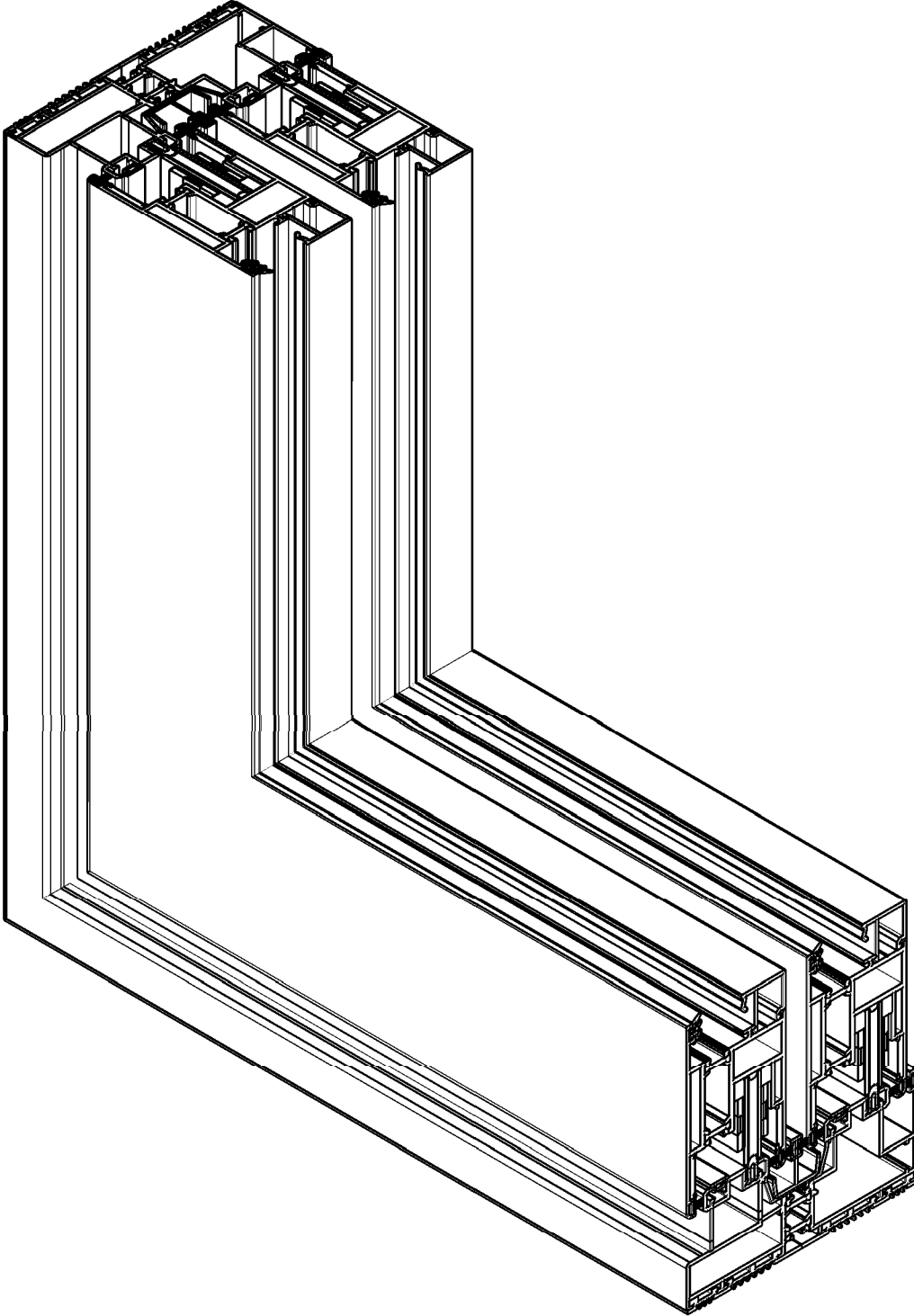


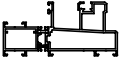
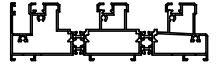
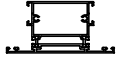
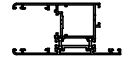
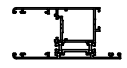
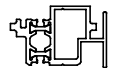
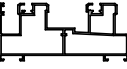
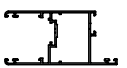
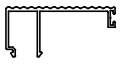


EKONOMİK HEBE-SCHIEBE SÜRME SİSTEMİ (EL)

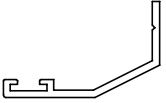
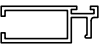
ECONOMIC HEBE-SCHIEBE SLIDING SYSTEM (EL)

PROFİLLER / PROFILES

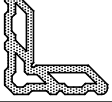
SİSTEM KESİTLERİ
SECTION DRAWINGS

PROFİL PROFILE	PROFİL NO PROFILE NUMBER	AĞIRLIK WEIGHT	I_x cm^4	I_y cm^4	TANIM DESCRIPTION
	EL47-01	2.380 Kg/m	106.50	19.52	2 RAYLI KASA 2 RAIL FRAME
	EL47-03-18	2.310 Kg/m	83.38	16.59	1 RAYLI, 1 SABİT KASA 1 RAIL, 1 FIXED FRAME
	EL47-15	3,604 Kg/m	353.96	29.02	3 RAYLI KASA 3 RAIL FRAME
	EL47-20	1.753 Kg/m	34.83	16.27	ORTA KAYIT TRANSOM
	EL47-31	1.714 Kg/m	34.37	17.84	KANAT PROFİLİ SASH PROFILE
	EL47-31-18	1.948 Kg/m	36.93	22.43	KANAT PROFİLİ SASH PROFILE
	EL47-52	0.580 Kg/m			ADAPTÖR ADAPTER
	EL47-51	1.085 Kg/m	7.03	2.65	ADAPTÖR ADAPTER
	EL47-02	1.951 Kg/m	95.16	18.57	2 RAYLI KASA 2 RAIL FRAME
	EL47-32	1.273 Kg/m	17.50	30.82	KANAT PROFİLİ SASH PROFILE
		6 METRE			ÇELİK RAY STEEL RAIL
	AS-160	0.125 Kg/m			RAY RAIL
	EL47-55-00	0.550 Kg/m			KAPAK PROFİLİ CAP PROFILE

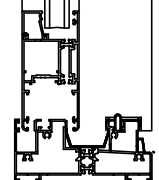
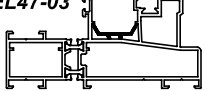
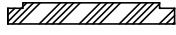
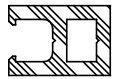
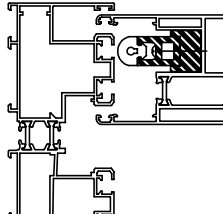
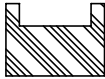
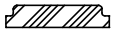
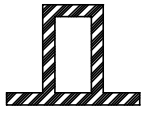
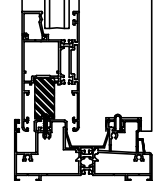
SİSTEM KESİTLERİ
SECTION DRAWINGS

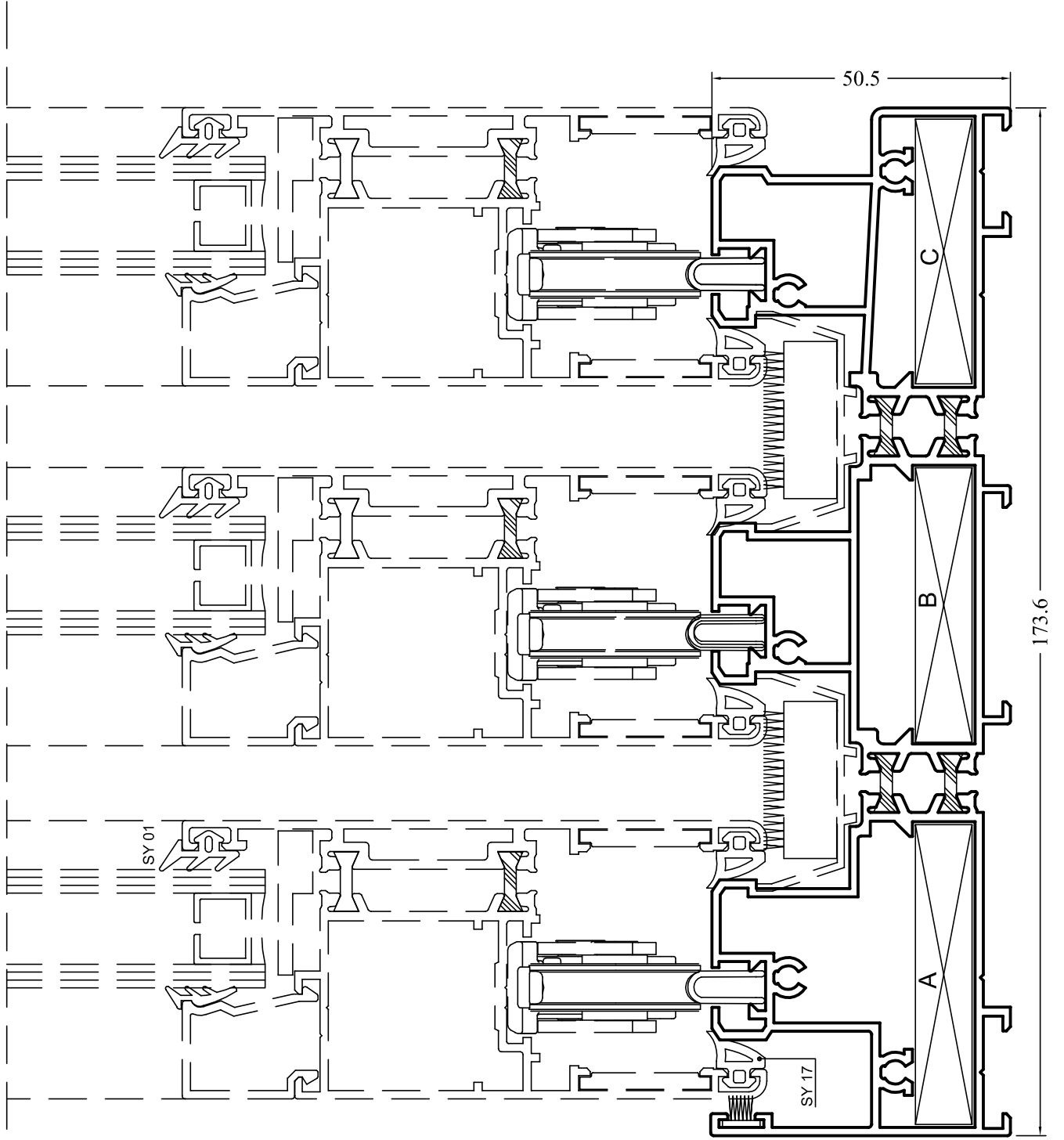
PROFİL PROFILE	PROFİL NO PROFILE NUMBER	AĞIRLIK WEIGHT	I_x cm^4	I_y cm^4	TANIM DESCRIPTION
	EL47-71	0.485 Kg/m			KAPAK PROFİLİ CAP PROFILE
	AS -181	0.222 Kg/m			ADAPTÖR ADAPTER
	EHS-34	0.203 Kg/m			SİNEKLİK RAY FLAPPER RAIL
	4304-13	0.290 Kg/m			SİNEKLİK KANAT FLAPPER SASH
	5648-15	0.222 Kg/m			CAM ÇİTASI (5,0mm) GLAZING BEAD
	5640-15	0.227 Kg/m			CAM ÇİTASI (10,0mm) GLAZING BEAD
	ES4540-13	0.244 Kg/m			CAM ÇİTASI (14,0mm) GLAZING BEAD
	5641-15	0.244 Kg/m			CAM ÇİTASI (16,6mm) GLAZING BEAD
	5642-15	0.260 Kg/m			CAM ÇİTASI (22,0mm) GLAZING BEAD
	5643-15	0.315 Kg/m			CAM ÇİTASI (25,7mm) GLAZING BEAD
	5644-15	0.315 Kg/m			CAM ÇİTASI (27,4mm) GLAZING BEAD
	5645-15	0.320 Kg/m			CAM ÇİTASI (29,0mm) GLAZING BEAD
	ES4545-13	0.306 Kg/m			CAM ÇİTASI (30,5mm) GLAZING BEAD

SİSTEM KESİTLERİ
SECTION DRAWINGS

PROFİL PROFILE	PROFİL NO PROFILE NUMBER	AĞIRLIK WEIGHT	I_x cm^4	I_y cm^4	TANIM DESCRIPTION
	6500-15	0.335 Kg/m			CAM ÇİTASI (32,7mm) GLAZING BEAD
	6255-00	1.843 Kg/m			KÖŞE GÖNYE CORNER CLEAT
	5680-24	5.653 Kg/m			KÖŞE GÖNYE CORNER CLEAT

SİSTEM KESİTLERİ
SECTION DRAWINGS

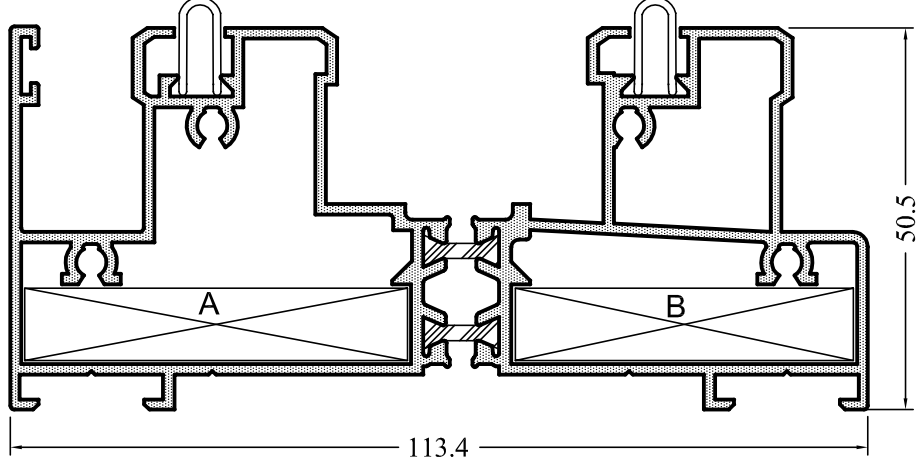
PROFİL PROFILE	PROFİL NO PROFILE NUMBER	AĞIRLIK WEIGHT	I _x cm ⁴	I _y cm ⁴	TANIM DESCRIPTION
	PVC-24	6 Metre			 EL47-01 EL47-15
	PVC-25	6 Metre			EL47-03 
	PVC-27	Adet			
	PVC-29	Adet			
	PVC-30	Adet			
	PVC-31	Adet			
	PVC-38	Adet			 SABİT KANAT SEVİYE BELİRLEME TAKOZU
					S5000 SÜRME RULMAN



