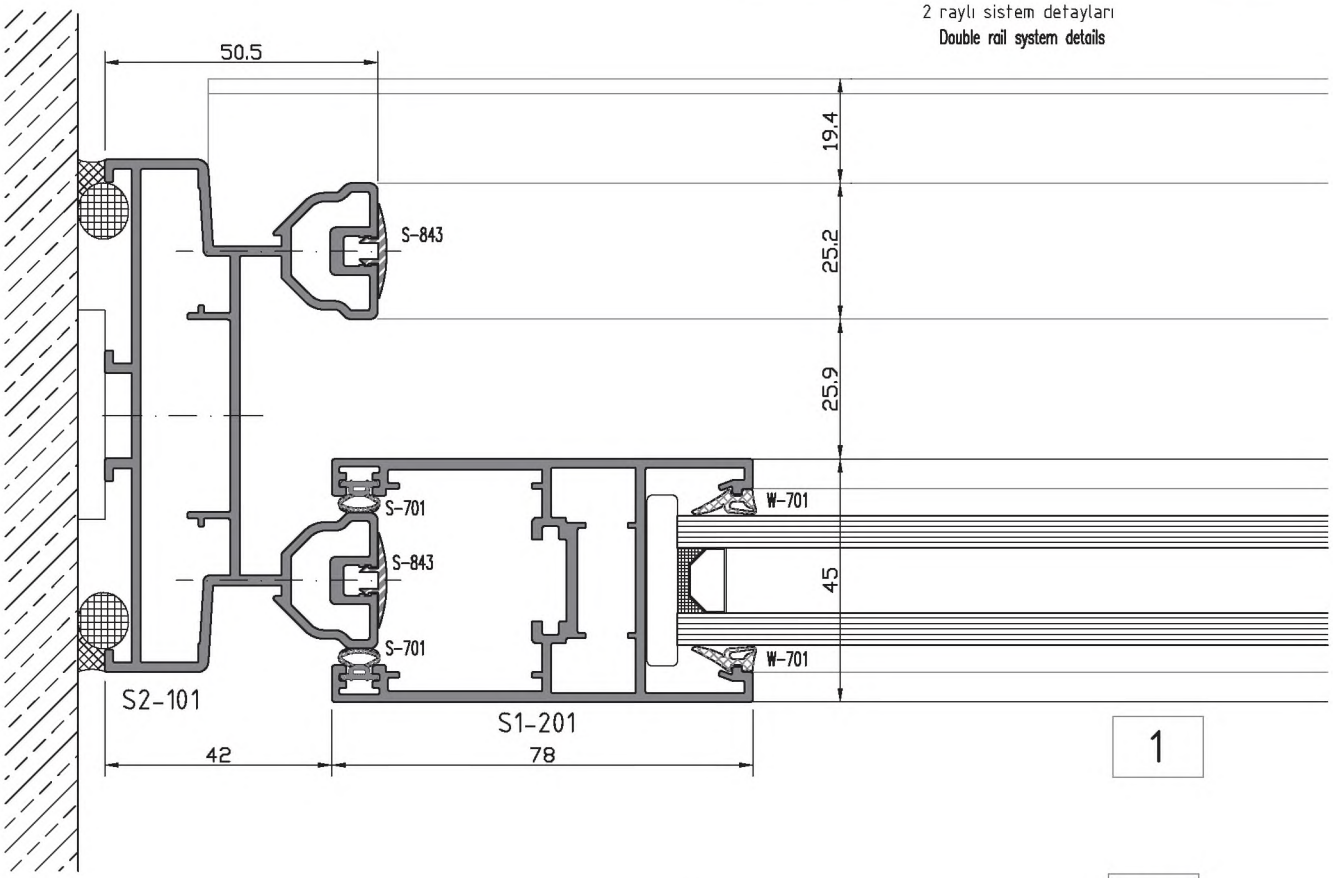
Profil No : W-610
Ağırlık : 933 gr/m


ø 3.5
10.5
38.2
6.3
29.5
19.5
5
3.9x19 YSB vida
silikon


W-609
ALTERNATİF 1
ALTERNATIVE 1
W-610
ALTERNATİF 2
ALTERNATIVE 2

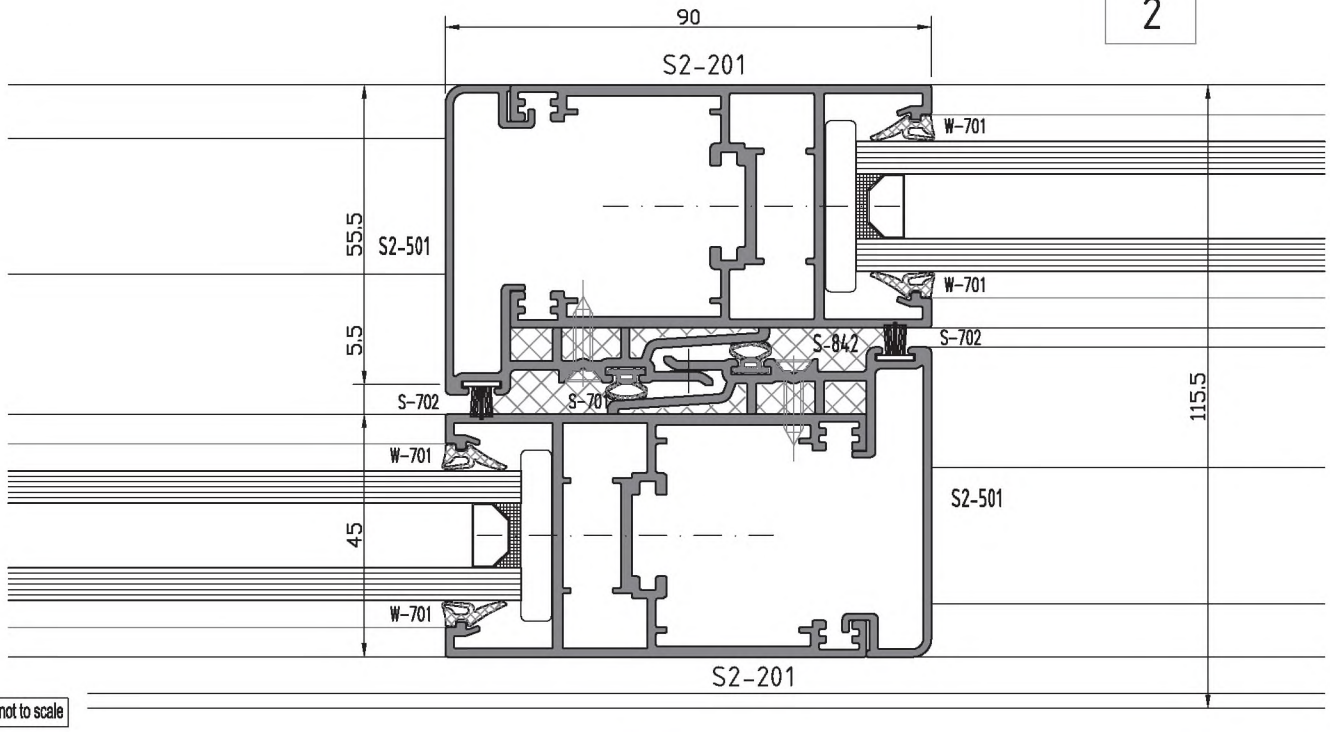


2 raylı sistem detayları
Double rail system details

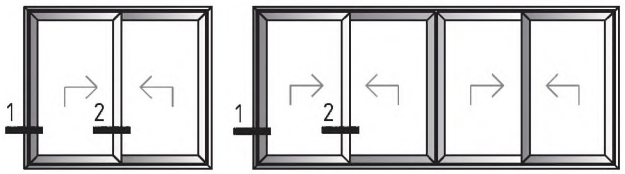


1

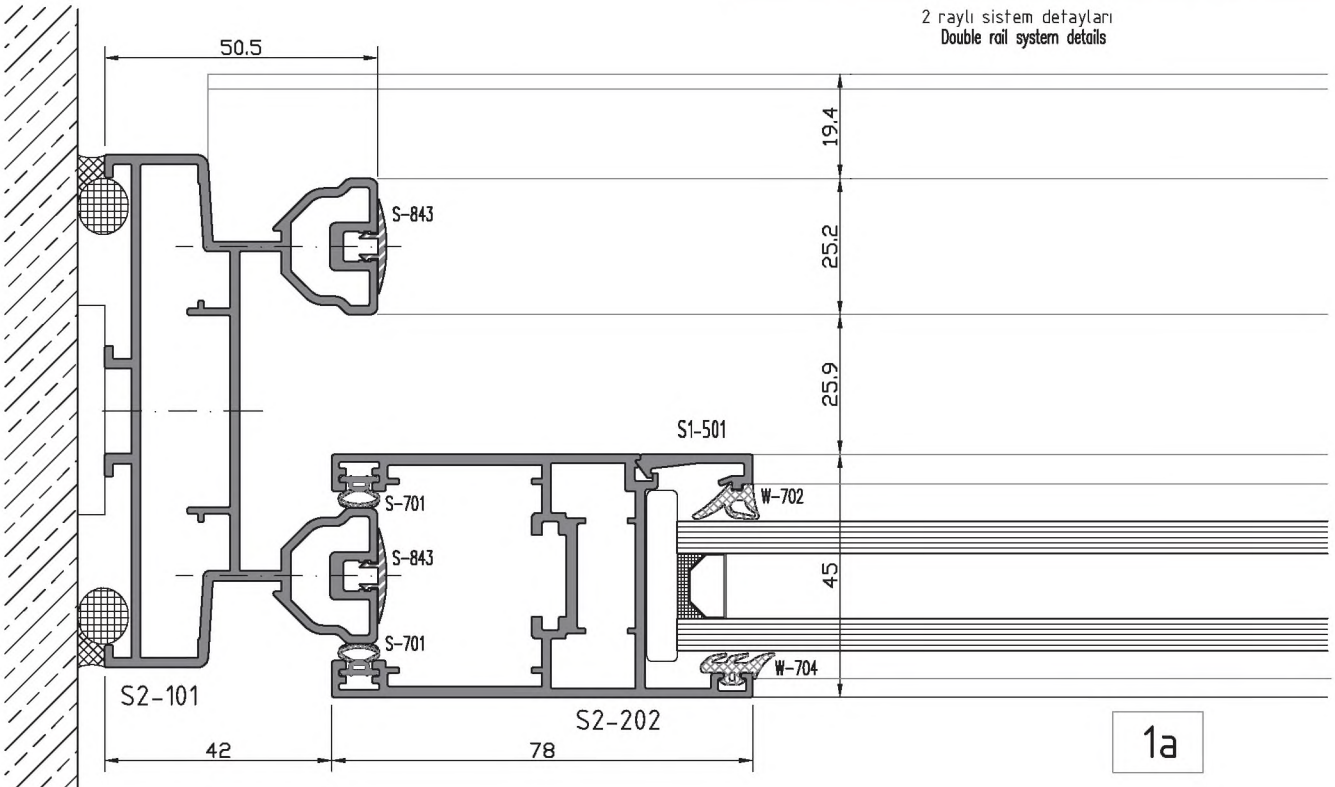
2



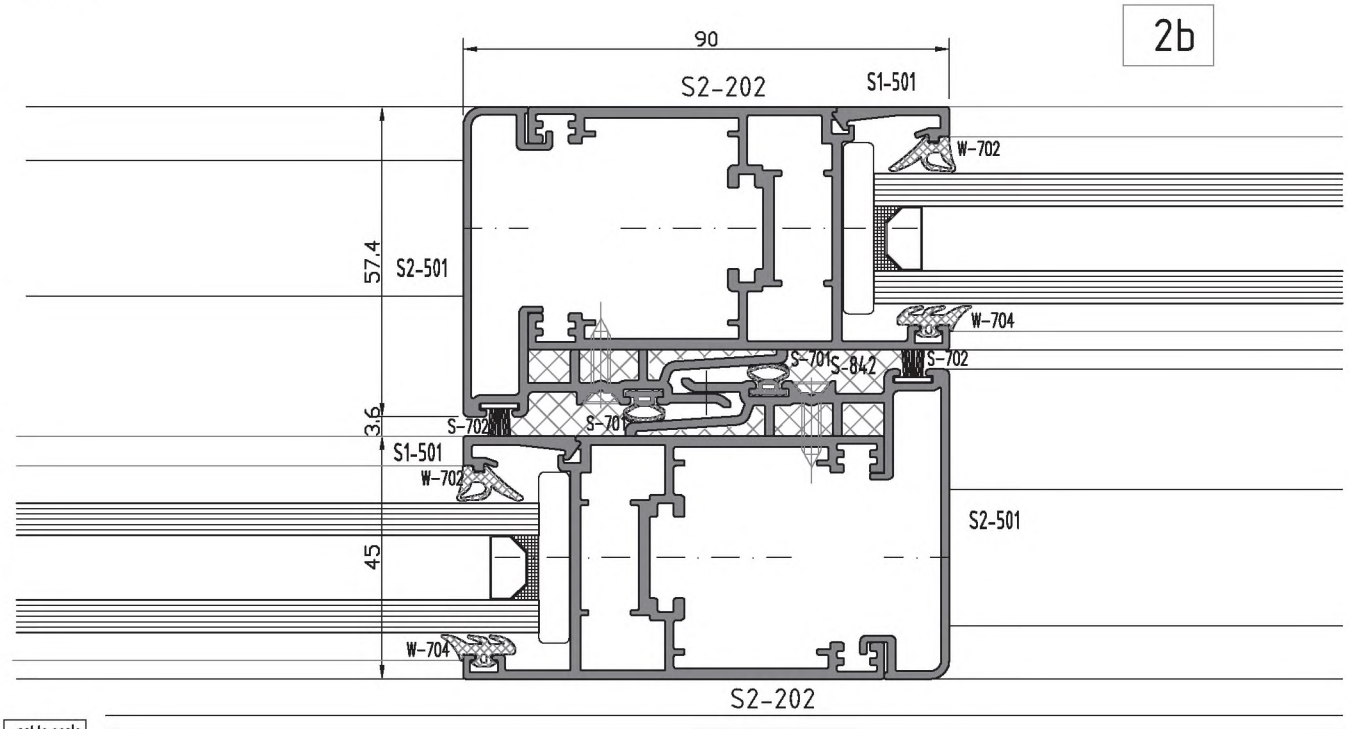
not to scale



2 raylı sistem detayları
Double rail system details

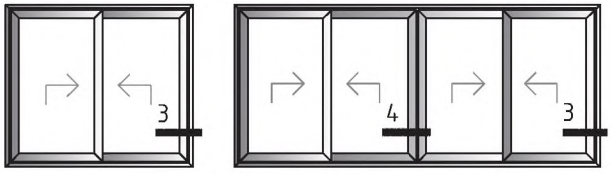