EL47-15
3,604 kg/m

KÖŞE TAKOZ KESİM ÖLÇÜLERİ /					
CUTTING DIMENSIONS OF CORNER CLEAT					
PROFİL NO (PROFILE NUMBER)	TAKOZ NO (CLEAT NUMBER)	KESİM ÖLÇÜSÜ (CUTTING DIMENSION) (X)			
EL-115	T 5375-15,3	A	51,0	B	41,0
		C	45,2		

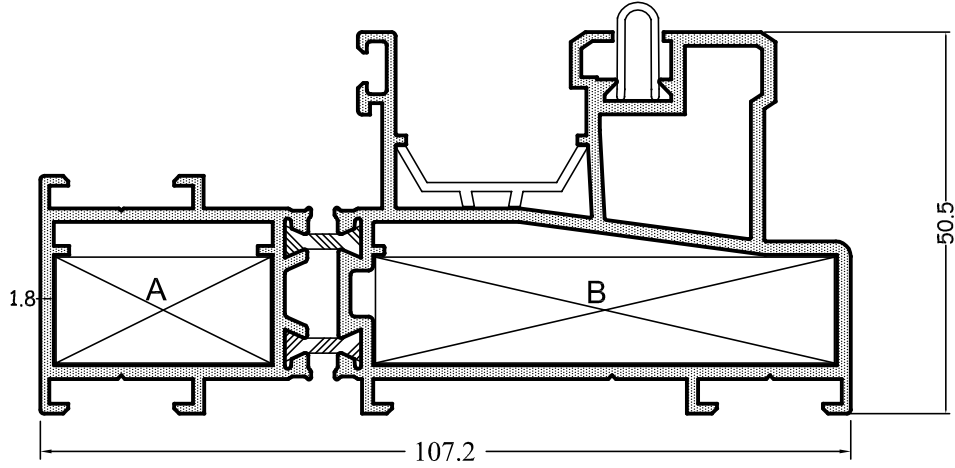
2 RAYLI KASA
2 RAIL FRAME



EL47-01
2,380 kg/m

EL47-01-18
2,678 kg/m

1 RAYLI, 1 SABİT KASA
1 RAIL, 1 FIXED FRAME

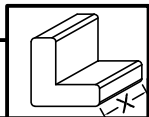


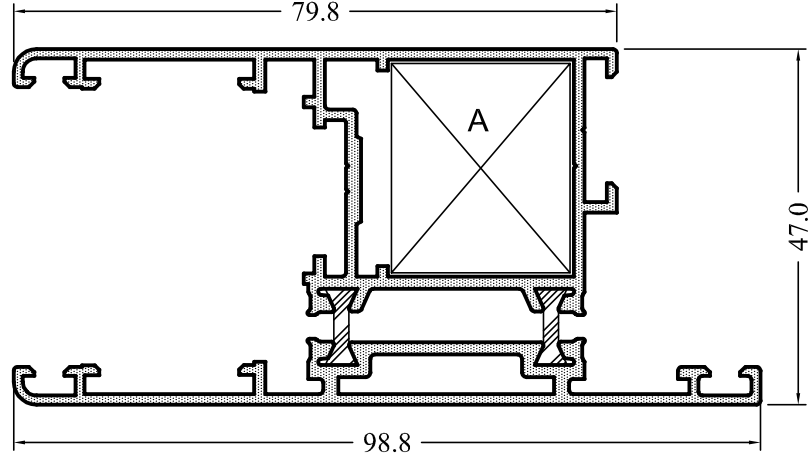
EL47-03-18
2,279 kg/m

KÖŞE TAKOZ KESİM ÖLÇÜLERİ /

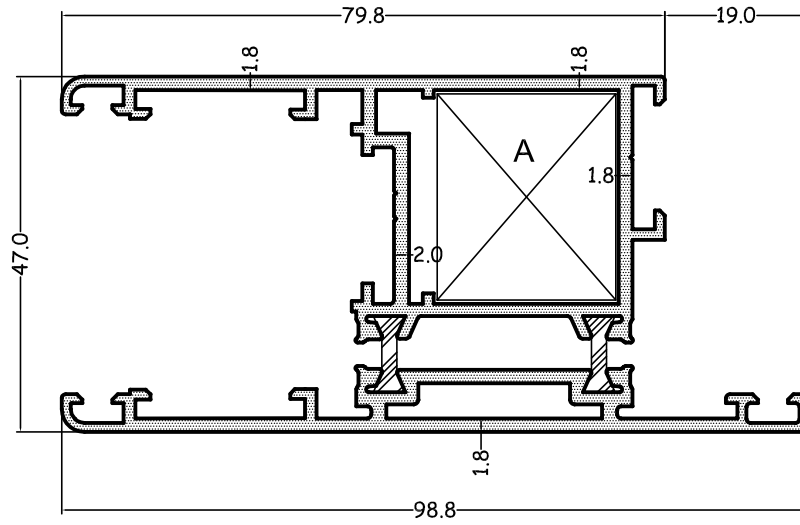
CUTTING DIMENSIONS OF CORNER CLEAT

PROFIL NO (PROFILE NUMBER)	TAKOZ NO (CLEAT NUMBER)	KESİM ÖLÇÜSÜ (CUTTING DIMENSION) (X)			
EL47-01	T 6255-10	A	51,0	B	45,2
EL47-01-18	T 5680-14	A	28,3	B	60,8





EL47-31
1,714 kg/m

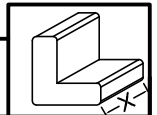


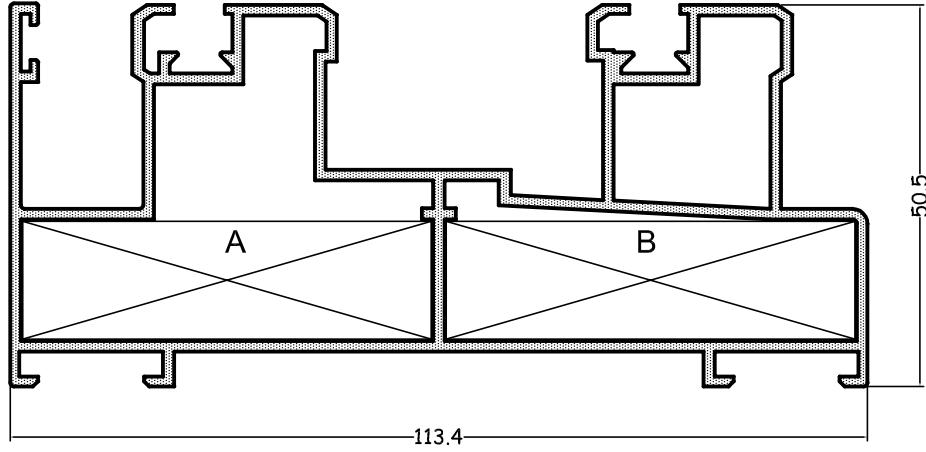
EL47-31-18
1,948 kg/m

KÖŞE TAKOZ KESİM ÖLÇÜLERİ /

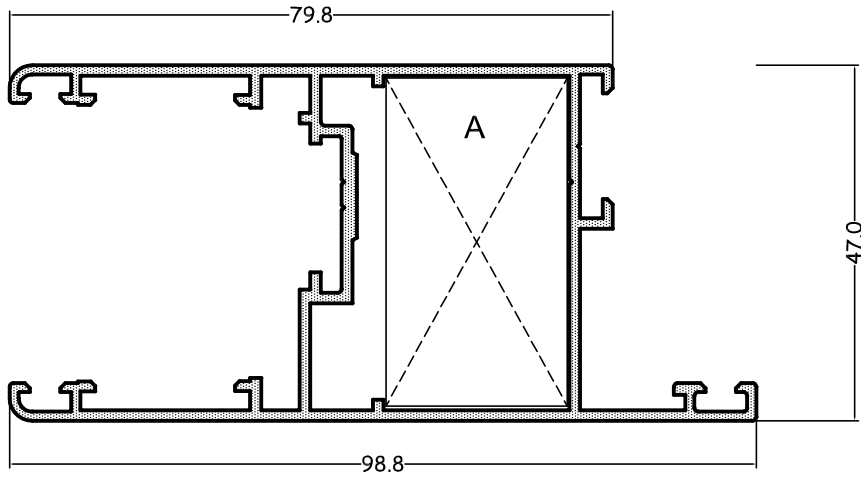
CUTTING DIMENSIONS OF CORNER CLEAT

PROFİL NO (PROFILE NUMBER)	TAKOZ NO (CLEAT NUMBER)	KESİM ÖLÇÜSÜ (CUTTING DIMENSION) (X)					
EL47-31	T 5680-24	A	28.1				
EL47-31-18	T 5680-24	A	27.7				



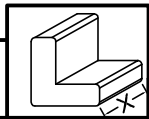


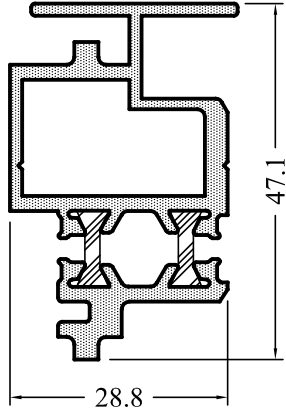
EL47-02
1,951 kg/m



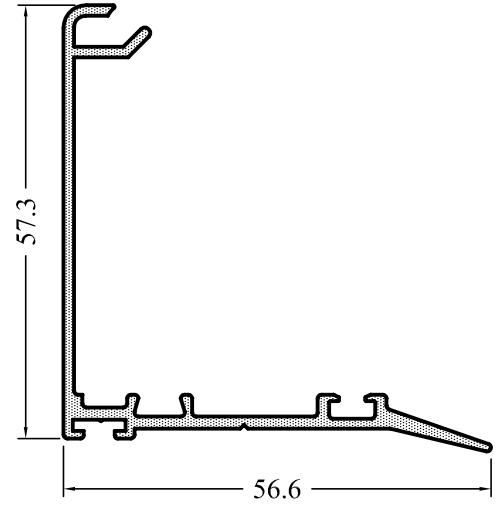
EL47-32
1,273 kg/m

KÖŞE TAKOZ KESİM ÖLÇÜLERİ / CUTTING DIMENSIONS OF CORNER CLEAT							
PROFİL NO (PROFILE NUMBER)	TAKOZ NO (CLEAT NUMBER)	KESİM ÖLÇÜSÜ (CUTTING DIMENSION) (X)					
EL47-02	T 5375-15,3	A	54,0	B	54,0		
EL47-32	T 5680-24	A	43,6				

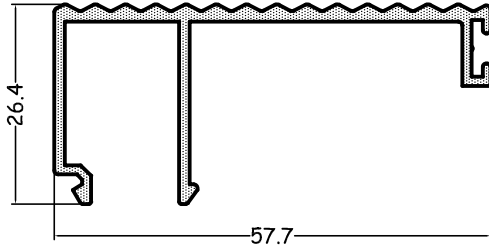




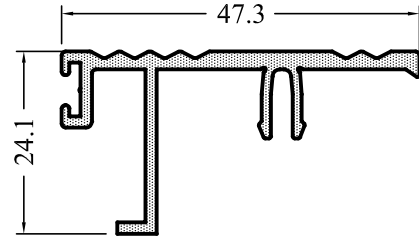
EL47-51
1,085 kg/m



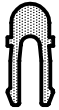
EL47-52
0,580 kg/m



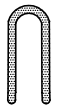
EL47-55-00
0,550 kg/m



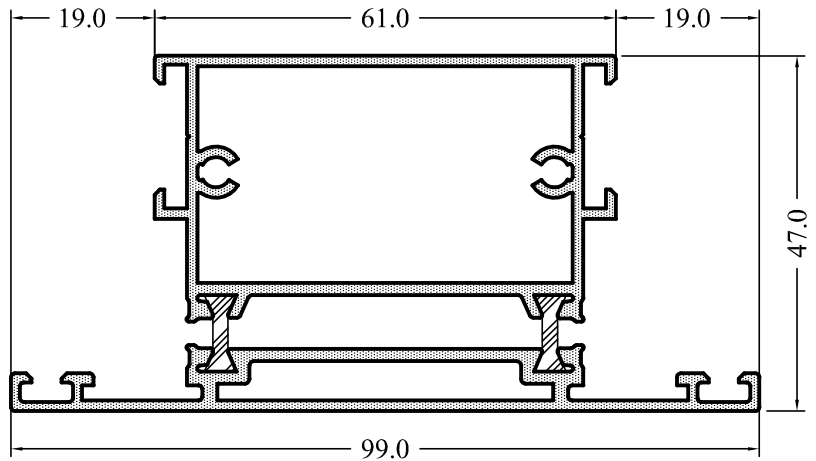
EL47-71
0,485 kg/m



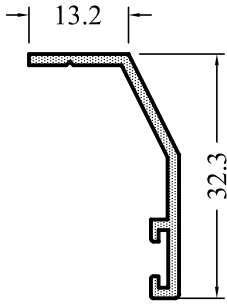
AS-160
0.125 Kg/m



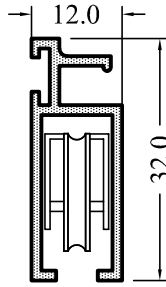
ÇELİK RAY
(3mt-4mt-5mt-6mt)



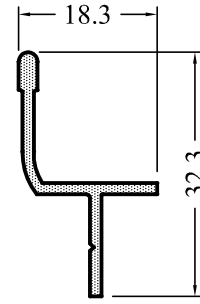
EL47-20
1,753 kg/m



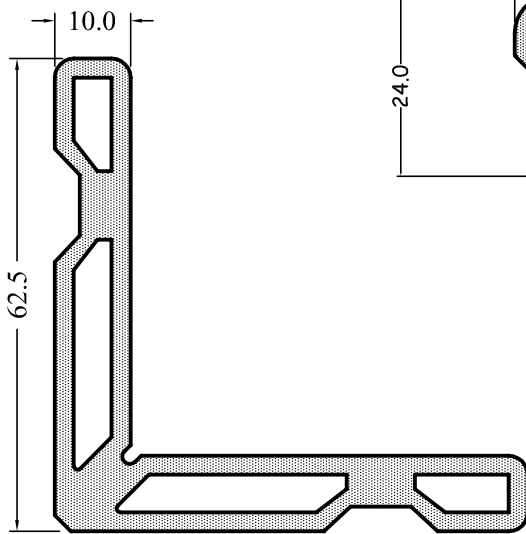
AS-181
0,205 kg/m



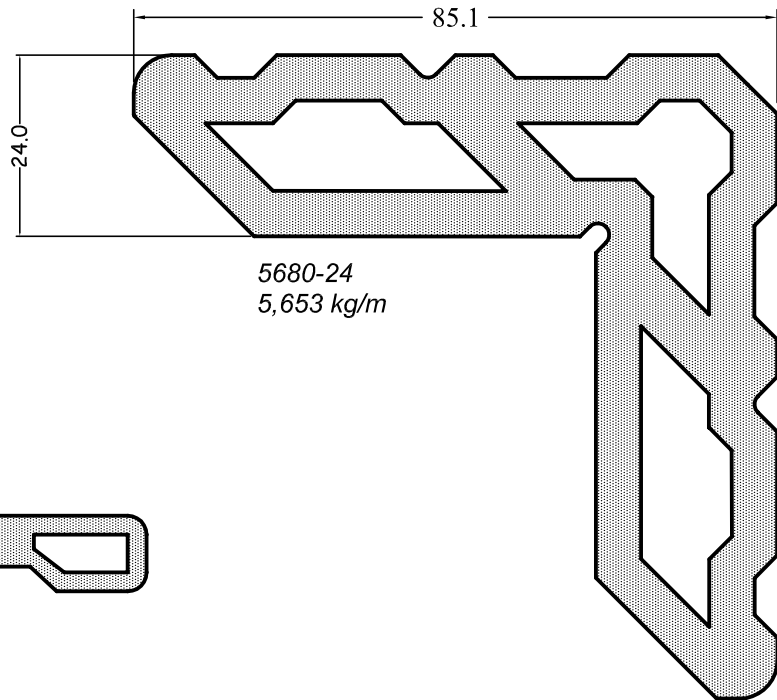
4304-13
0,290 kg/m



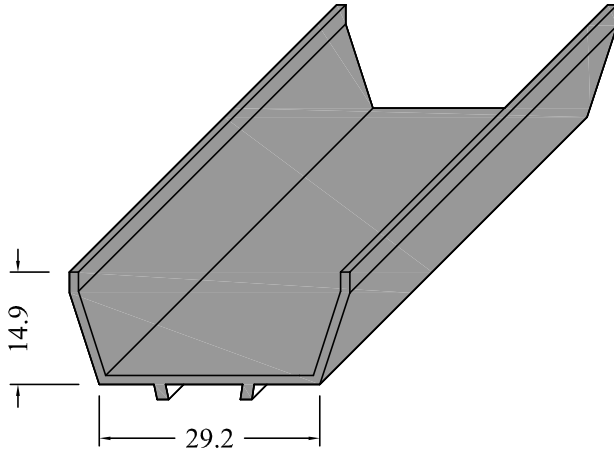
EHS-34
0,205 kg/m



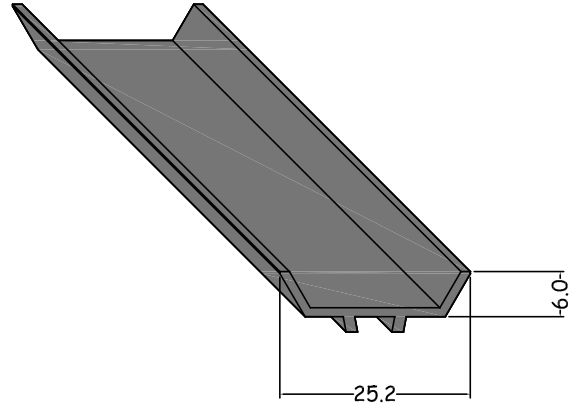
6255-10
1,843 kg/m



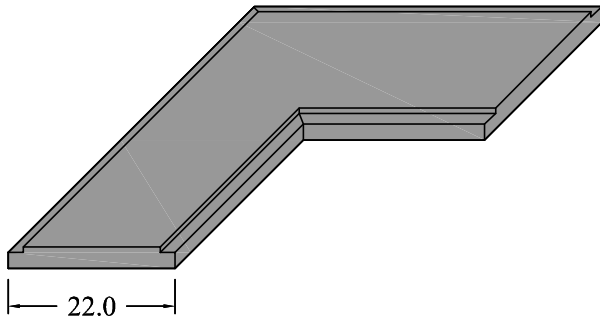
5680-24
5,653 kg/m



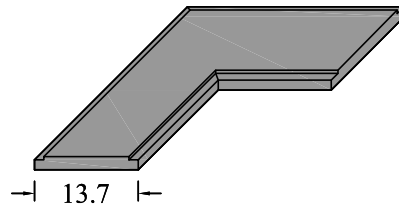
PVC-24 (Metre)
KASA KANAL
PLASTİĞİ (AS-110)



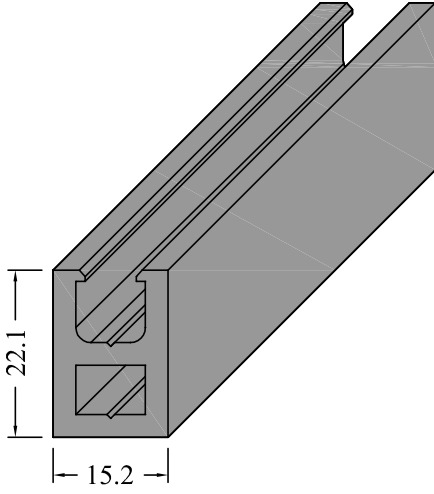
PVC-25 (Metre)
KASA KANAL
PLASTİĞİ (AS-111)



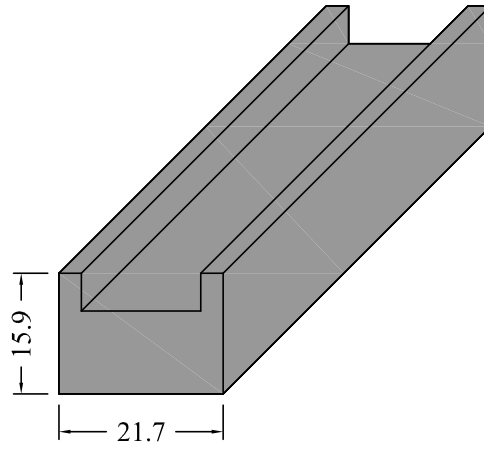
PVC-27 (Adet)
PLASTİK KÖŞE
ÇAVUŞU



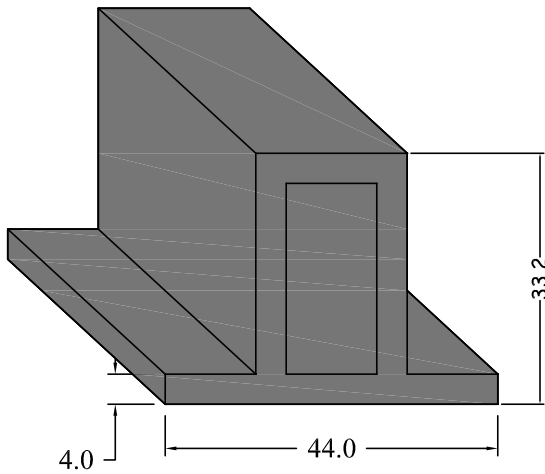
PVC-31 (Adet)
PLASTİK KÖŞE
ÇAVUŞU



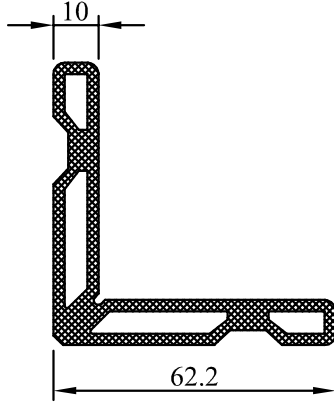
PVC-29 (Adet)
STOPPER ÜST
PLASTİĞİ



PVC-30 (Adet)
STOPPER ALT
PLASTİĞİ



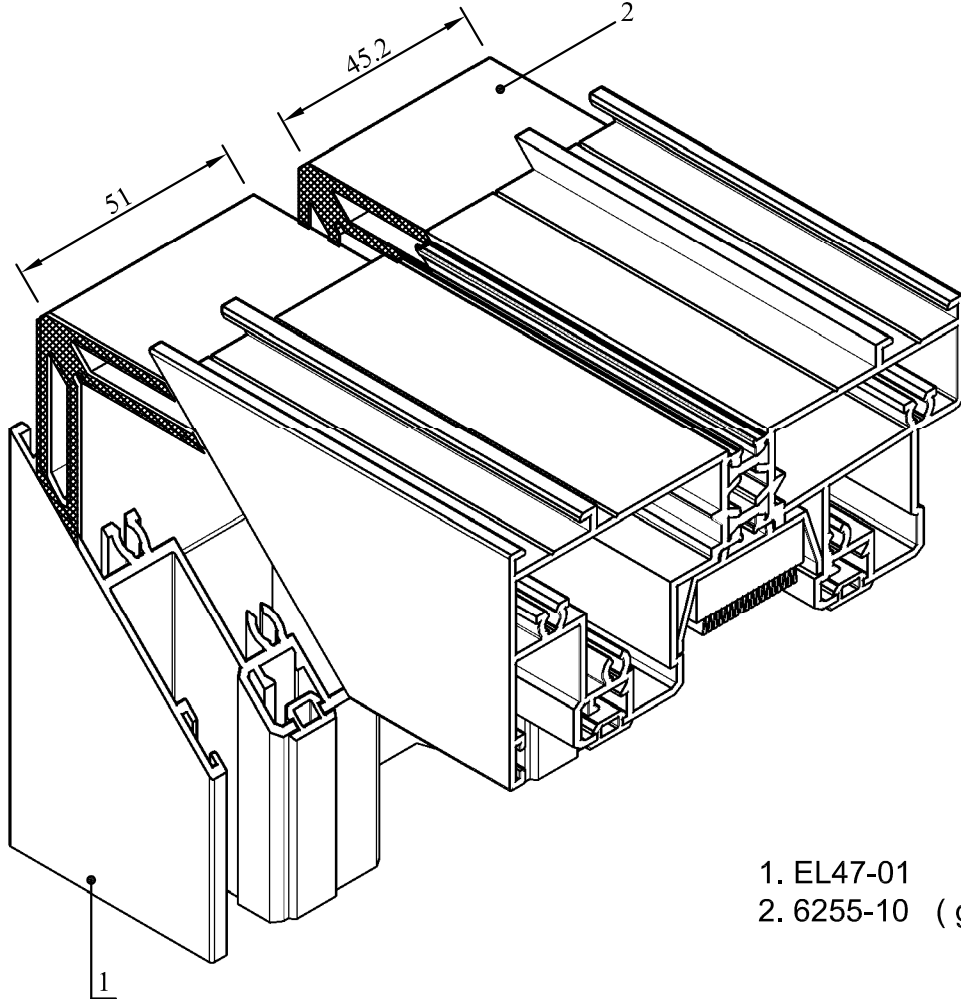
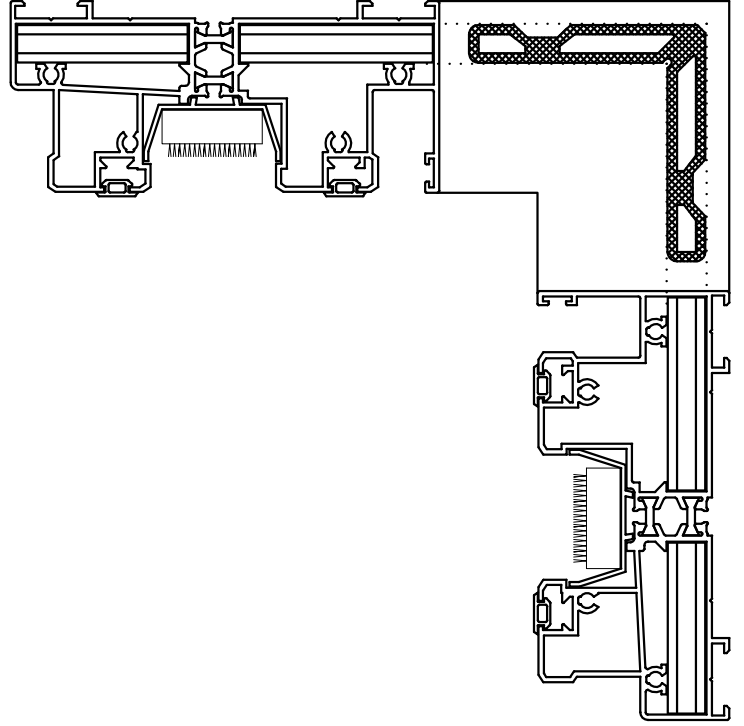
PVC-38 (Adet)
SABİT KANAT
SABİTLEME TAKOZU