1a



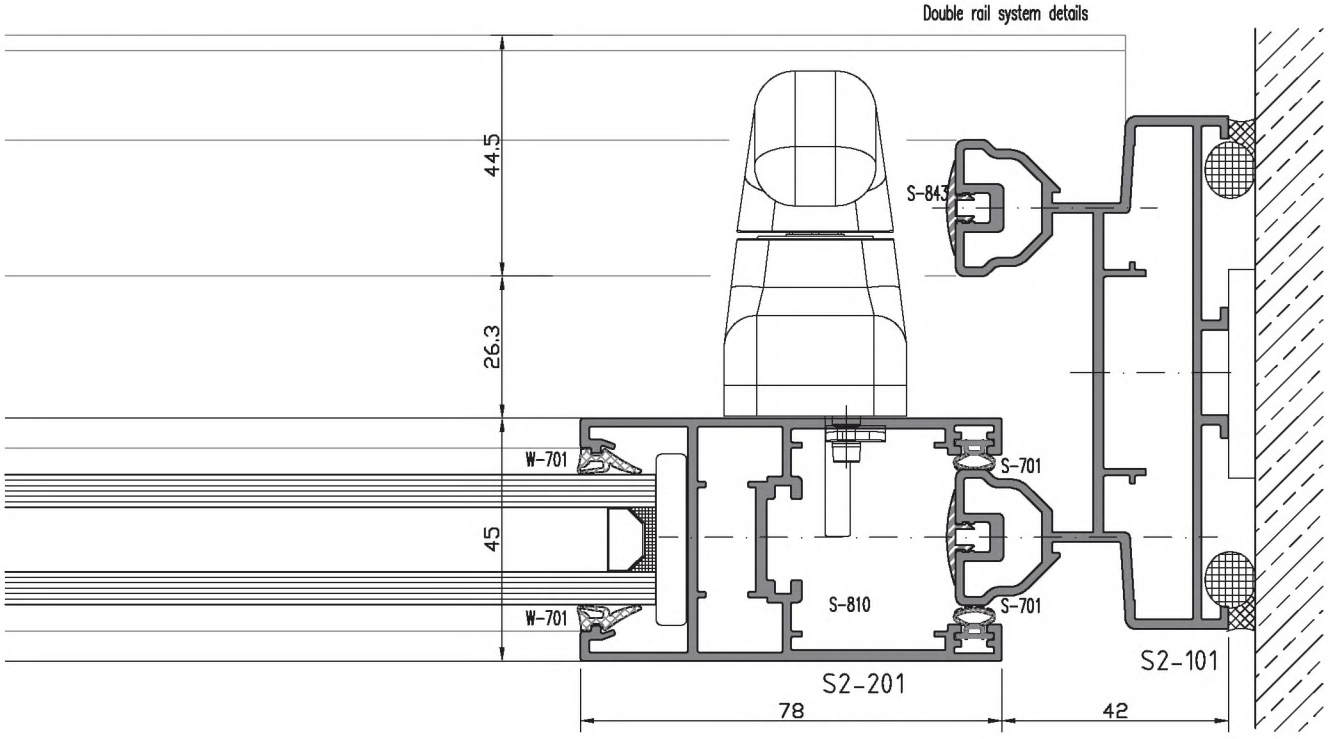
2b

not to scale



2 raylı sistem detayları
Double rail system details

3



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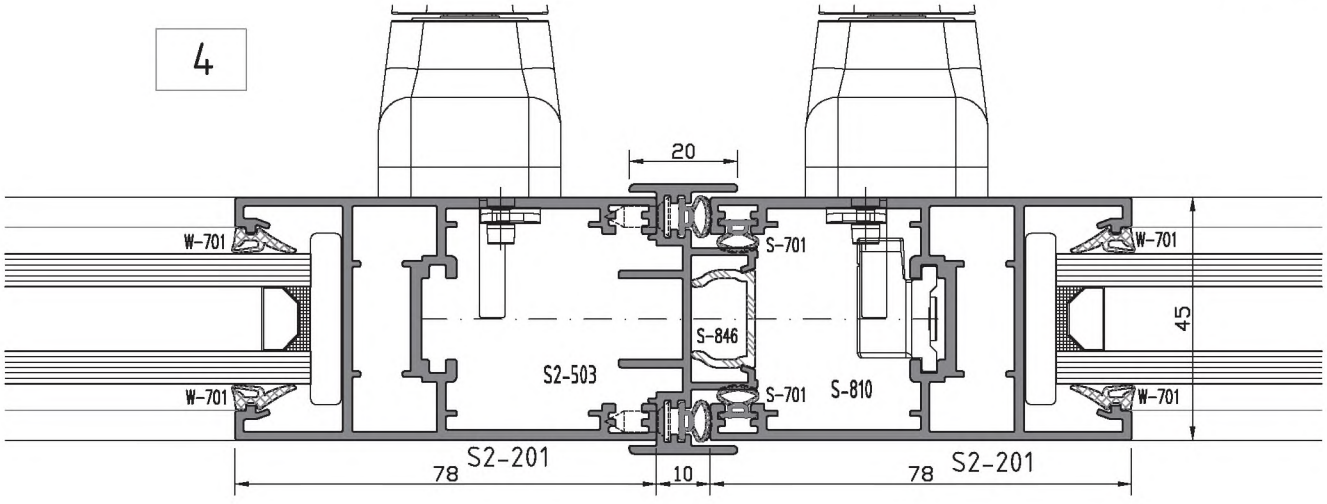
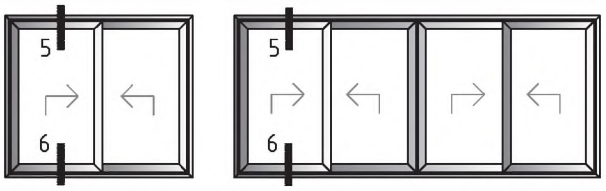
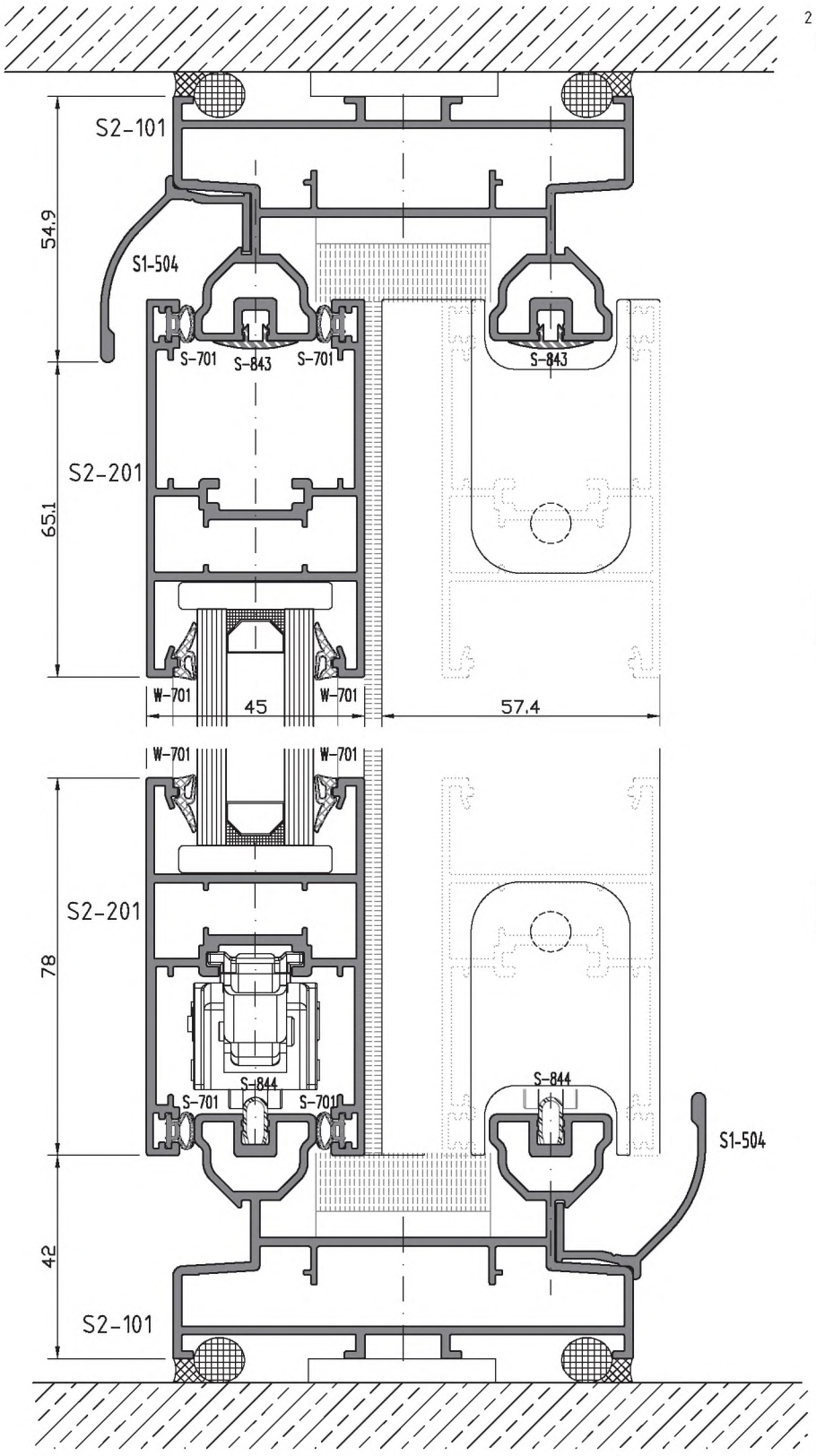


not to scale



2 raylı sistem detayları
Double rail system details



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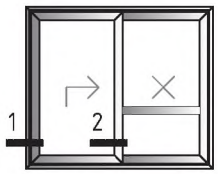
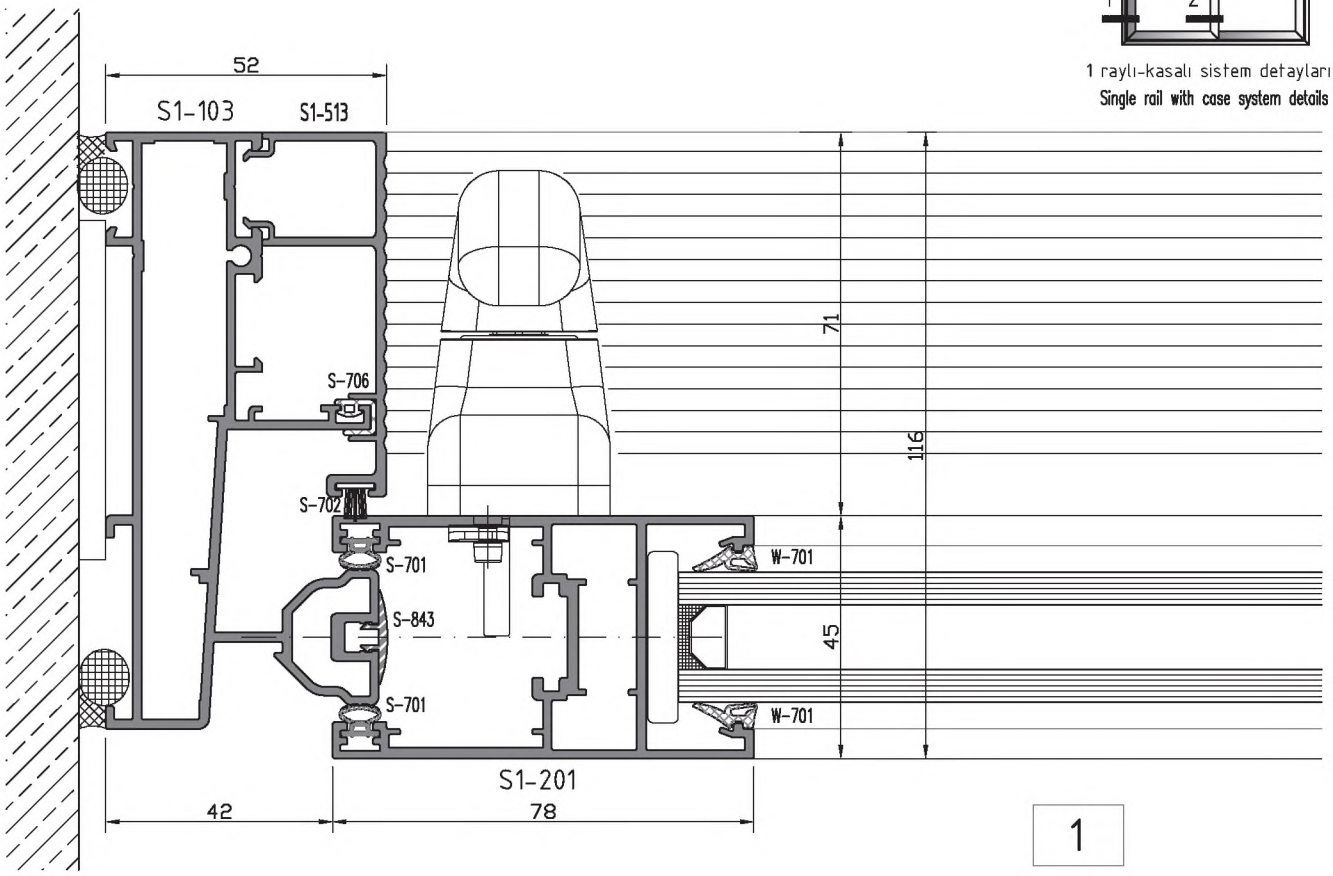