ÖLÇEK : 1/2

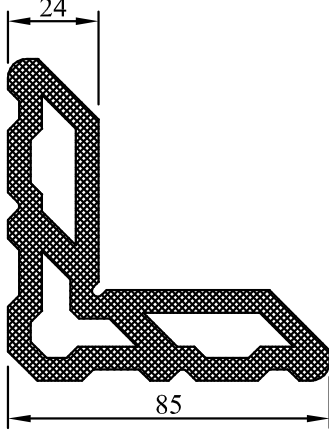
6255 - 10

1.843 Kg/m



1. EL47-01

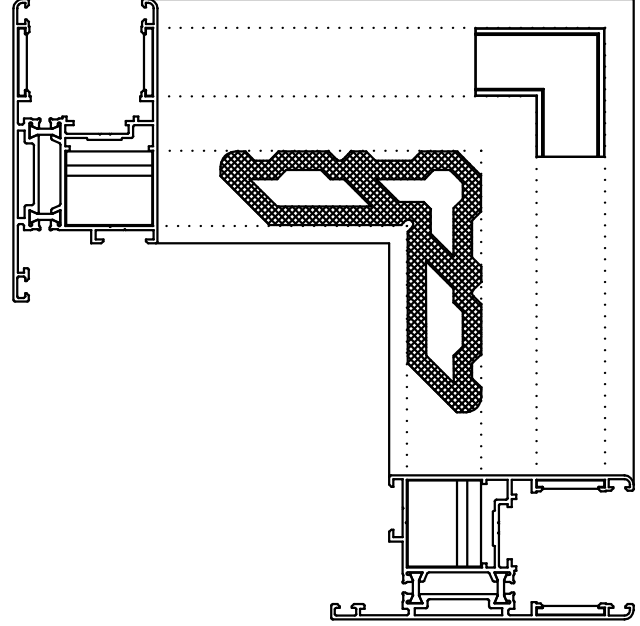
2. 6255-10 (gönye) / Cleat



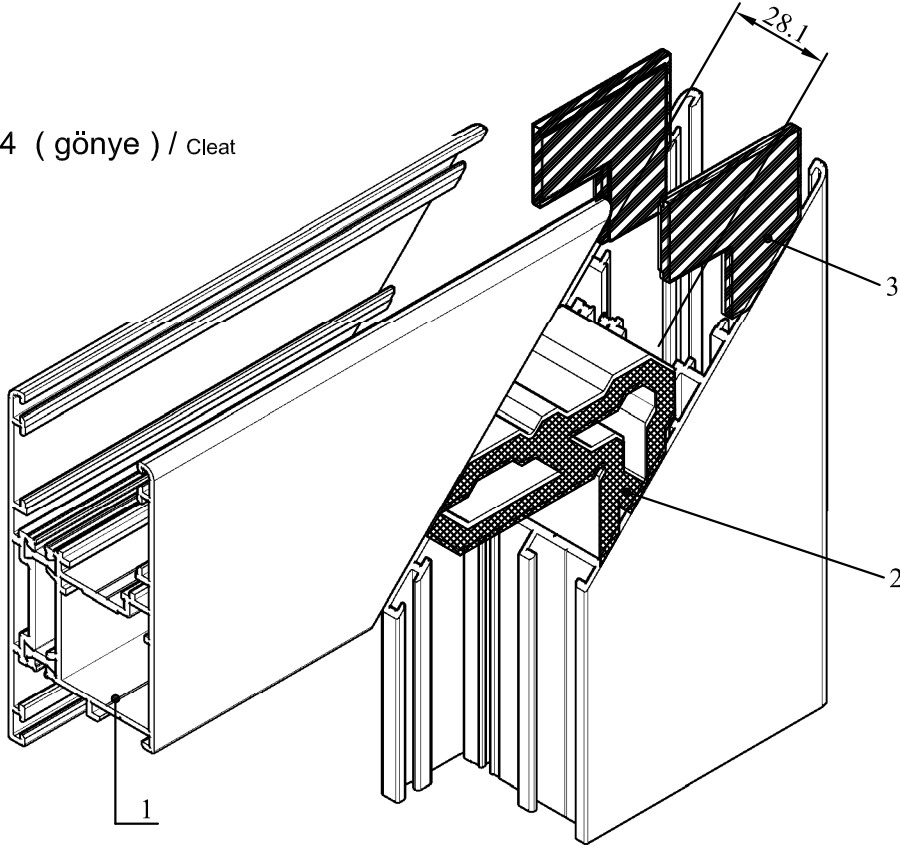
ÖLÇEK : 1/2

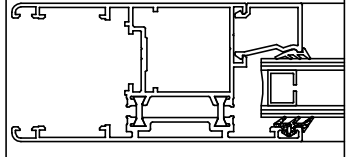
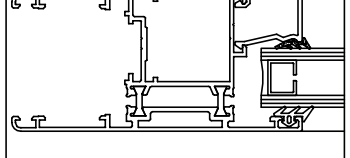
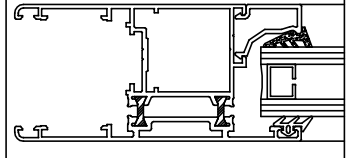
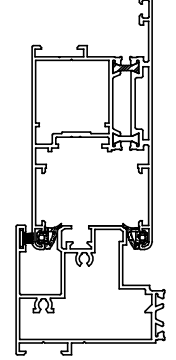
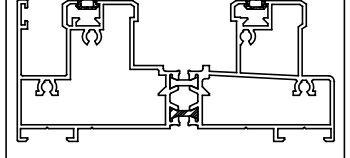
5680 - 24

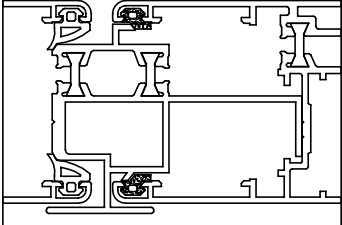
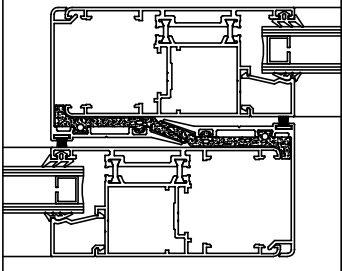
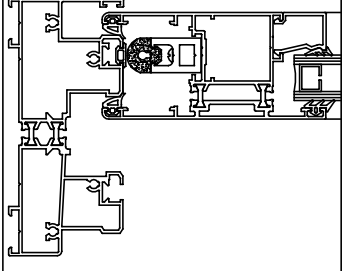
5.653 Kg/m



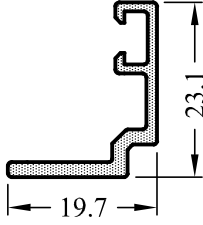
1. EL47-31
2. 5680 - 24 (gönye) / Cleat
3. PVC-27



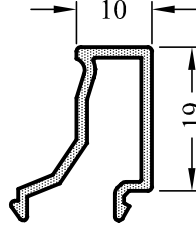
Numarası (Code Number)	Koli Şekli (Pack Details)	Kullanıldığı Yer (Used At)	Uygulama Resmi (Application Picture)
 SY 01	KOLİ / PACKAGE Gr/m = 61 gr Miktar/Quantity = 245 mt Koli ağırlığı / Package weight = 15 kg	Sabit dış cam fitili Outside glazing gasket	
 SY 02	KOLİ / PACKAGE Gr/m = 47 gr Miktar/Quantity = 310 mt Koli ağırlığı / Package weight = 15 kg	İç cam fitili Inside glazing gasket	
 SY 09	KOLİ / PACKAGE Gr/m = 70 gr Miktar/Quantity = 210 mt Koli ağırlığı / Package weight = 15 kg	İç cam fitili Inside glazing gasket	
 SY 17	KOLİ / PACKAGE Gr/m = 51 gr Miktar/Quantity = 294 mt Koli ağırlığı / Package weight = 15 kg	Kanat fitili Sash gasket	
 SY 18	KOLİ / PACKAGE Gr/m = 35 gr Miktar/Quantity = 429 mt Koli ağırlığı / Package weight = 15 kg	Kasa fitili Frame gasket	

Numarası (Code Number)	Koli Şekli (Pack Details)	Kullanıldığı Yer (Used At)	Uygulama Resmi (Application Picture)
 SY 19	KOLİ / PACKAGE Gr/m = 30 gr Miktar/Quantity = 500 mt Koli ağırlığı / Package weight = 15 kg	Adaptör fitili Adapter gasket	
 SY 22	KOLİ / PACKAGE Gr/m = 300 gr Miktar/Quantity = 40 mt Koli ağırlığı / Package weight = 12 kg	Kenet fitili Adapter gasket	
 SY 33	KOLİ / PACKAGE Gr/m = 214 gr Miktar/Quantity = 70 mt Koli ağırlığı / Package weight = 15 kg	Stoper fitili Stoper gasket	

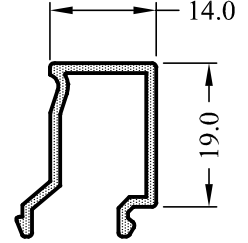
CAM ÇITALARI



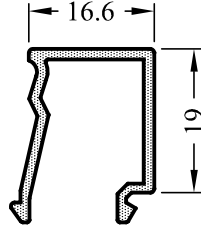
5648-15
0.220 Kg/m



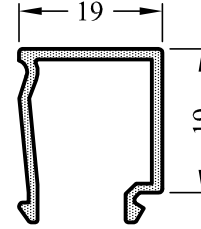
5640-15
0.227 Kg/m



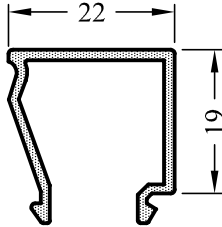
ES4540-13
0.224 Kg/m



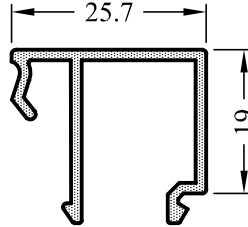
5641-15
0.245 Kg/m



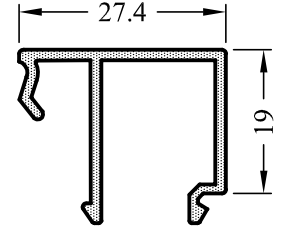
Y55410-15
0.247 Kg/m



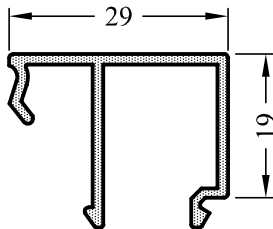
5642-15
0.260 Kg/m



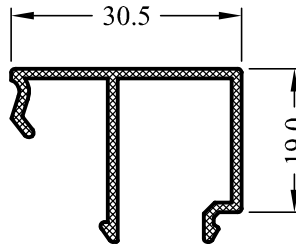
5643-15
0.315 Kg/m



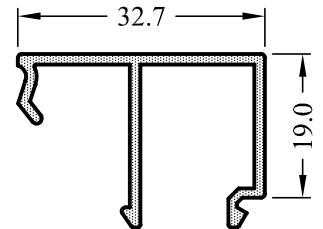
5644-15
0.315 Kg/m



5645-15
0.320 Kg/m



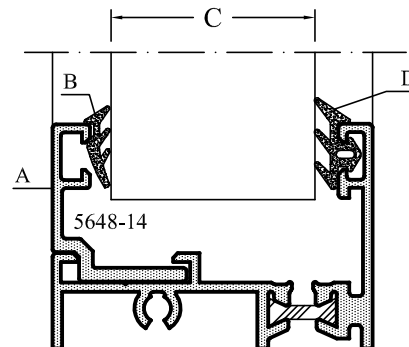
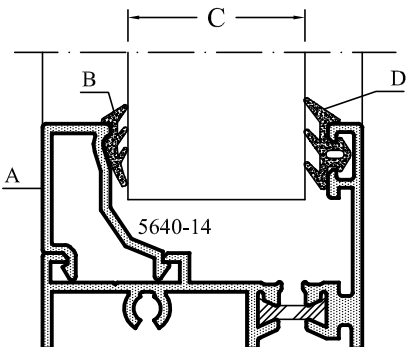
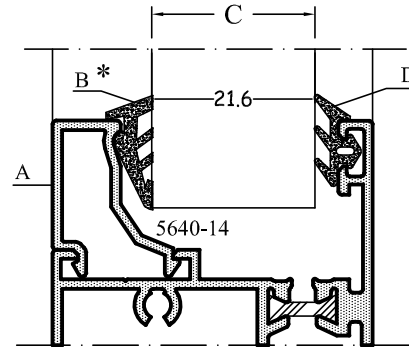
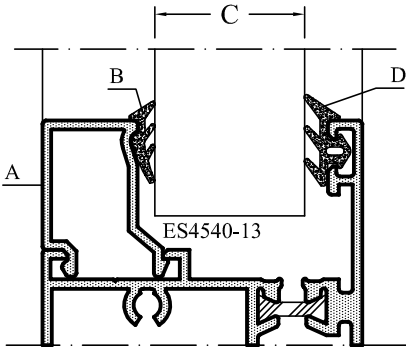
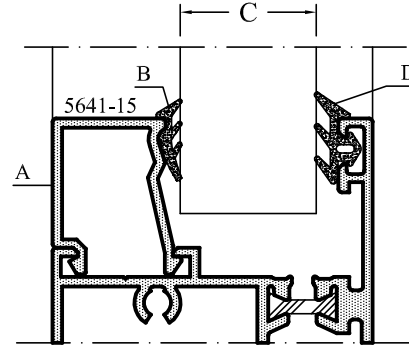
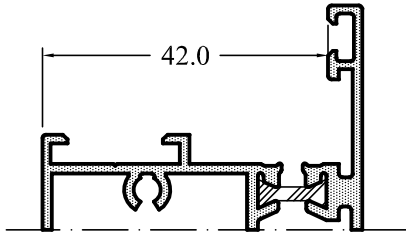
ES4545-13
0.306 Kg/m



6500-15
0.335 Kg/m

CAM KALINLIĞINA GÖRE FİTİL TAYİNİ
GASKET CHOICE ACCORDING TO GLAZING THICKNESS

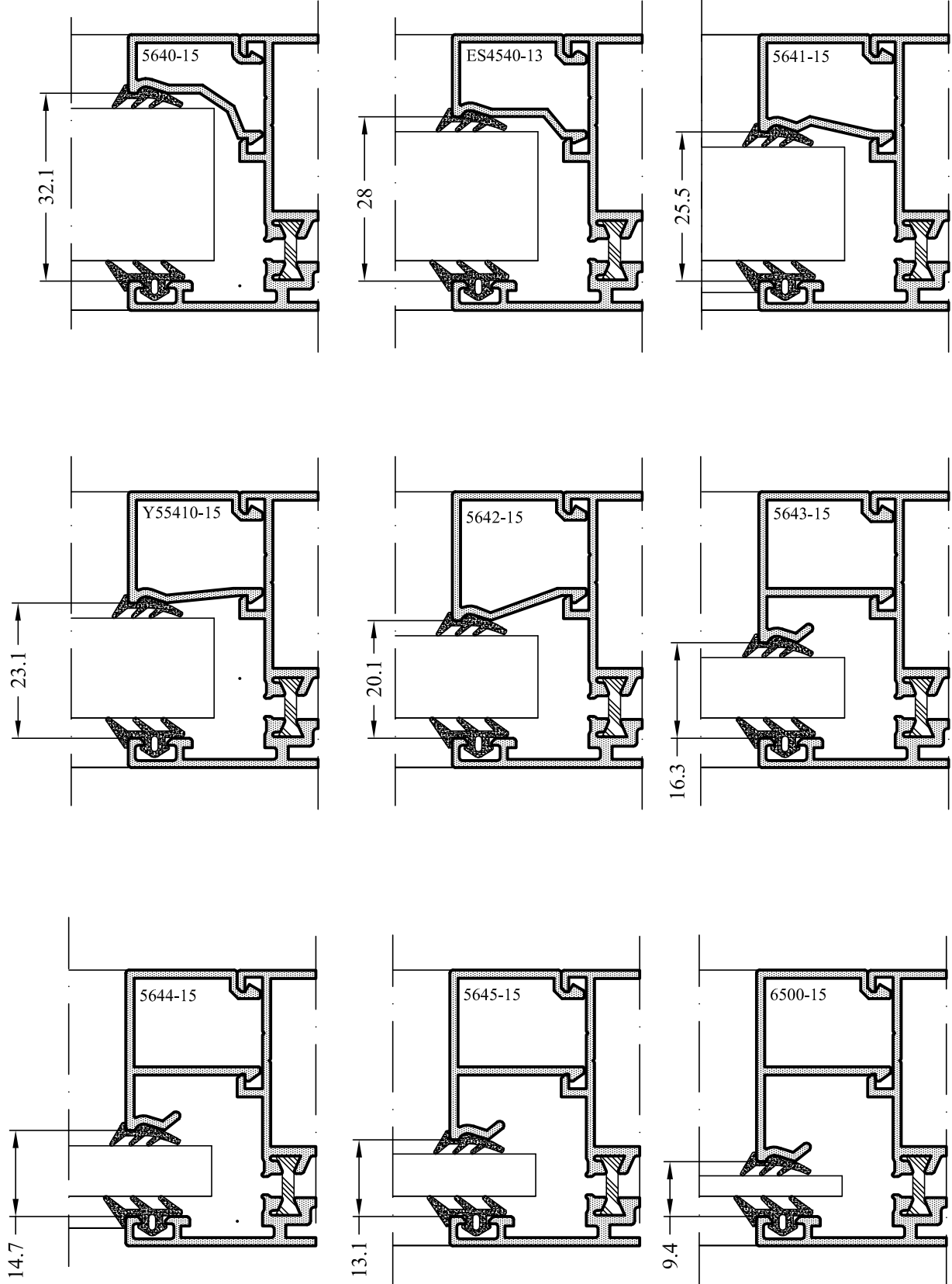
A CAM ÇİTASI (GLAZING BEAD)	B İÇ CAM FİTİLİ (INSIDE GLAZING GASKET)	C CAM KALINLIĞI (GLAZING THICKNESS)	D DIŞ CAM FİTİLİ (OUTSIDE GLAZING GASKET)	TOPLAM BOŞLUK (TOTAL SPACE)
6500-15	SY 02	4 mm	SY 01	42.0 mm
ES4545-13	SY 02	6 mm	SY 01	
5644-15	SY 02	8 mm	SY 01	
5643-15	SY 02	10 mm	SY 01	
5642-15	SY 02	15 mm	SY 01	
5641-15	SY 02	20 mm	SY 01	
ES4540-13	SY 02	22 mm	SY 01	
5640-15 *	SY 09	24 mm	SY 01	
5640-15	SY 02	26 mm	SY 01	
5648-15	SY 01	30 mm	SY 01	

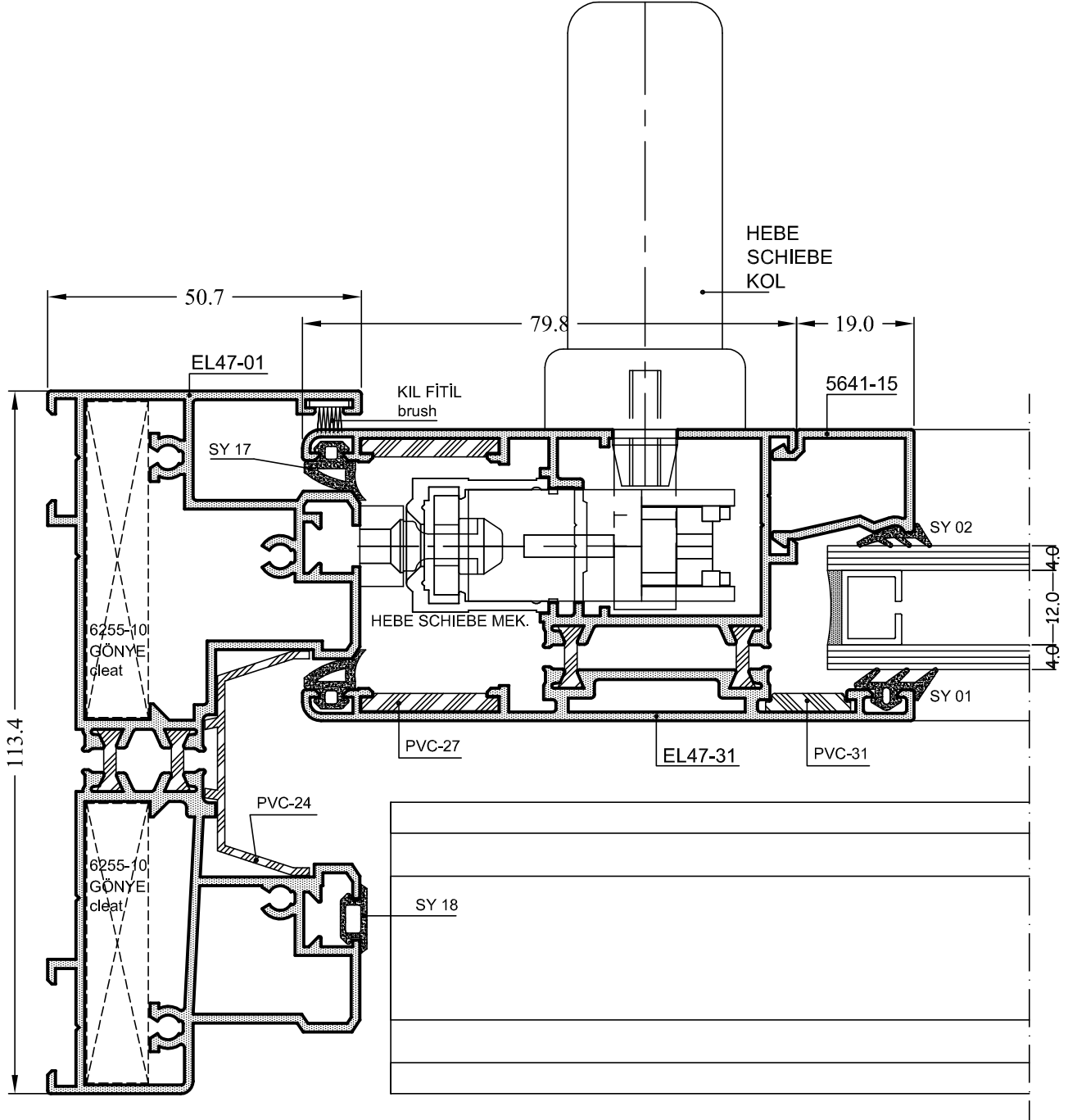
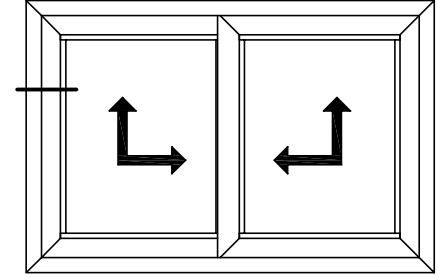


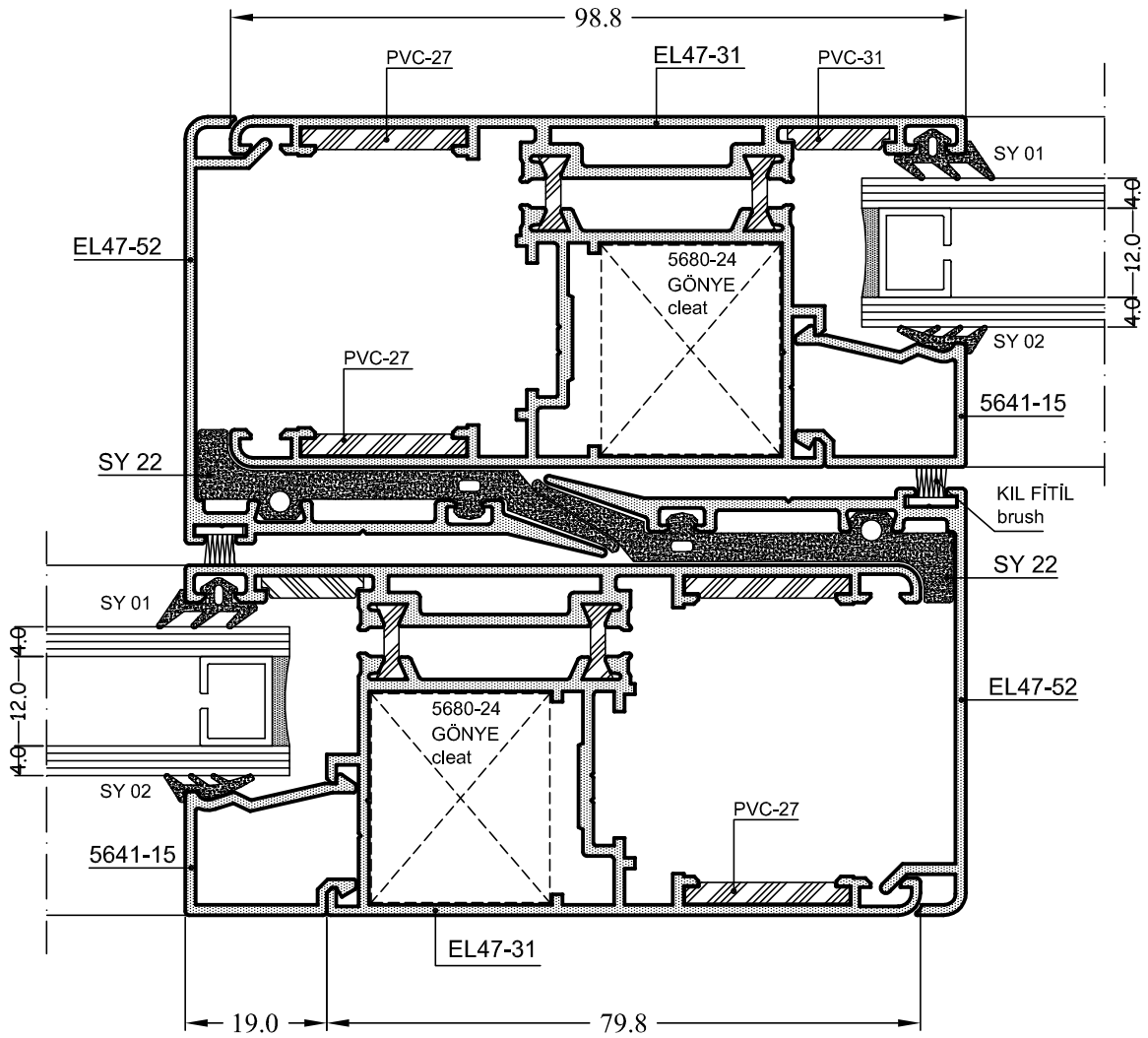
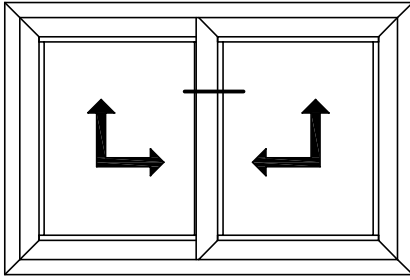
KASA VE ÇITA ARASI NET BOŞLUK

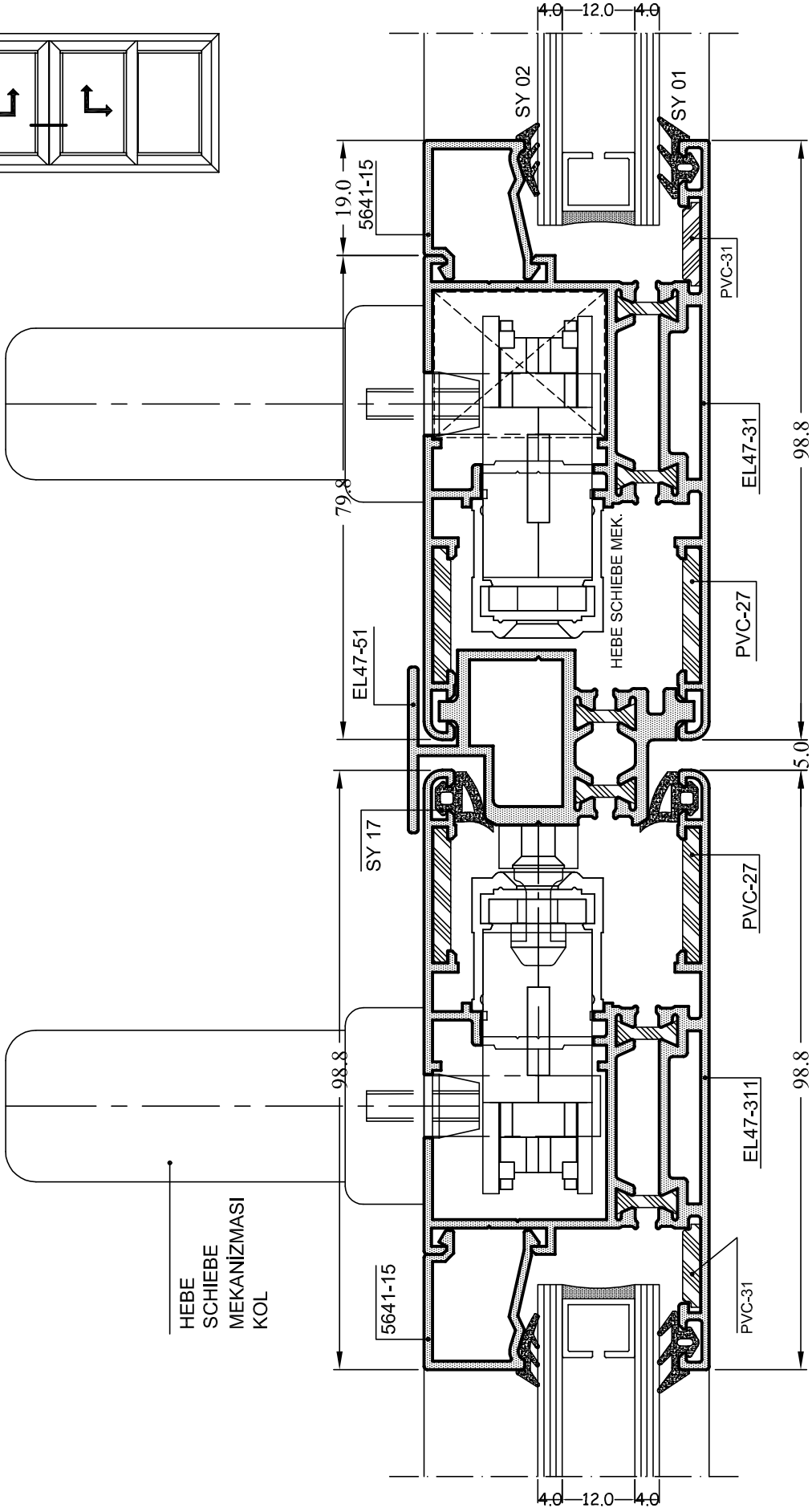
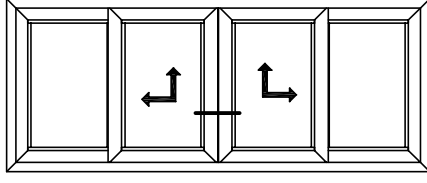
NET SPACE BETWEEN FRAME AND BEAD