1 raylı-kasalı sistem detayları
Single rail with case system details



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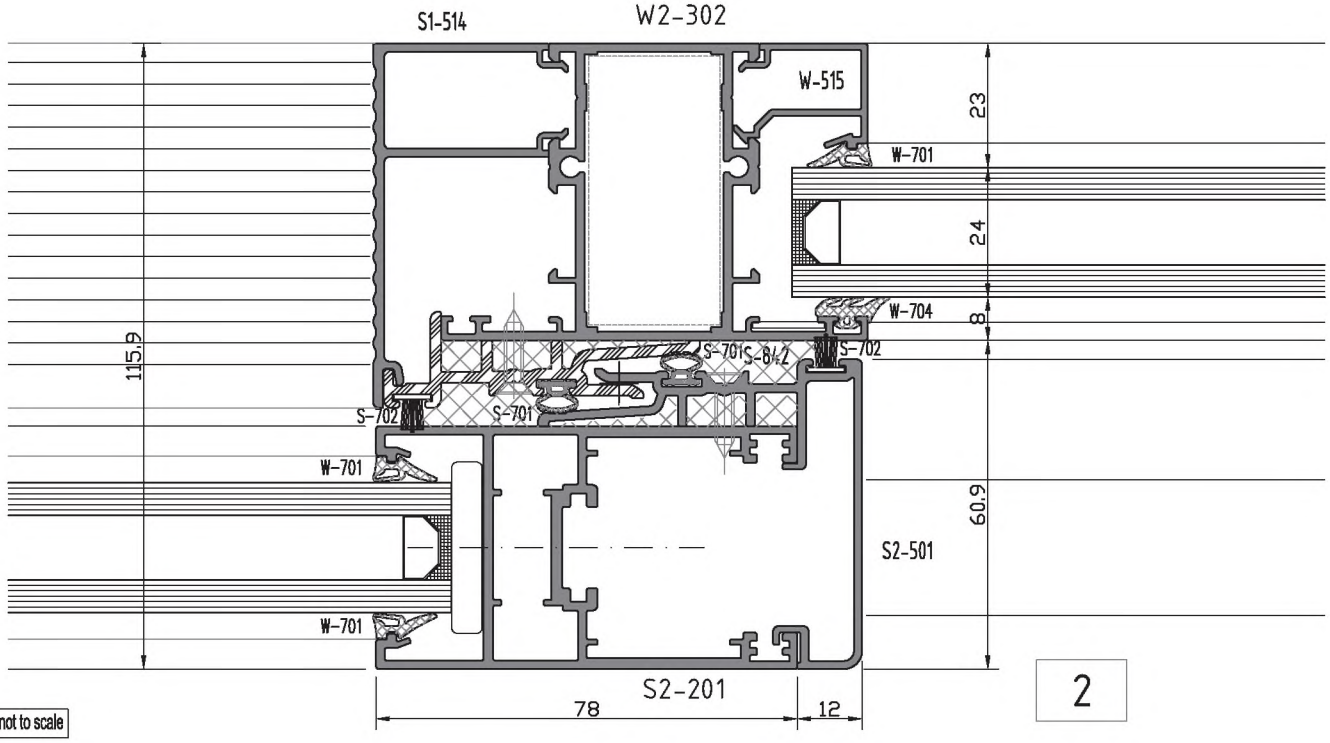

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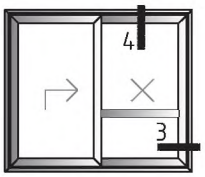
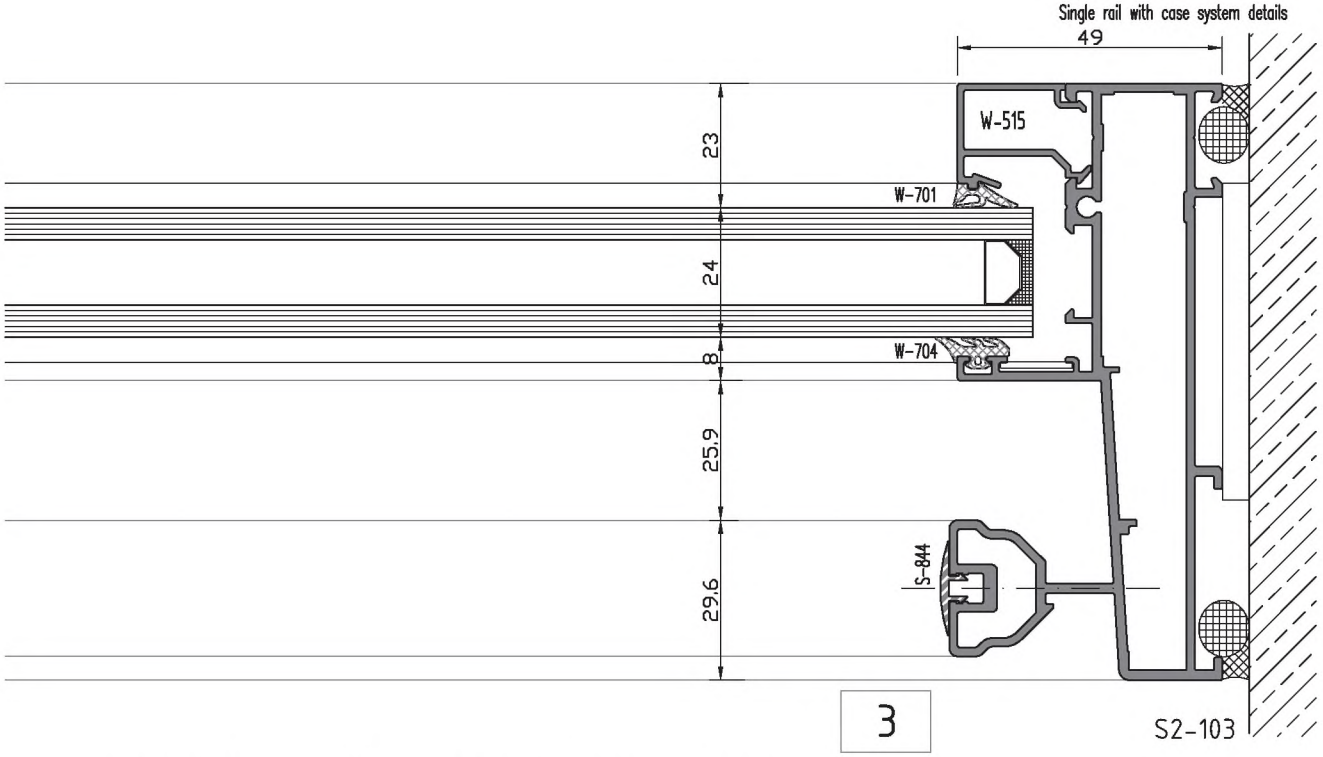


1 raylı-kasalı sistem detayları
Single rail with case system details



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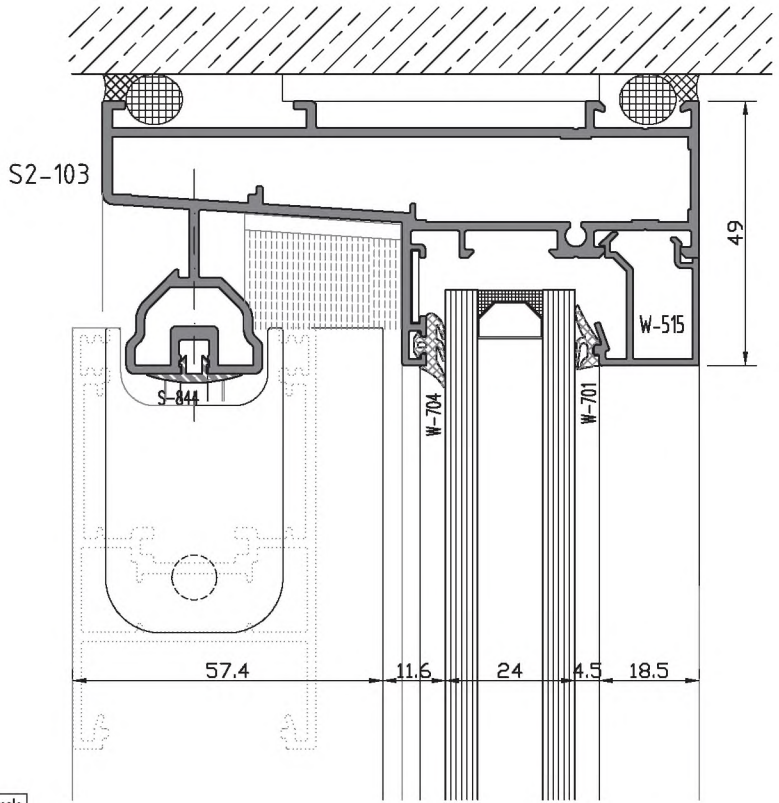

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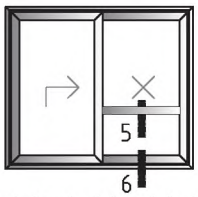
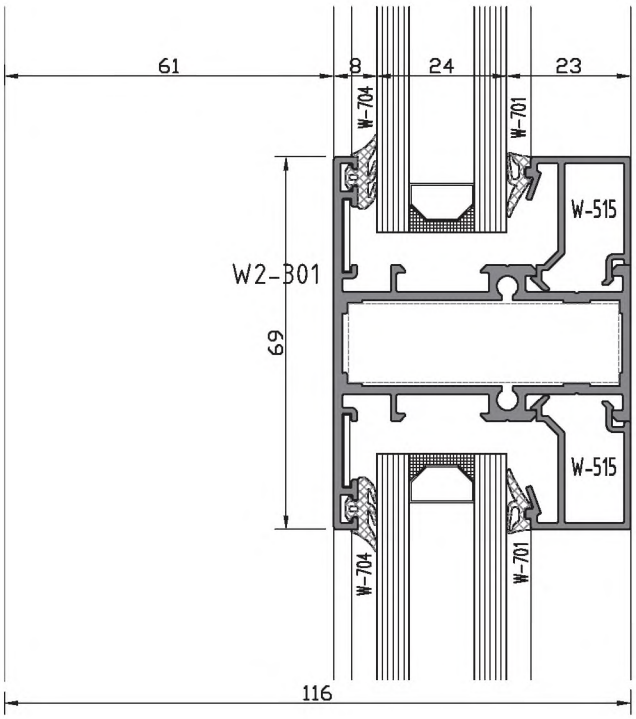


1 raylı-kasalı sistem detayları

Single rail with case system details



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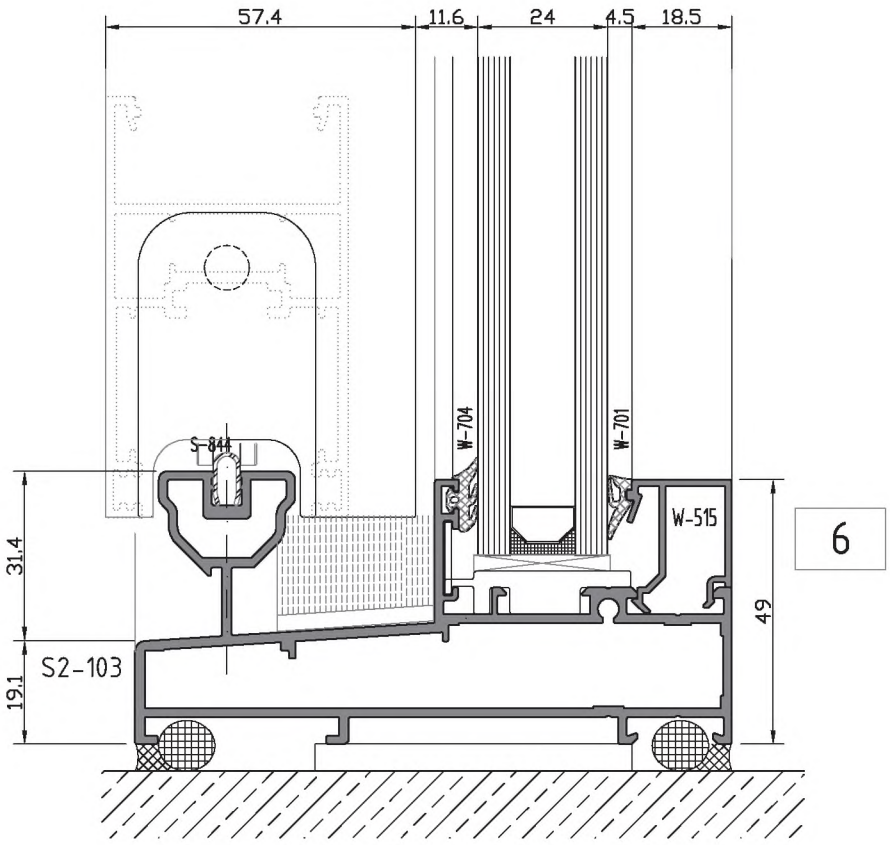

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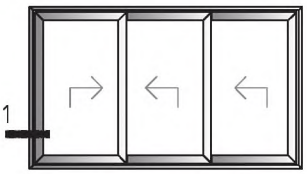
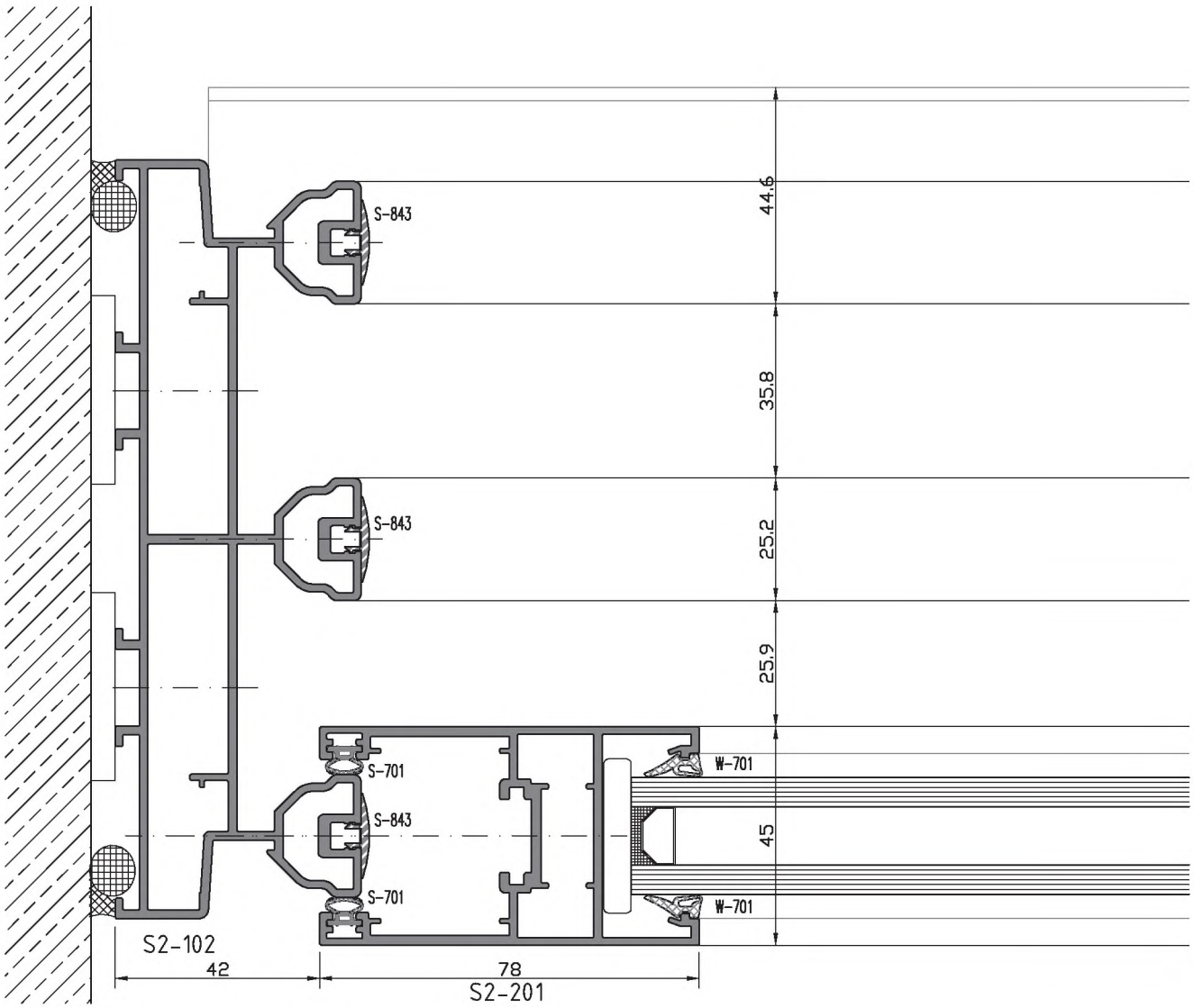


3 raylı sistem detayları
Triple rail system details



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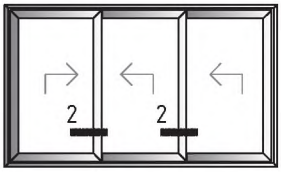
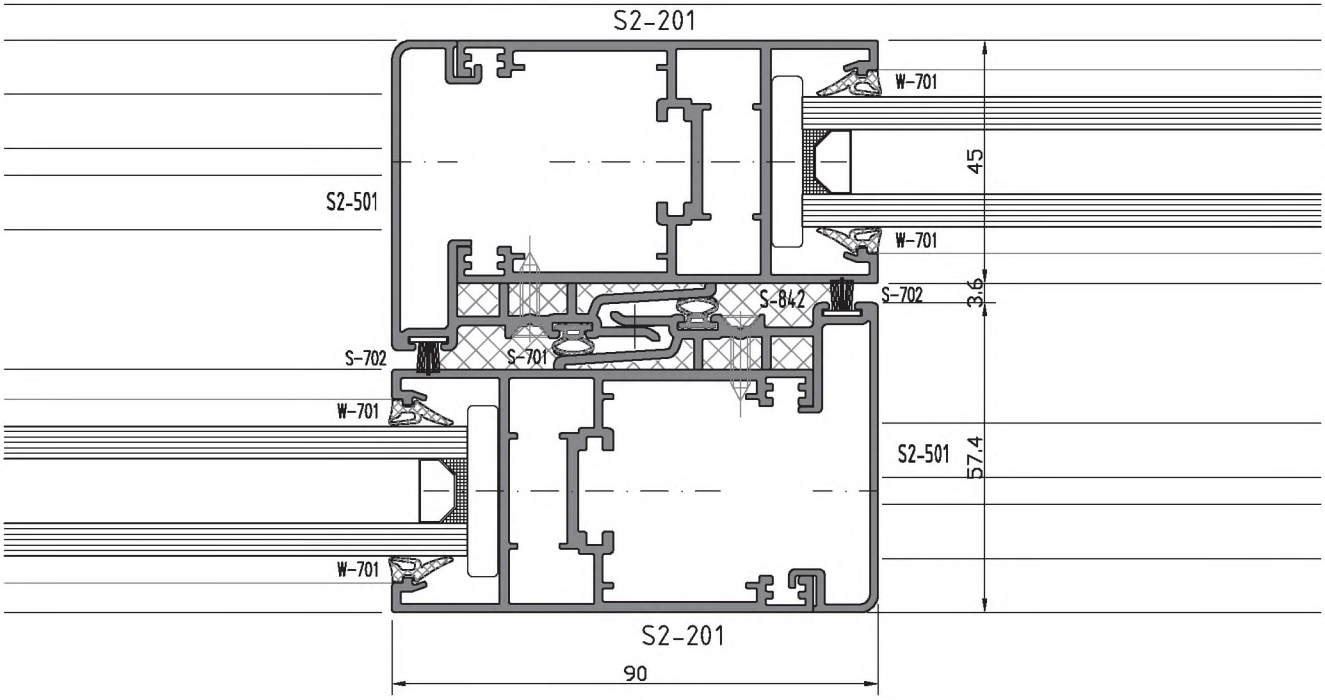


3 raylı sistem detayları

Triple rail system details



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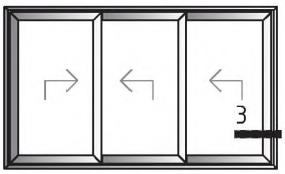
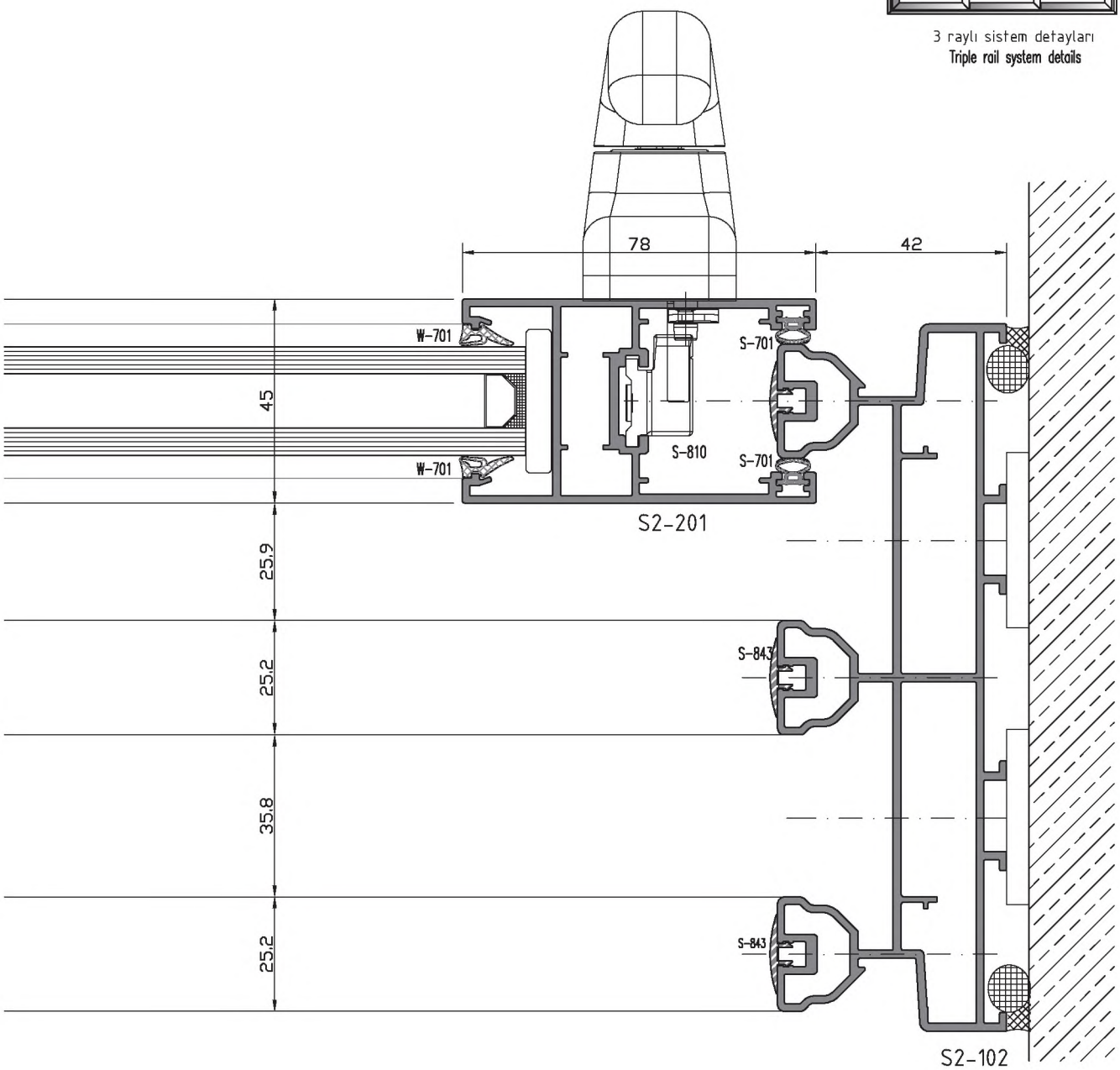


3 raylı sistem detayları
Triple rail system details



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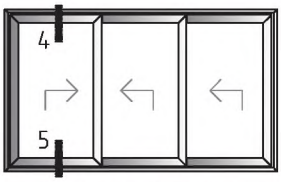
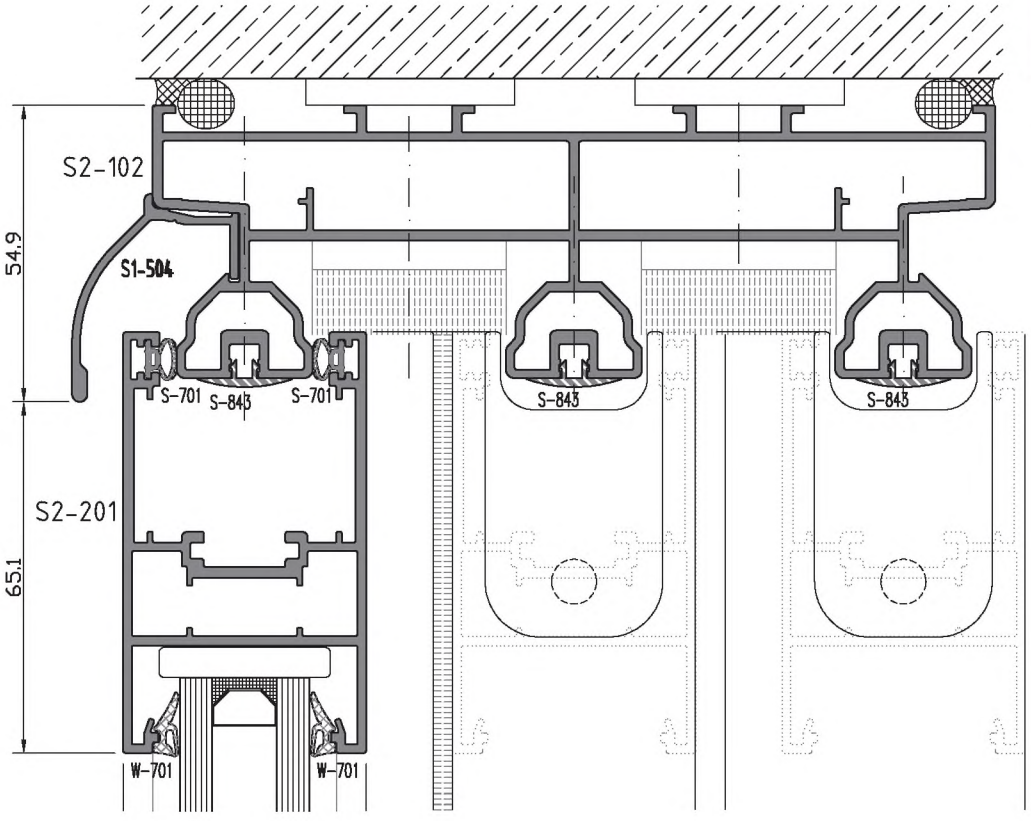


3 raylı sistem detayları
Triple rail system details



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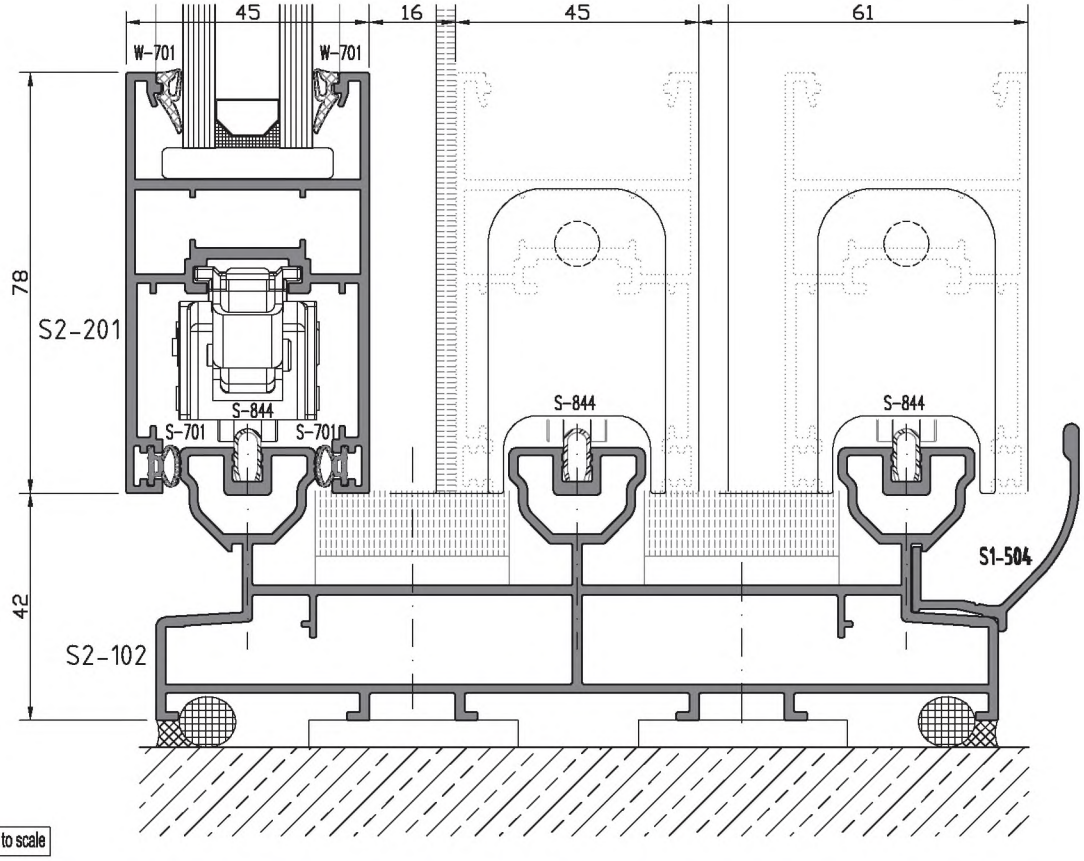