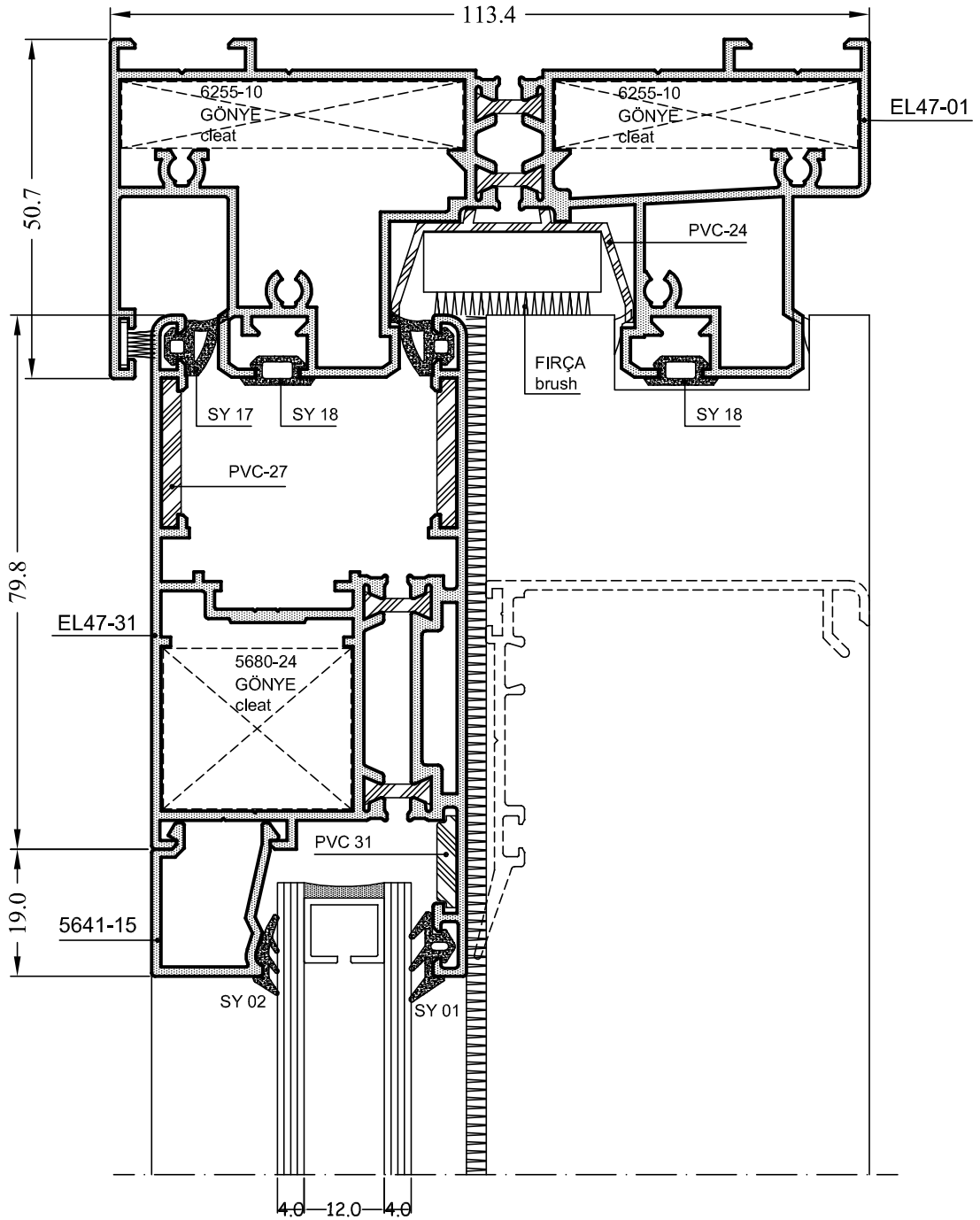
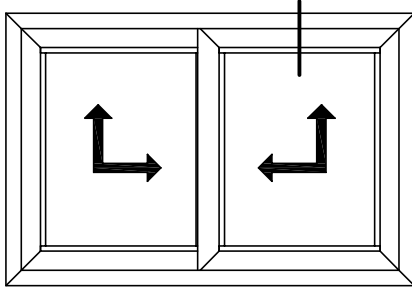
(ÖLÇÜLERE FİTİL DAHİL DEĞİLDİR)

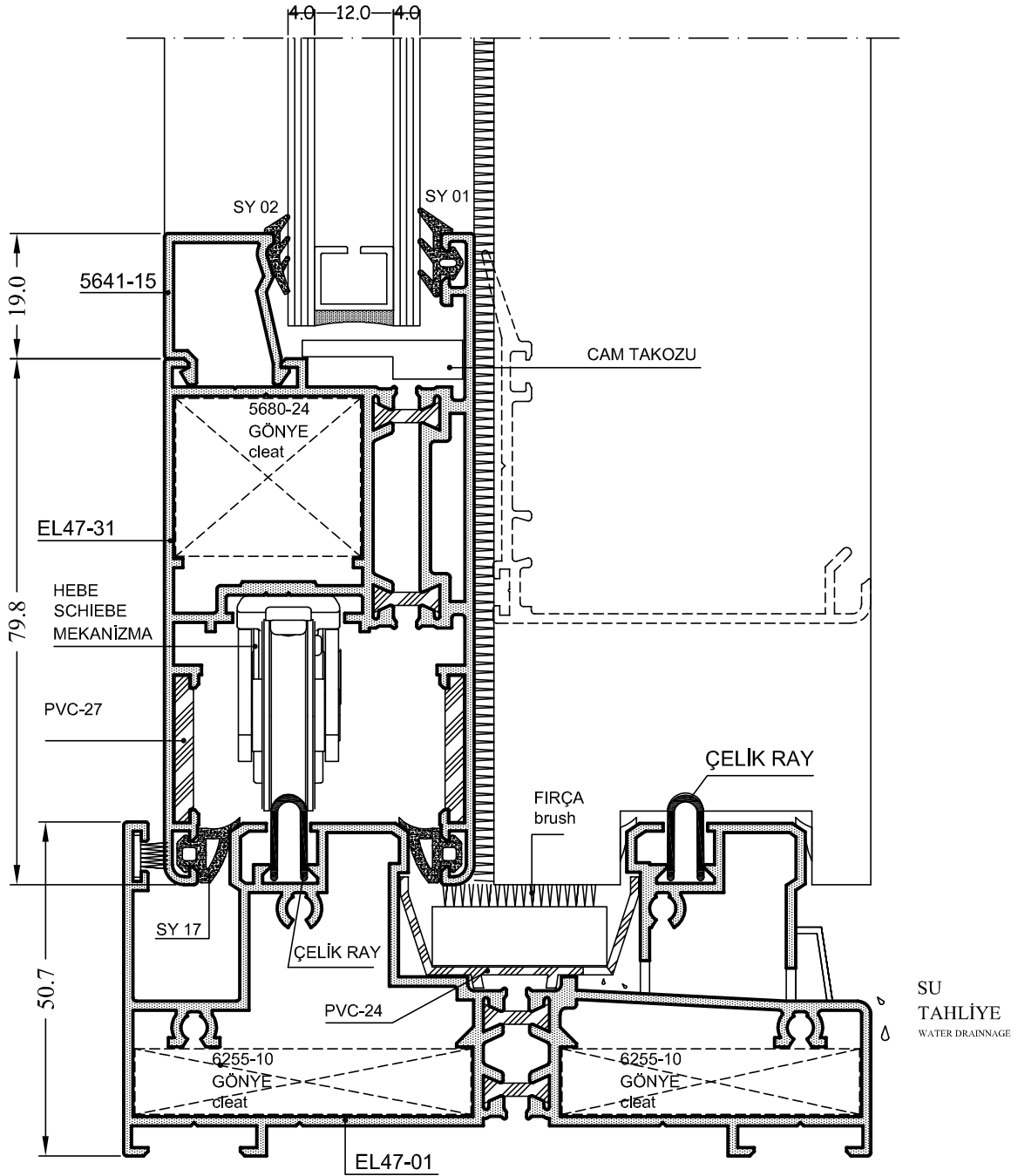
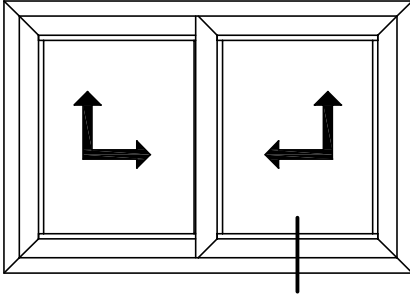


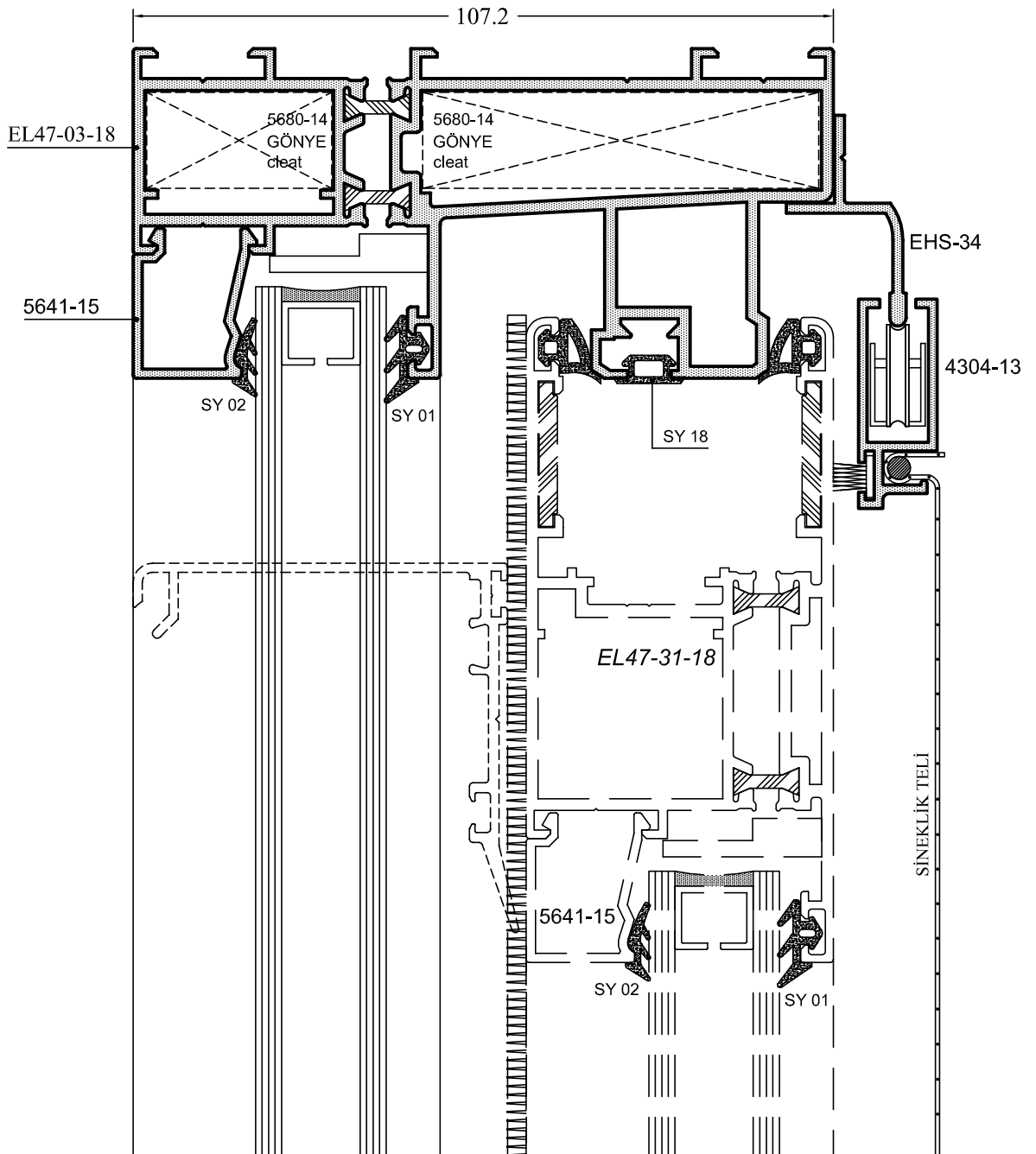
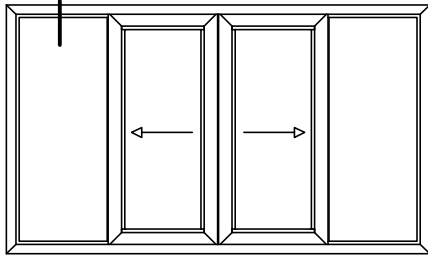