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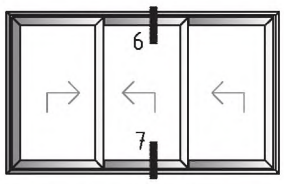
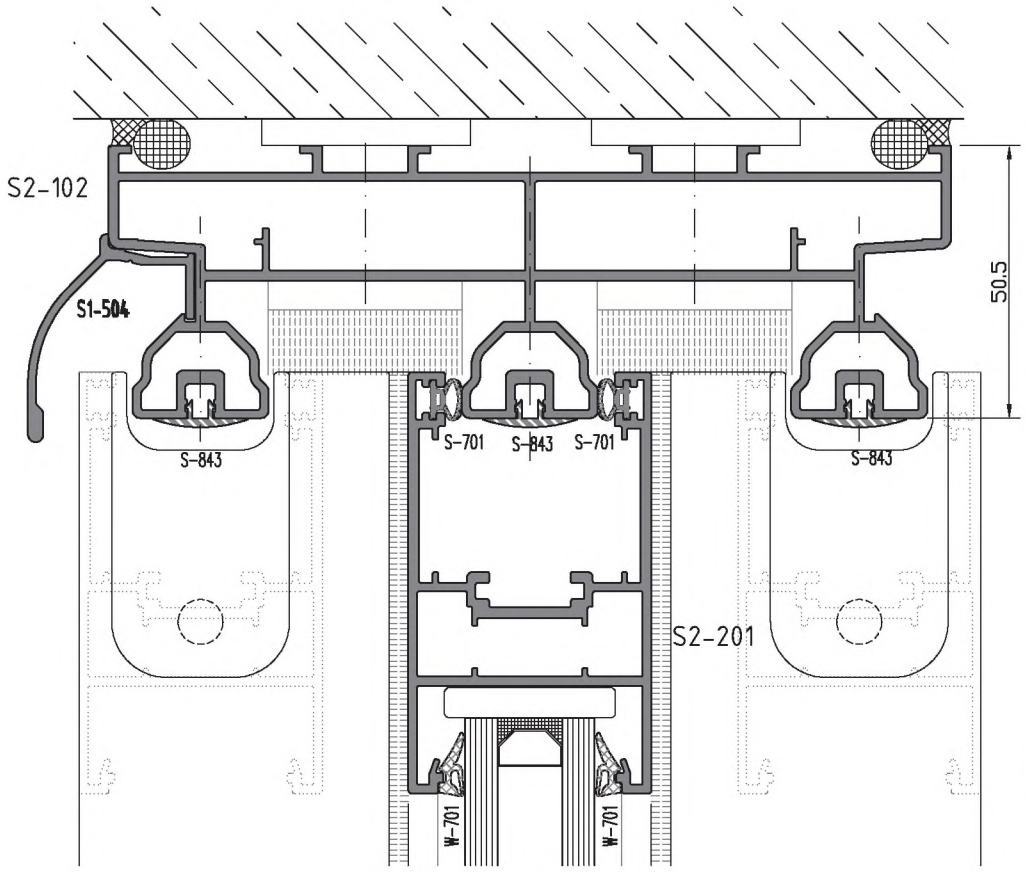
not to scale



3 raylı sistem detayları
Triple rail system details



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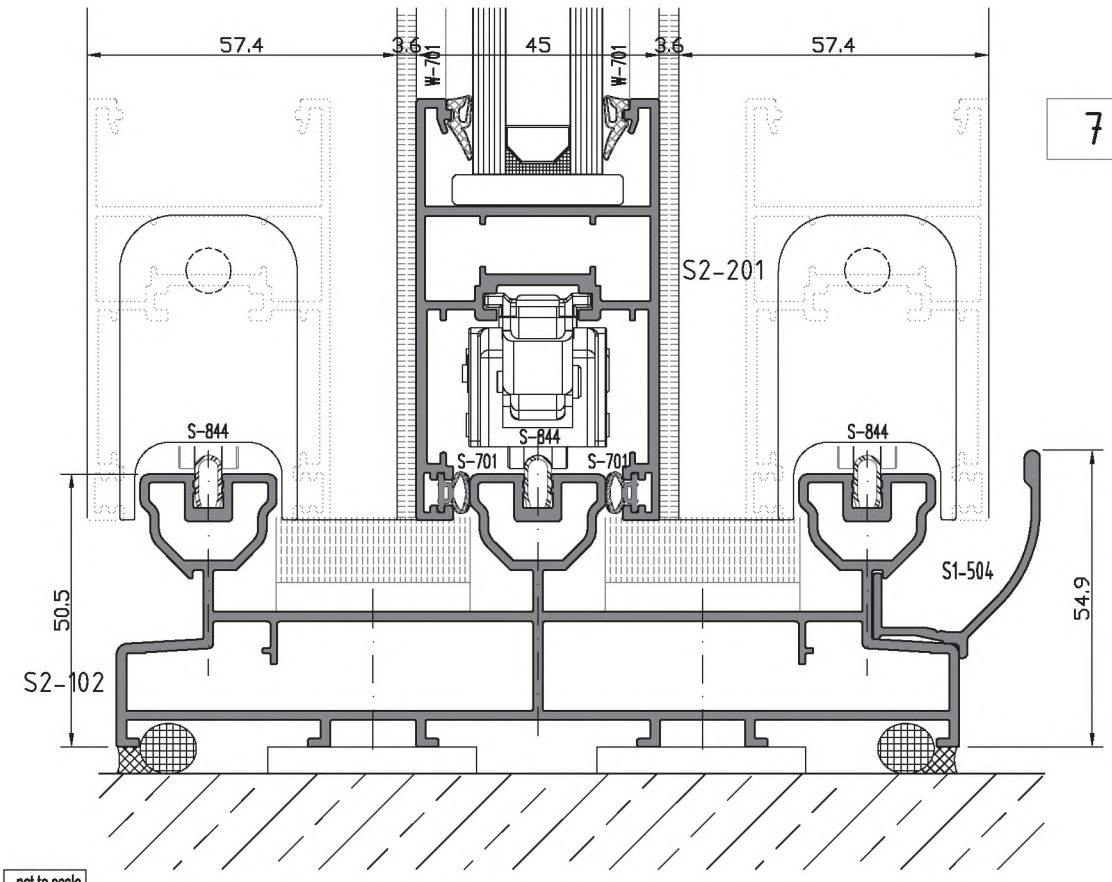

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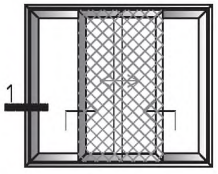
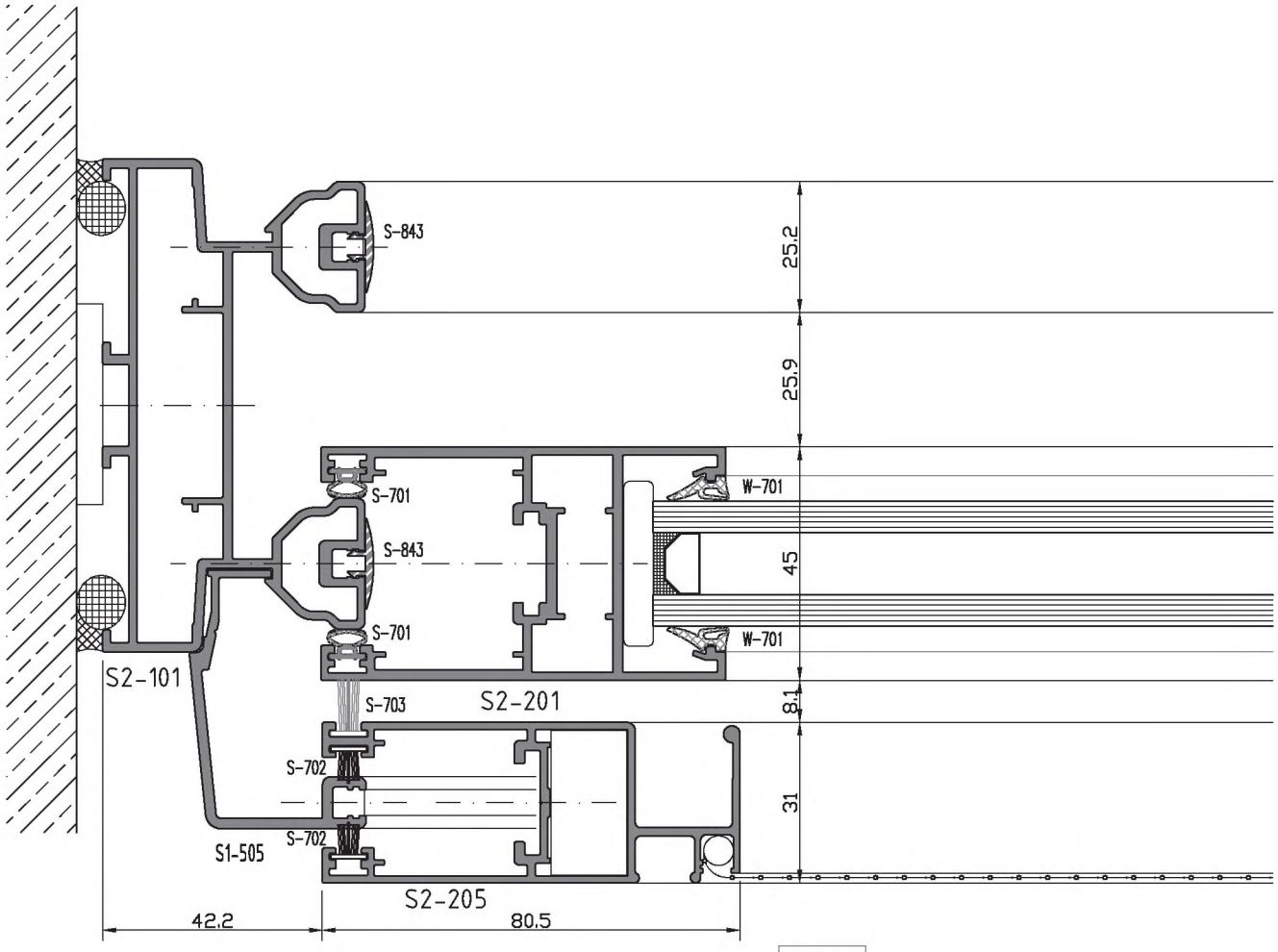


sineklik-damlık detayları
Flyscreen – weatherdrip details



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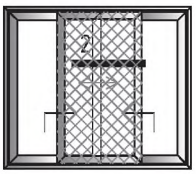
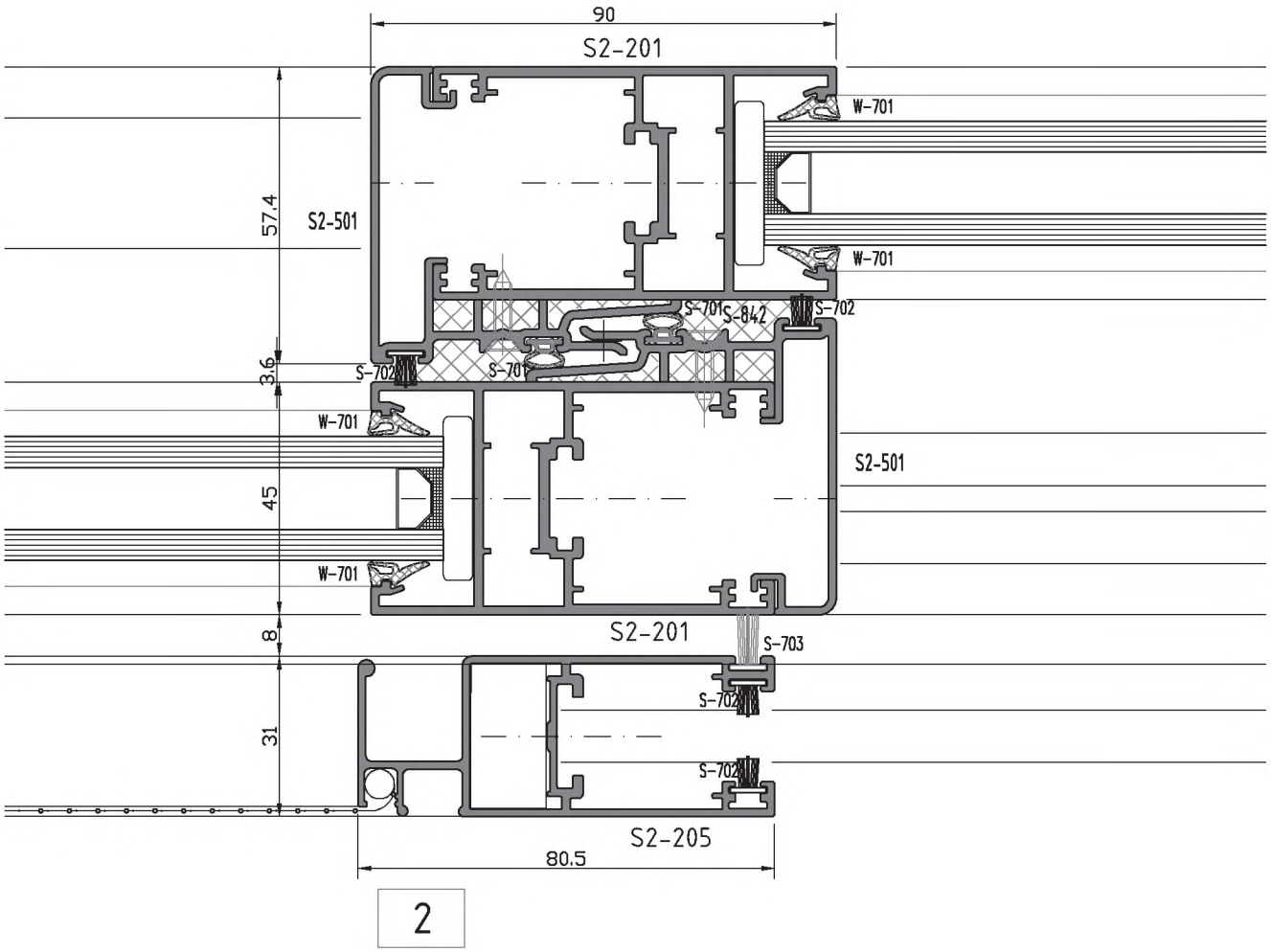
not to scale



sineklik-damlılık detayları

Flyscreen – weatherdrip details



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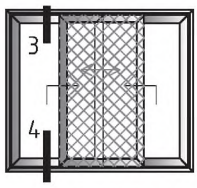
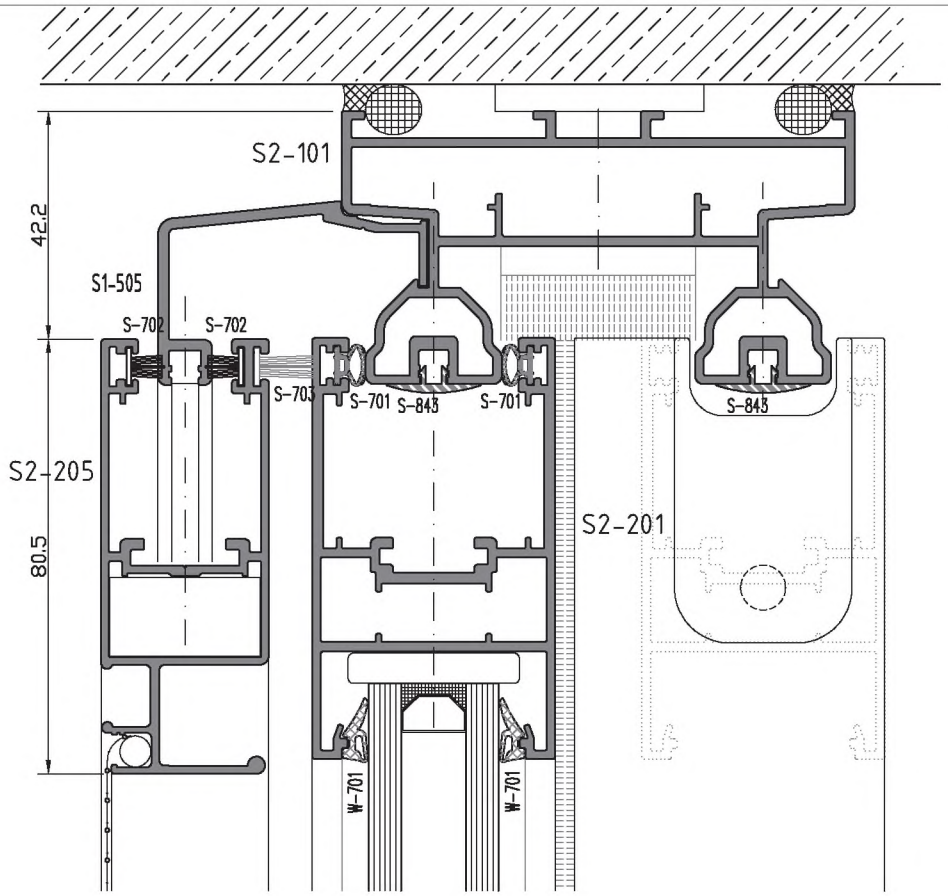


sineklik-damlalık detayları
Flyscreen – weatherdrip details



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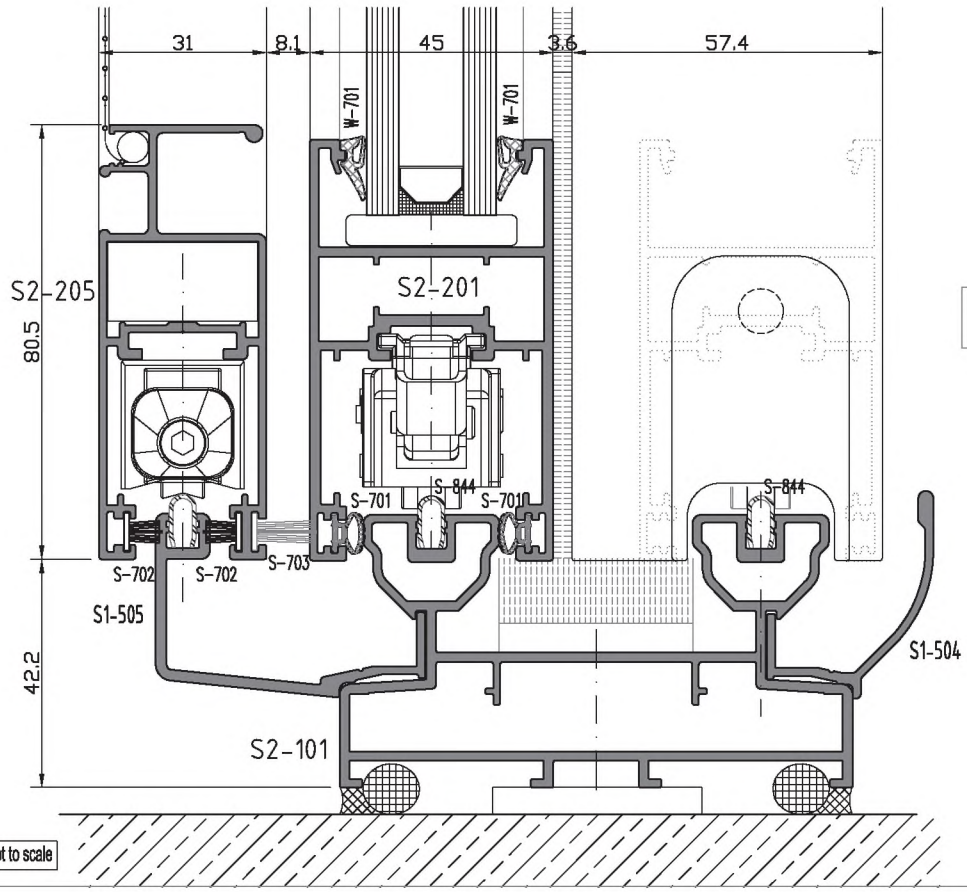

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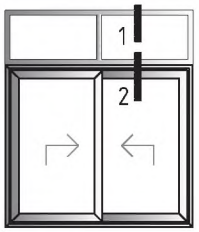
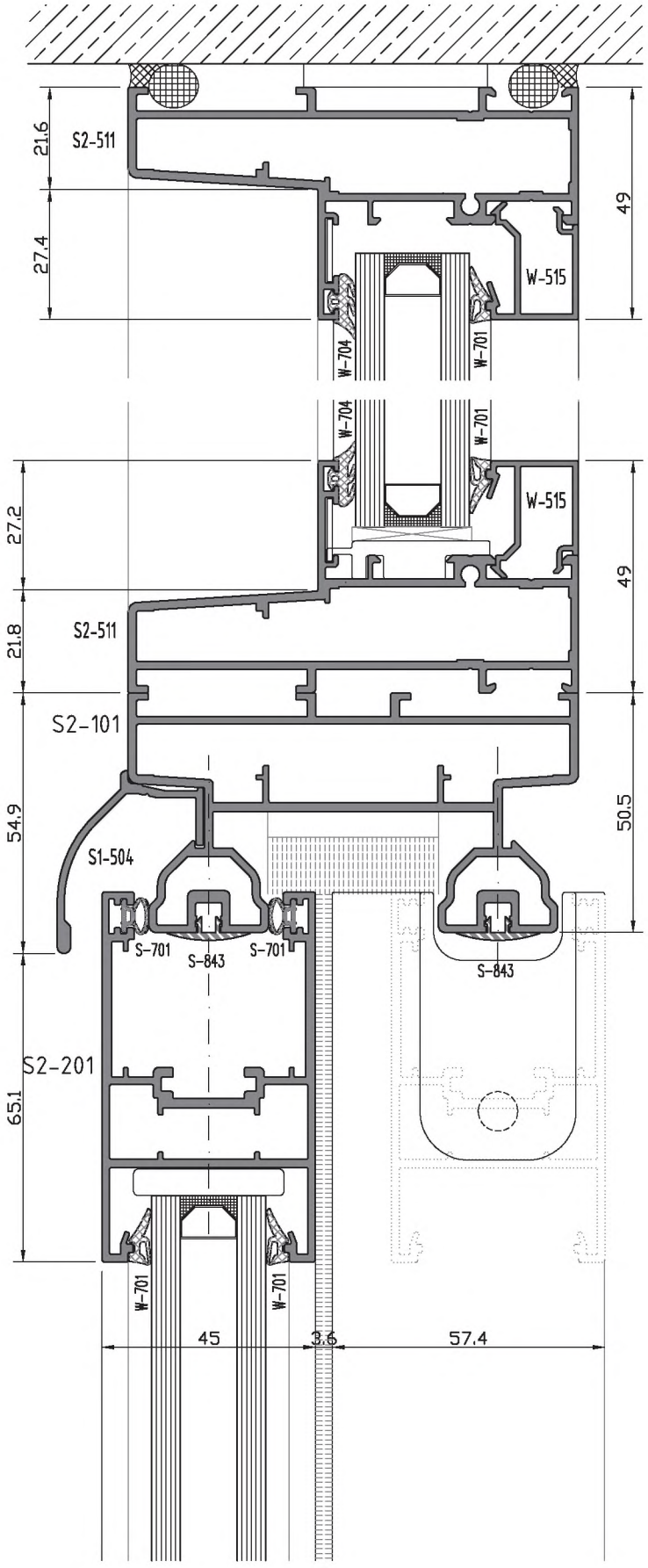
not to scale



sistem birleşim detayları
System connection details



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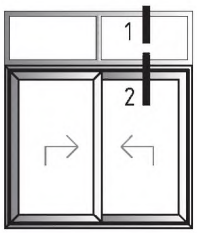
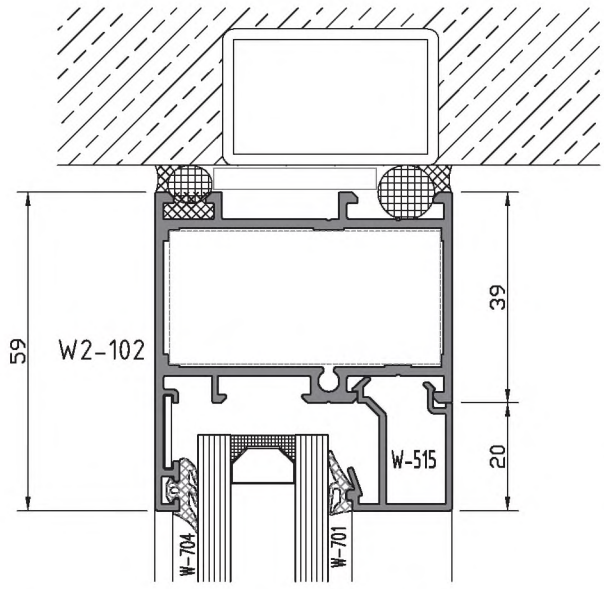


sistem birleşim detayları
System connection details



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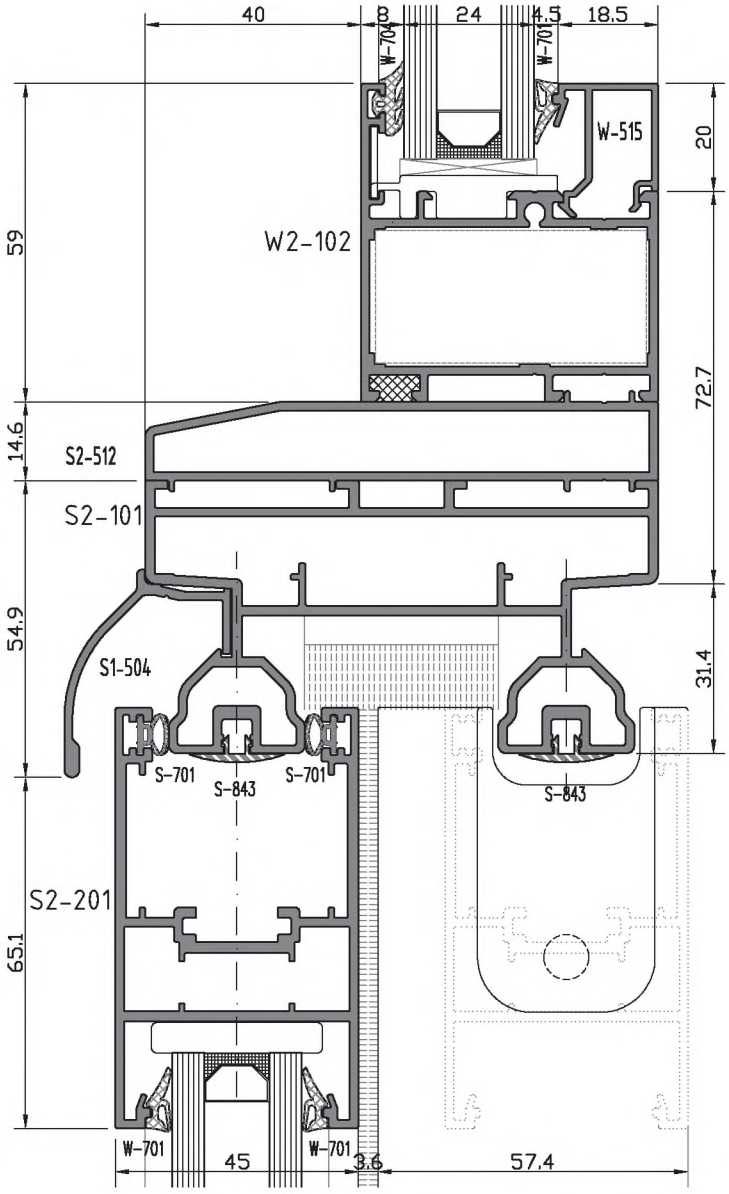