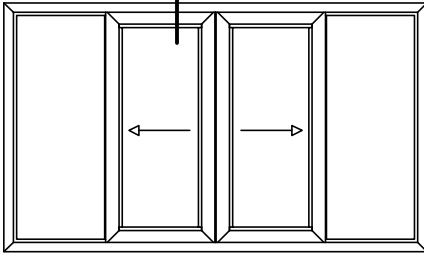




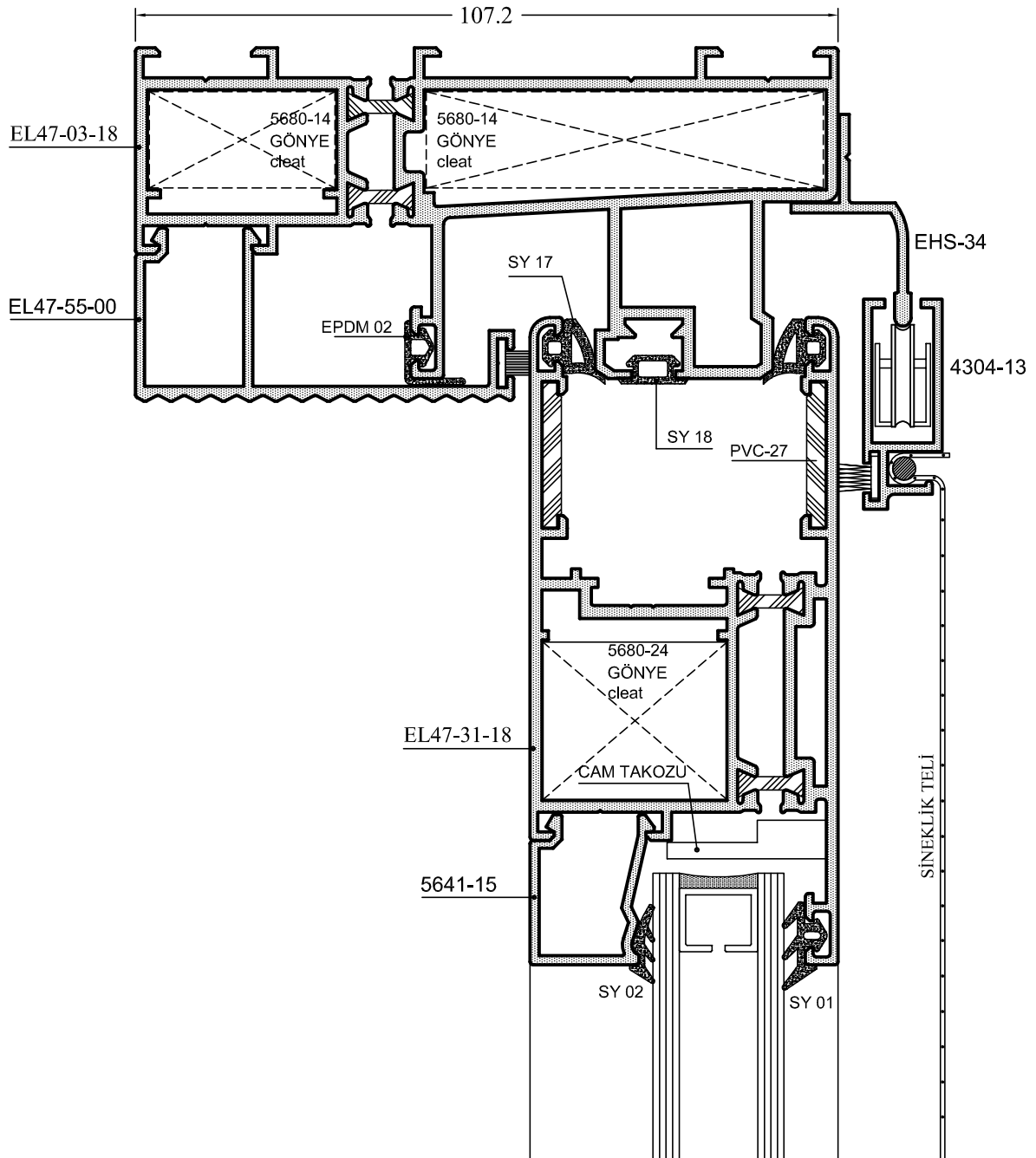


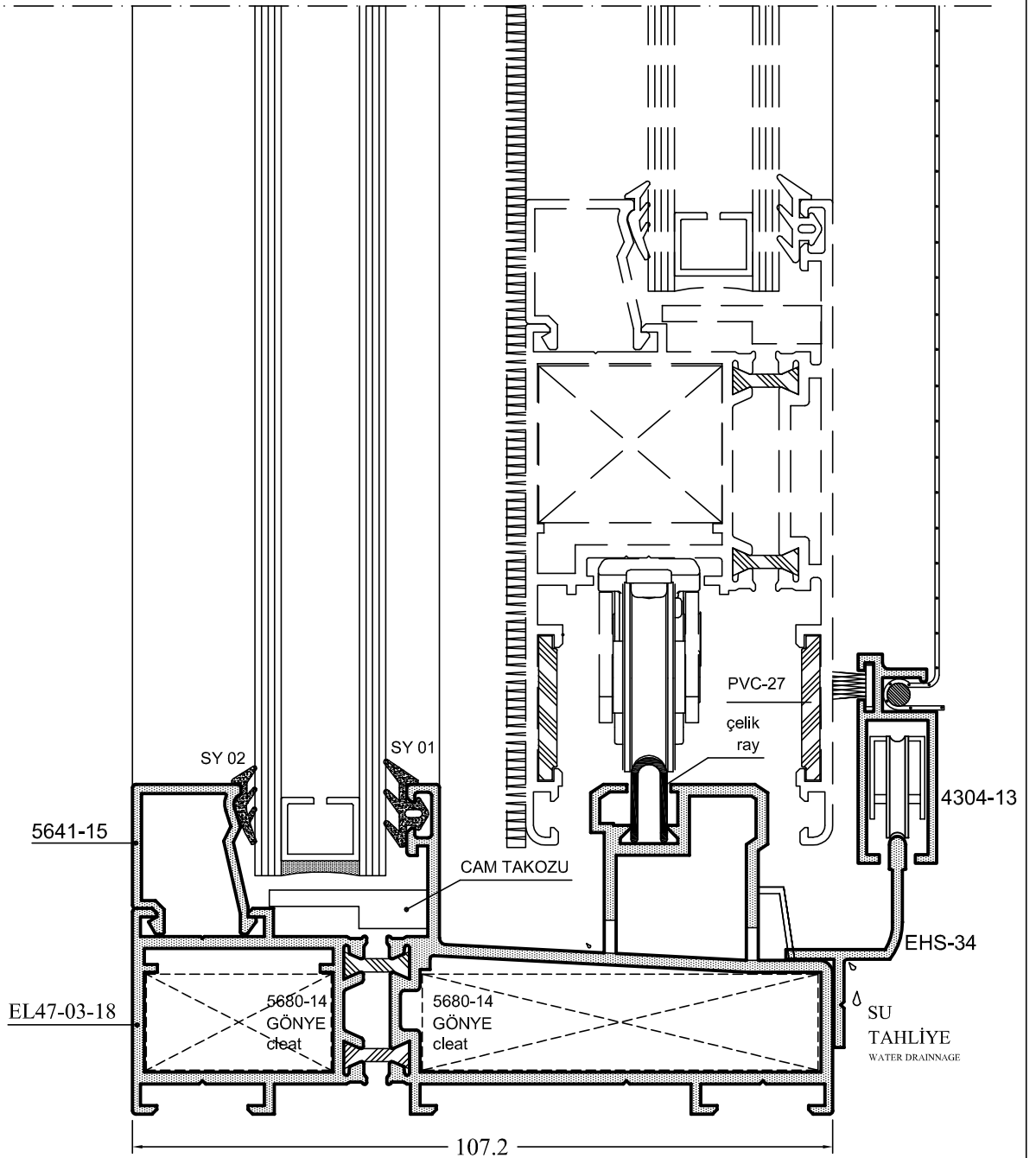
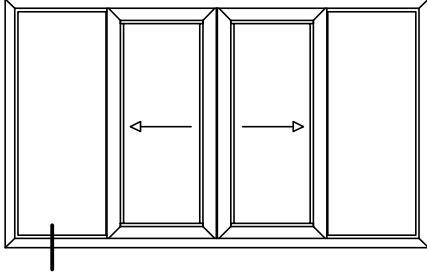


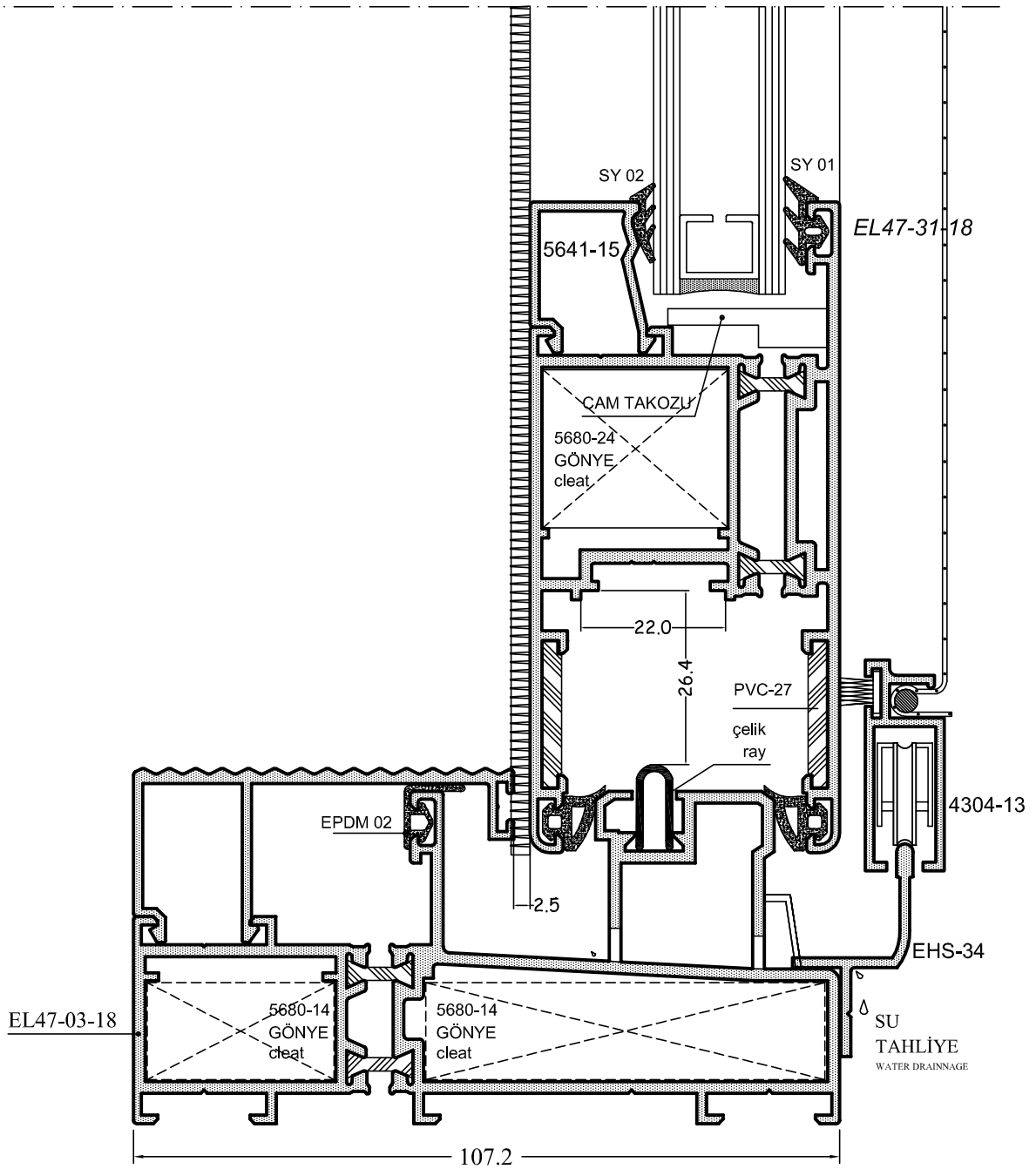
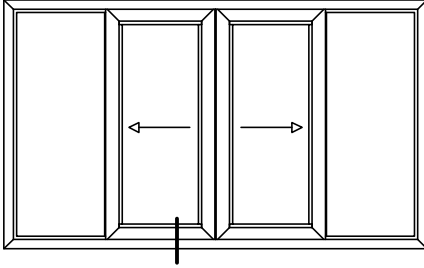