2a

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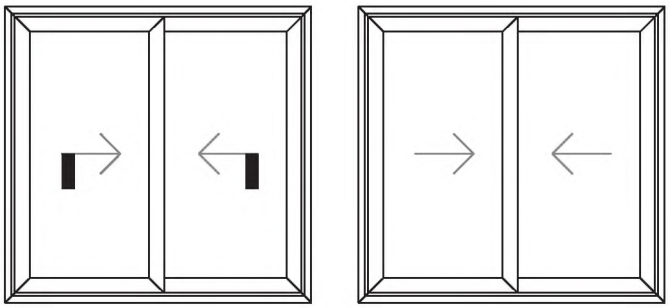
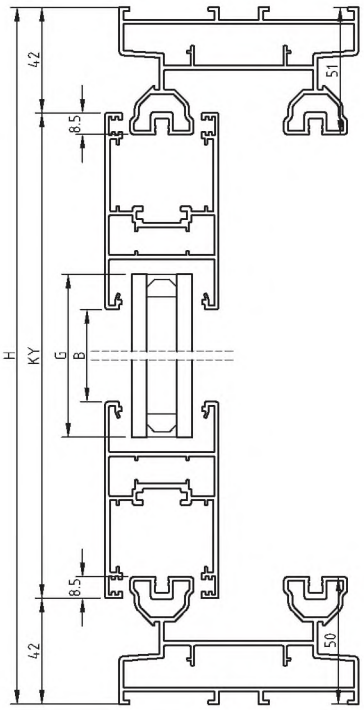
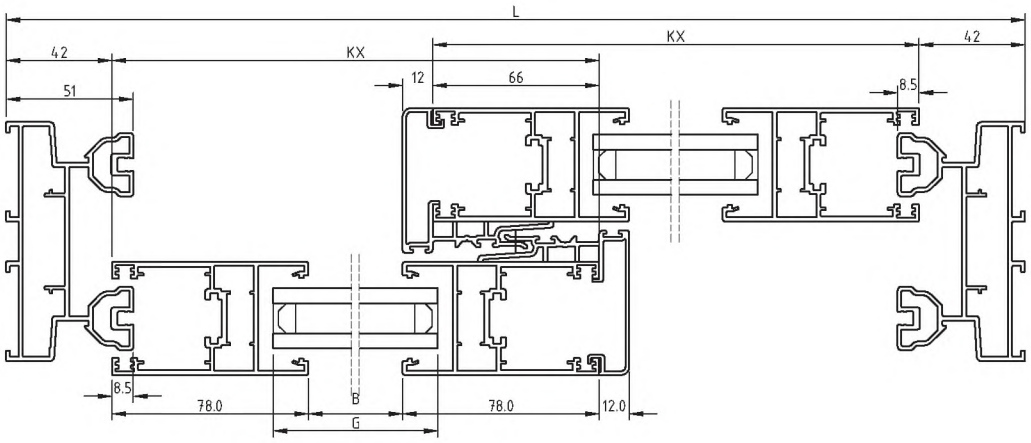


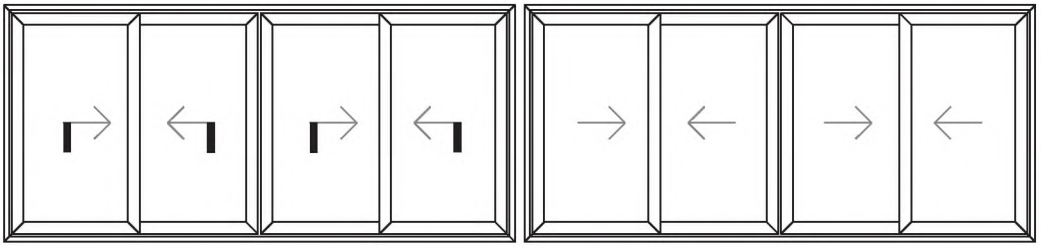
KALDIR SÜR SİSTEM

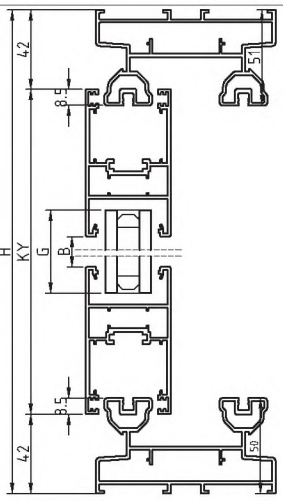
LIFT & SLIDE SYSTEM

$KX = \frac{L-18}{2}$
KY= H-84
G= B+28









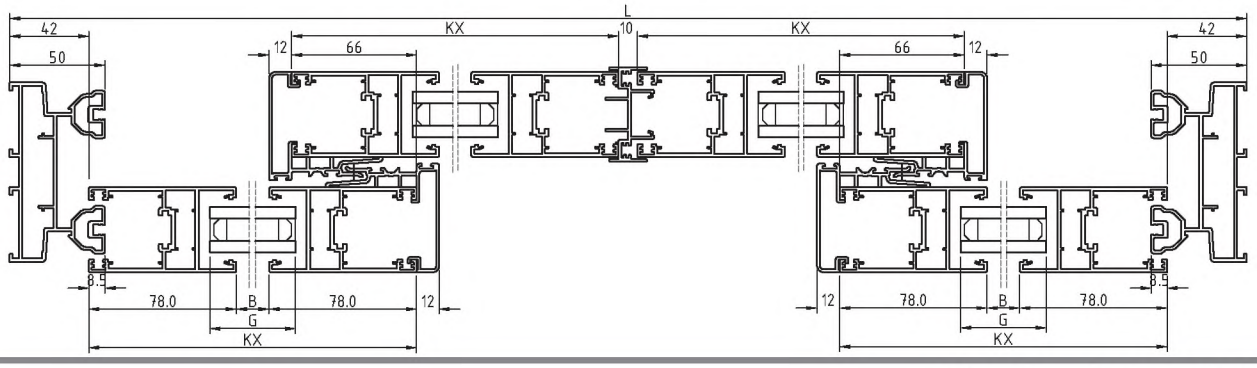
KALDIR SÜR SİSTEM

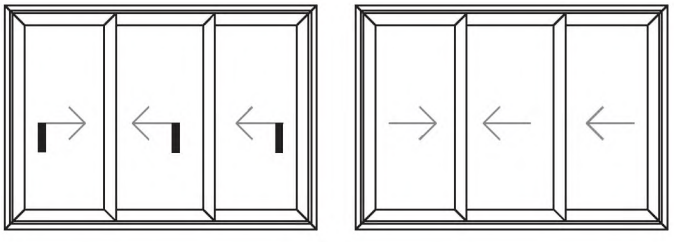
LIFT & SLIDE SYSTEM

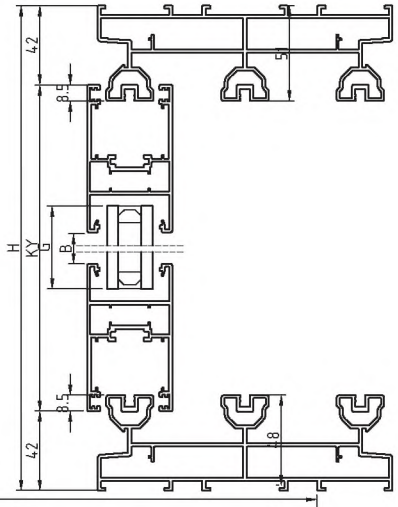
$$KX = \frac{L+38}{4}$$

$$KY = H-84$$

$$G = B+28$$



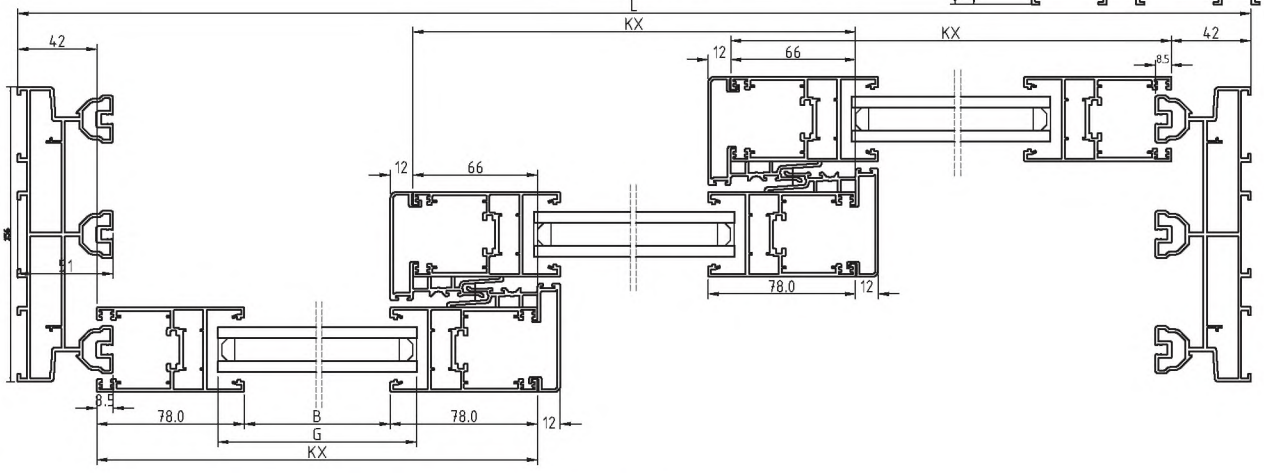


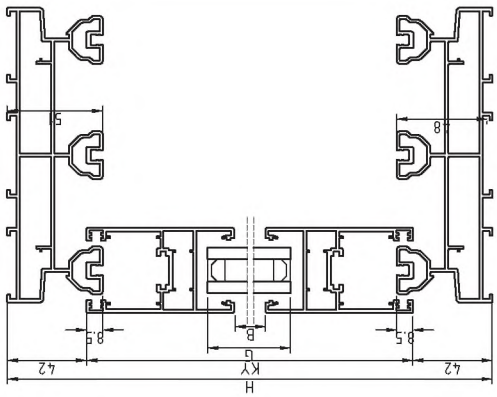


$$KX = \frac{L+47}{3}$$

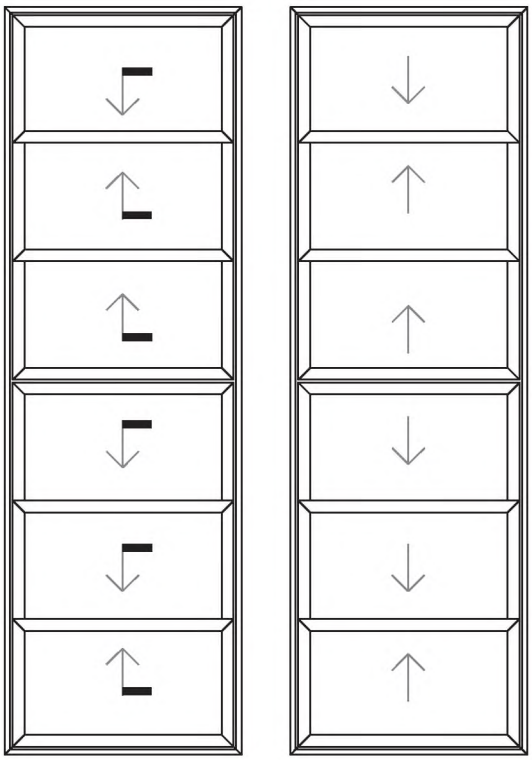
$$KY = H-84$$

$$G = B+28$$

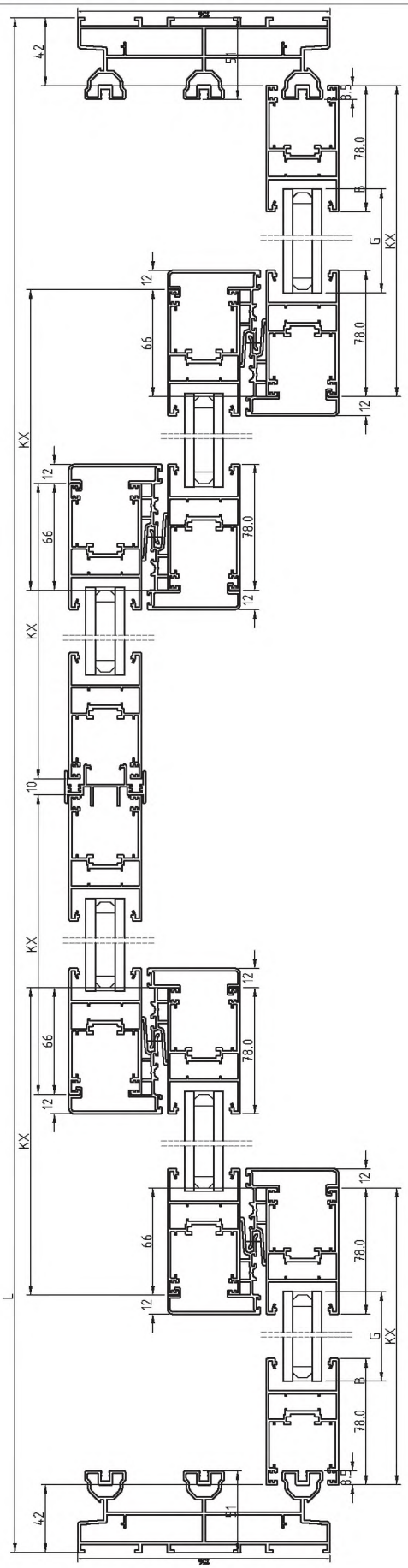


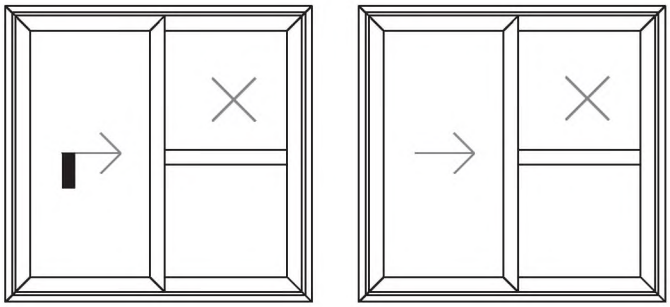


$KX = \frac{L+172}{6}$	KY = H−84	G = B+28



KALDIR SÜR SİSTEM
LIFT & SLIDE SYSTEM



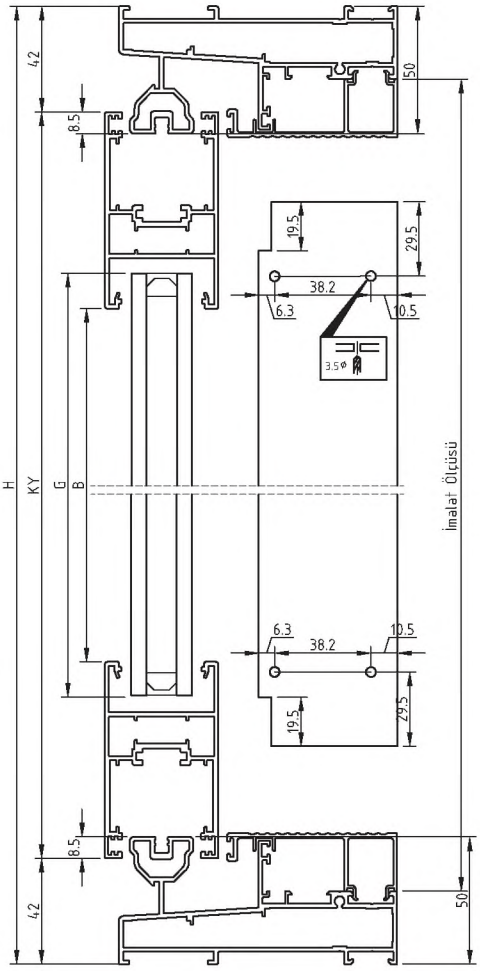


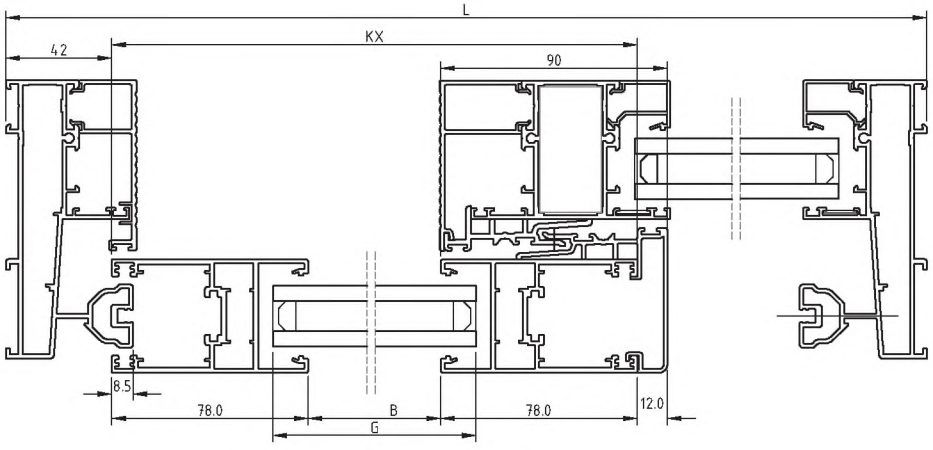
KALDIR SÜR SİSTEM

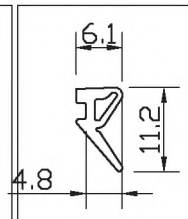
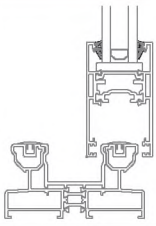
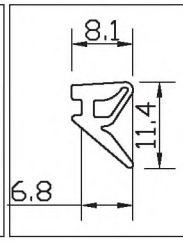
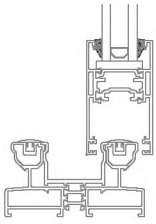
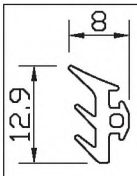
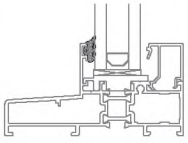
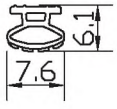
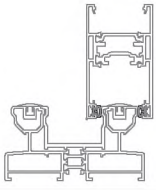
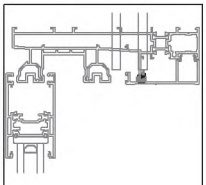
LIFT & SLIDE SYSTEM

$KX = \frac{L+52}{2}$
KY= H-84
G= B+28

Not : Cam ölçüleri eşit kabul edilerek formülize edilmiştir.





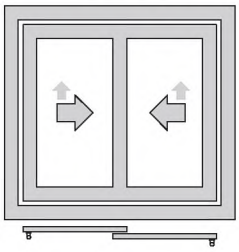
kod code	şekil drawing	tanım description	teorik ağırlık teoretical weight gr / m	paket ağırlığı package weight kg / package	paket metrajı in one package metre / package	kullanım yeri aplication
W-701		epdm cam iç fitil glazing gasket inside	44 gr/m	15 kg	340 m	
W-702		epdm cam iç fitil glazing gasket inside	67 gr/m	15 kg	223 m	
W-704		epdm cam dış fitil glazing gasket outside (epdm)	50 gr/m	15 kg	300 m	
S-701		tpv fitil tpv gasket	23 gr/m	15 kg	650 m	
S-706		epdm fitil epdm gasket	30 gr/m	15 kg	650 m	

S45 SÜRME SERİ
S45 SLIDE SYSTEM

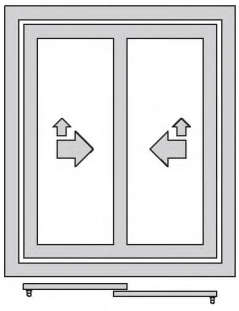
KALDIR & SÜR SİSTEMİ
LIFT & SLIDE SYSTEM

SÜRME SİSTEMİ
SLIDE SYSTEM

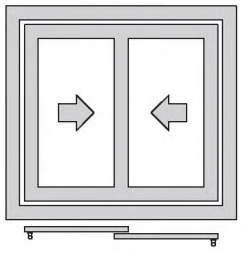
Max 80 Kg



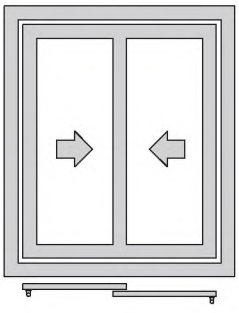
Max 160 Kg



Max 80 Kg

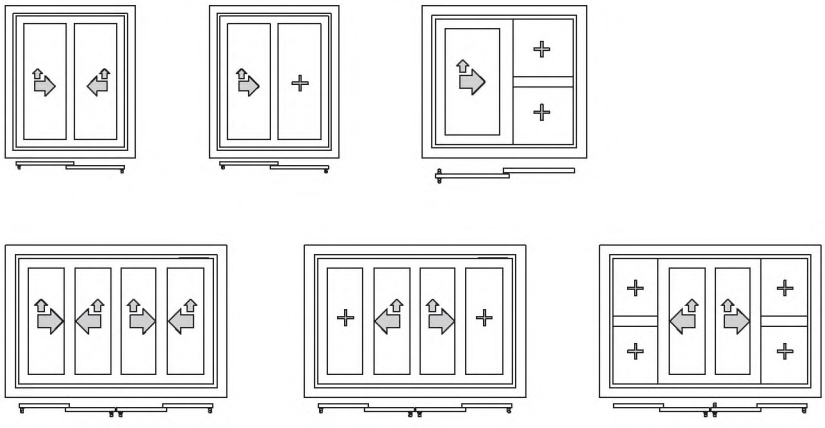


Max 160 Kg

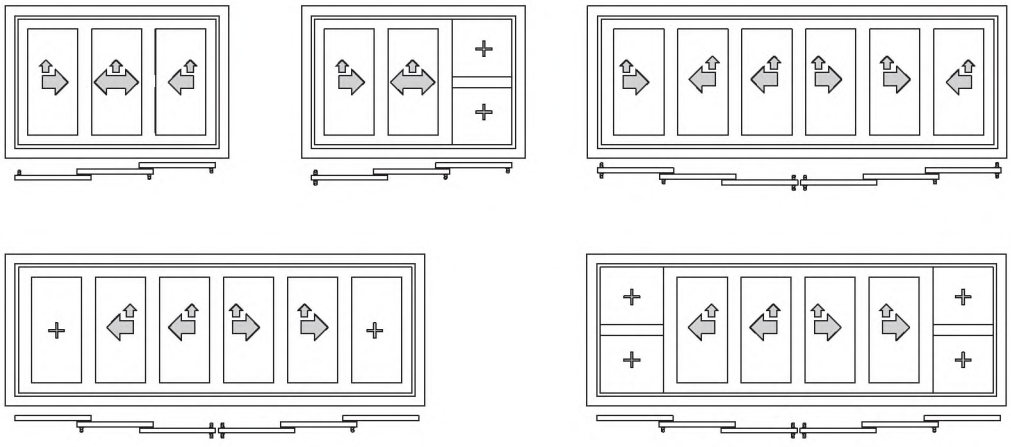


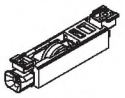
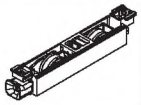
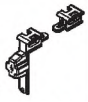
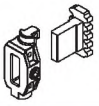
AÇILIM TİPLERİ
OPENING STYLES

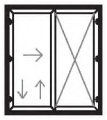
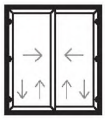
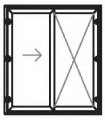
2 KANATLI
2 SASHES

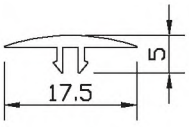
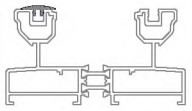
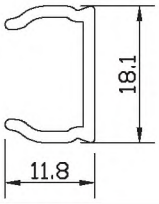
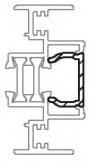
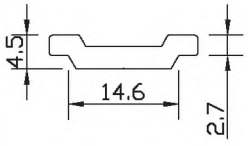


3 KANATLI
3 SASHES



	KALDIR & SÜR SİSTEMİ LIFT & SLIDE SYSTEM				SÜRME SİSTEMİ SLIDE SYSTEM			
	DOOR L&S	WINDOW L&S	DOOR L&S	WINDOW L&S	DOOR SLIDE	WINDOW SLIDE	DOOR SLIDE	WINDOW SLIDE
S-801 Ayarlı rulman 80kg Carrera 1 adjustable pulleyes 						X		X
S-802 Ayarlı rulman 160 kg Carrera 2 adjustable pulleyes 					X		X	
S-803 Kaldır-sür rulman tk. 80 kg Kit pulleys lift&slide		X		X				
S-804 Kaldır-sür rulman tk. 160 kg Kit pulleys lift&slide	X		X					
S-805 Brio plus anahtarlı havuz kol Brio plus handle with lock					X	X	X	X
S-806 Prima eksenel kol Prima handle					X	X	X	X
S-807 Prima eksenel kol Prima handle	X	X	X	X	X	X	X	X
S-808 Martellina kol mekanizması Machanism for martellina handle	X	X	X	X	X	X	X	X
S-809 Anahtar kilit mekanizması Lock with key	X	X	X	X	X	X	X	X
S-810 Gos-s t.rex kapama tk. Closing kit for gos-s t.rex	X	X	X	X	X	X	X	X
S-811 Çarpma takozu kaldır-sür Shock absorber lift for l&s system 	X	X	X	X				
S-812 Çarpma takozu klasik sürme Shock absorber no-lift for slide system	X	X			X	X	X	X
S-813 Kol-tij bagl. Handle connection					X	X	X	X
S-814 Gömme kol-tij bagl. Emmbedding handle connection 					X	X	X	X

	KALDIR & SÜR SİSTEMİ LIFT & SLIDE SYSTEM				SÜRME SİSTEMİ SLIDE SYSTEM			
	DOOR L&S	WINDOW L&S	DOOR L&S	WINDOW L&S	DOOR SLIDE	WINDOW SLIDE	DOOR SLIDE	WINDOW SLIDE
								
S-815 Sürme kanat birl. izolasyon tk. Central plugs kit for sliding					X	X	X	X
S-816 Kanat sabitleme tk. Fixed sash kit	X	X	X	X	X	X	X	X
S-817 Kanat köşe pvc birl. aparatı Sash corner connect	X	X	X	X	X	X	X	X
S-817-1 Kanat köşe pvc birl. aparatı Sash corner connect	X	X	X	X	X	X	X	X
S-818 Pvc kapak Pvc cover	X	X	X	X	X	X	X	X
S-819 Kaldır-sür kanat birl. izolasyon tk. Central plugs kit for l & s	X	X	X	X				
S-820 Kasa pr. köşe bagl. aparatı Frame corner assamble	X	X	X	X	X	X	X	X
S-821 Kanat pr. köşe bagl. aparatı Sash corner assamble	X	X	X	X	X	X	X	X
S-822 Kanat pr. köşe bagl. aparatı Sash corner assamble	X	X	X	X	X	X	X	X
S-823 180°kaldırma kollu gömme kol l&s handle lever 180	X	X	X	X	X	X	X	X
S-824 Brio plus havuz kol Brio plus handle					X	X	X	X
S-844 Çelik ray Stainles steel	X	X	X	X	X	X	X	X
S-701 Tpv fitil Tpv gasket	X	X	X	X	X	X	X	X
S-702 Kıl fitil 7mm brush 7mm	X	X	X	X	X	X	X	X
S-703 Kıl fitil 12mm brush 12mm	X	X	X	X	X	X	X	X

kod code	şekil drawing	tanım description	metrajı metre / package	kullanım yeri aplication
S-843		Kapama pr. (pvc) izalator (pvc)	6 m	
S-846		Kapama pr. (pvc) izalator (pvc)	6 m	
S-845		Tij profile (polyamid) Puhhing rod profile (polyamid)	m	