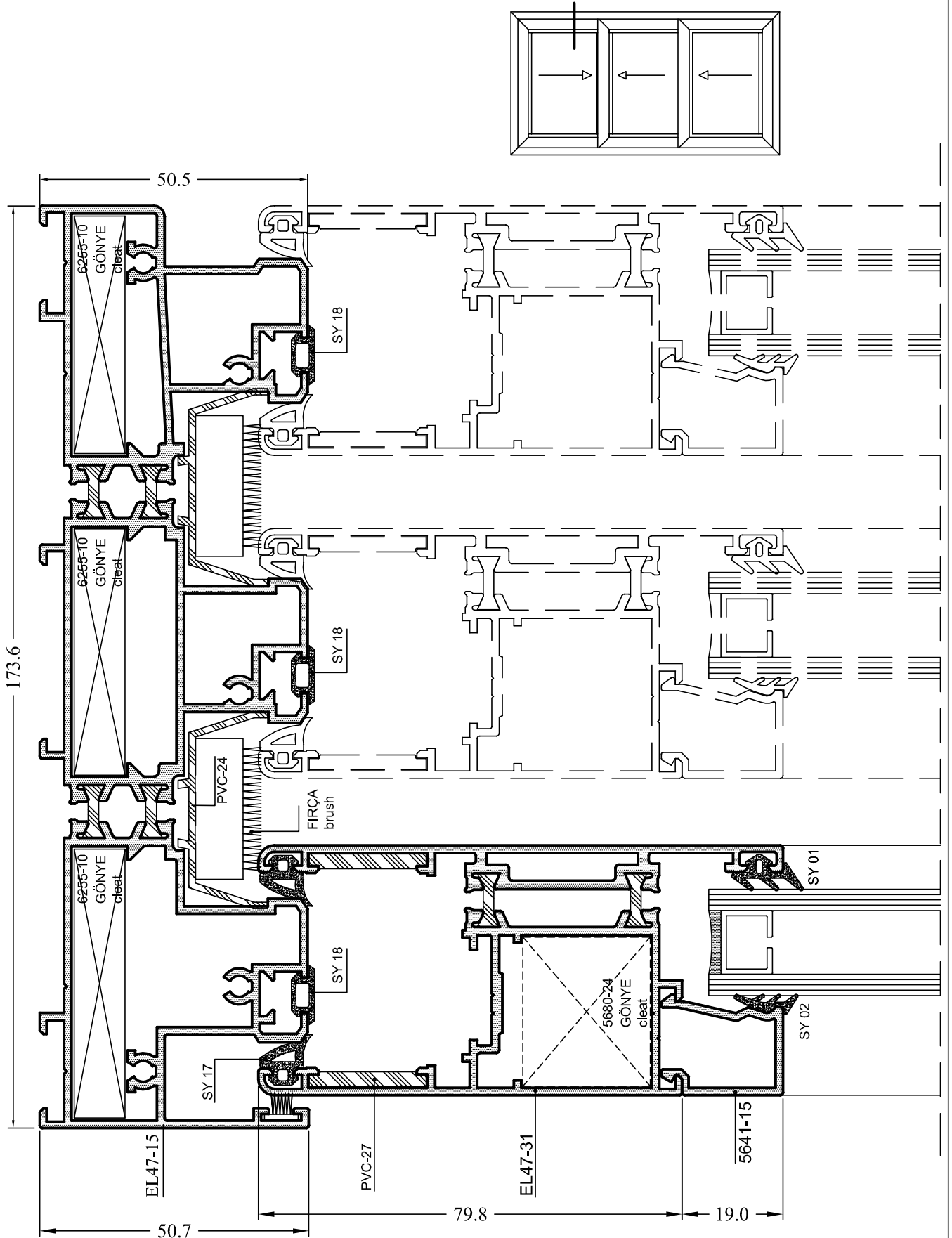


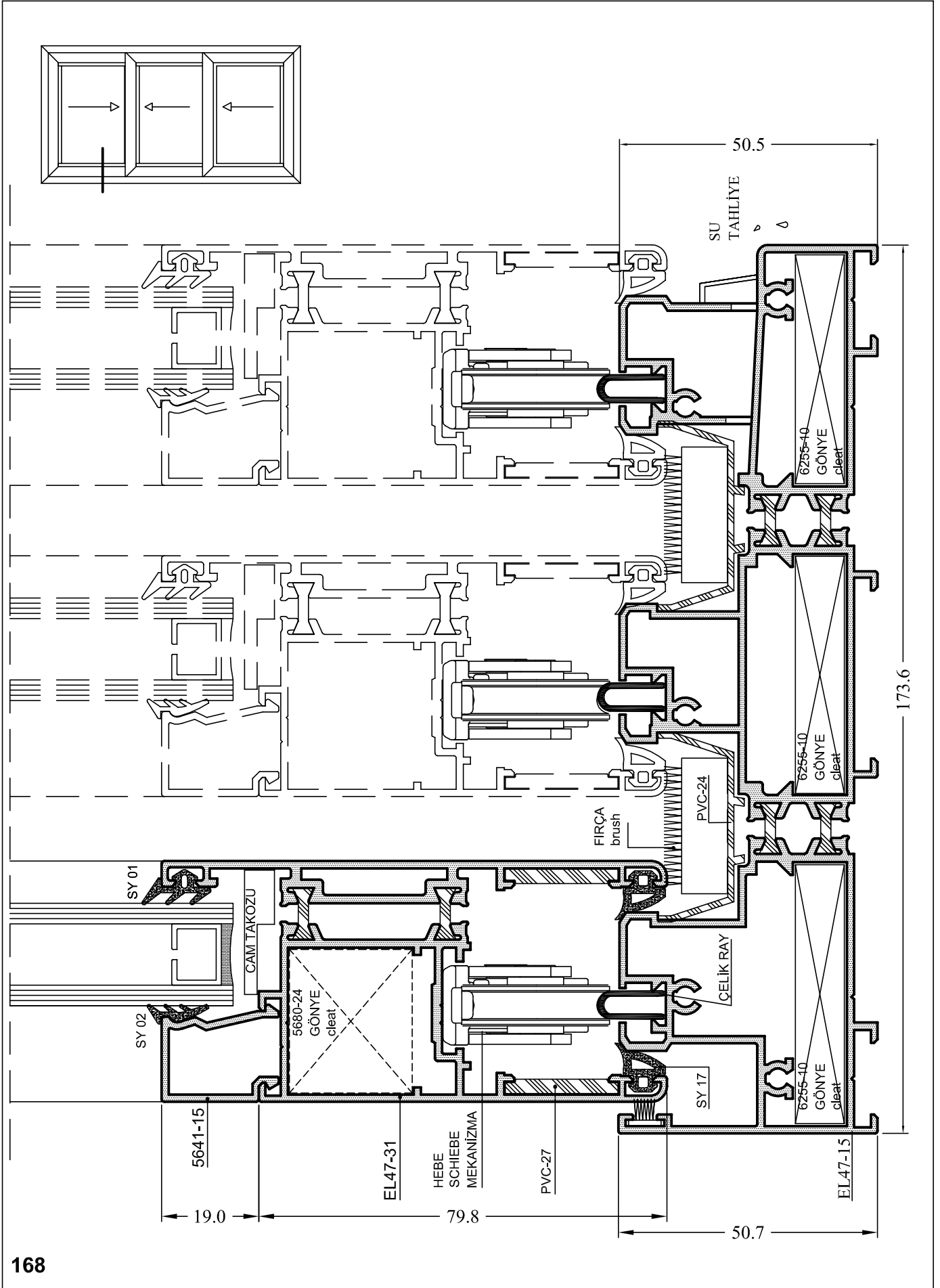
2,286 kg/m
EL47-01-18

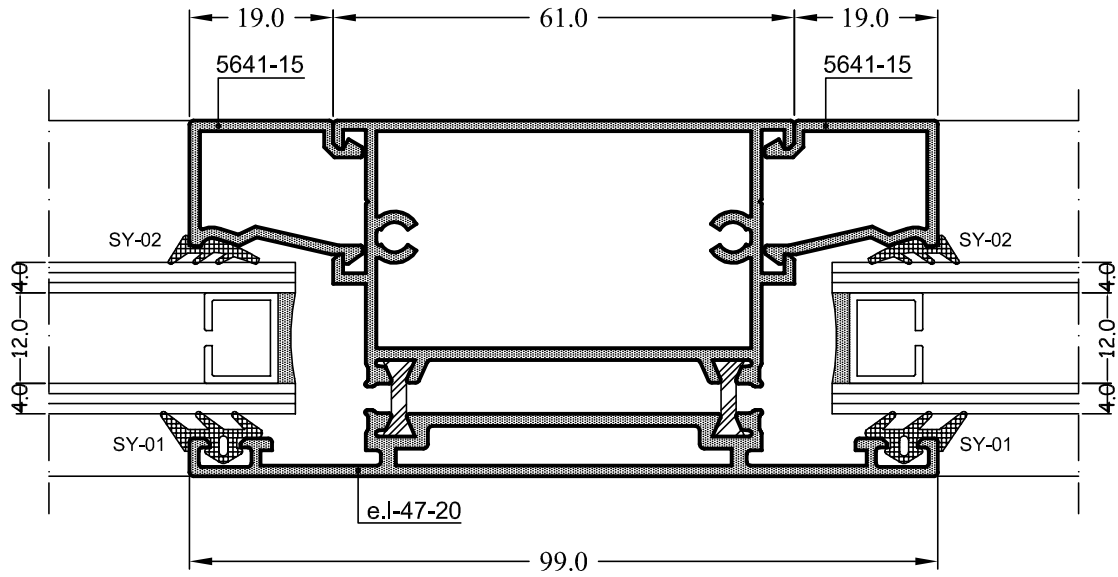
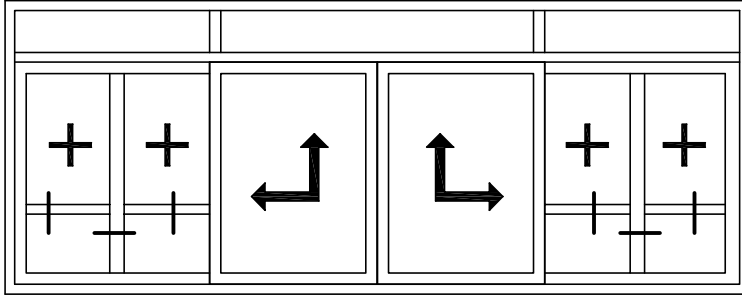




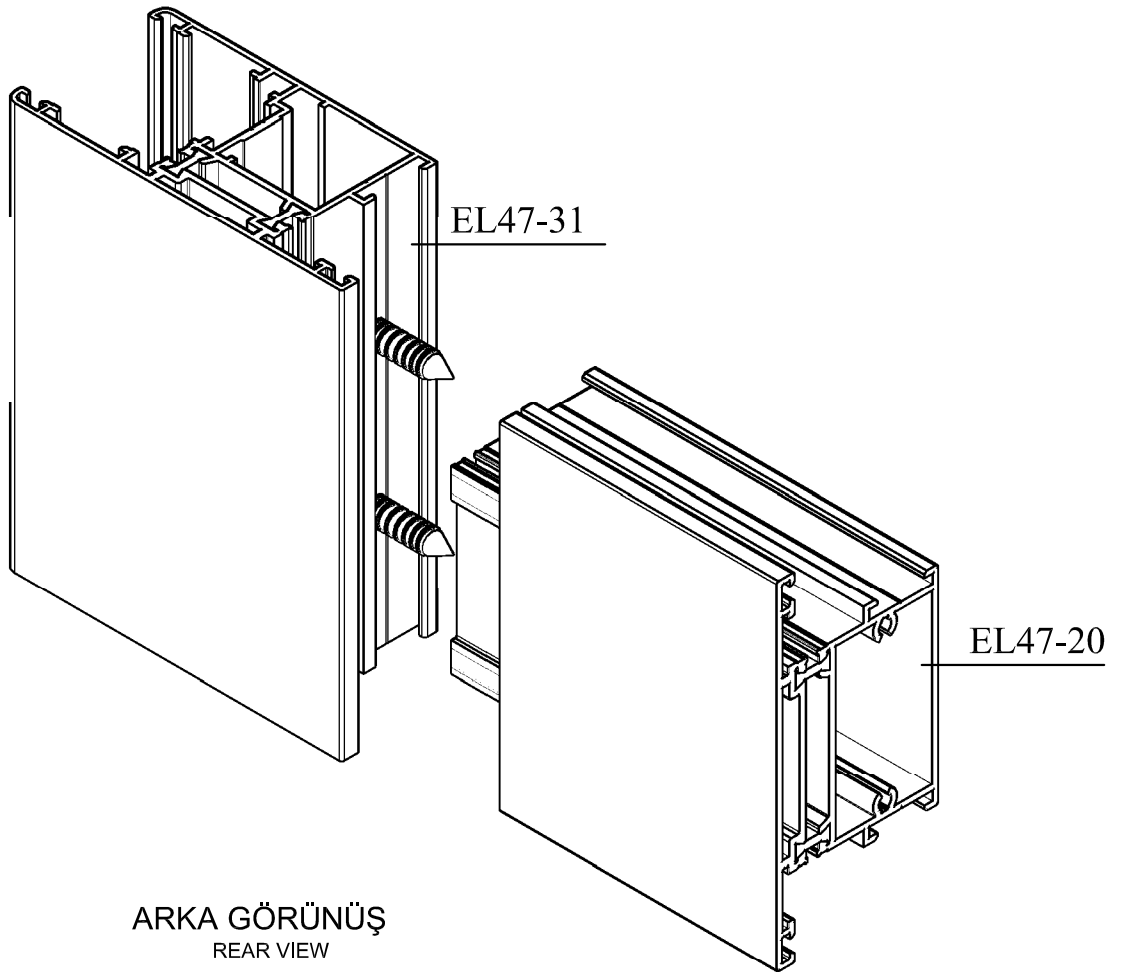


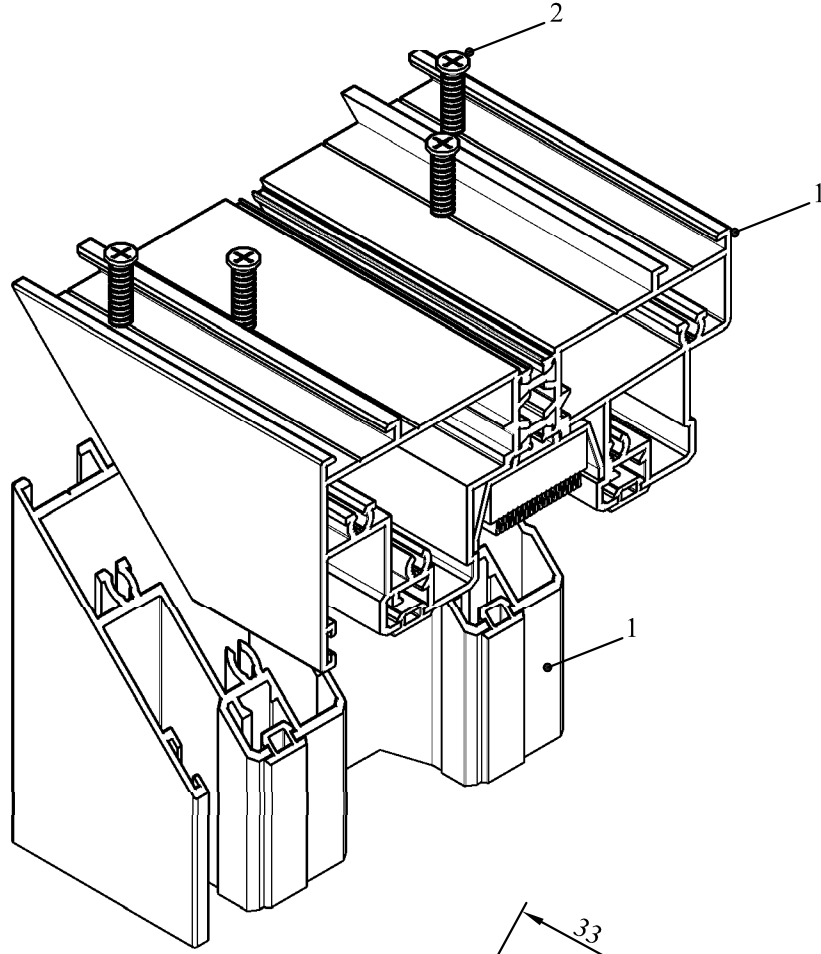






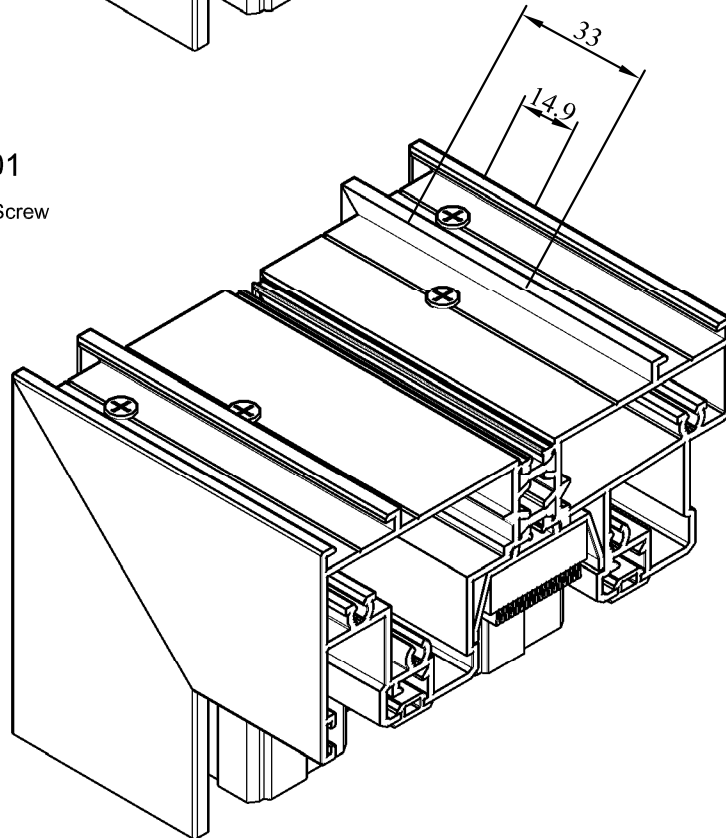
U BAĞLANTI (VİDALI)
U CONNECTION

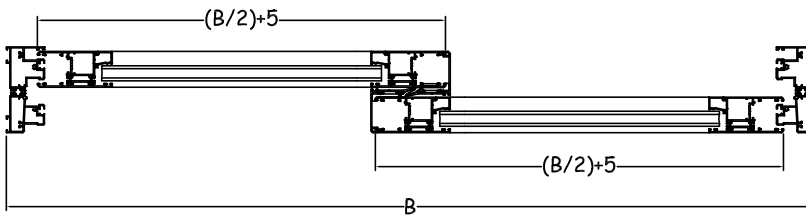
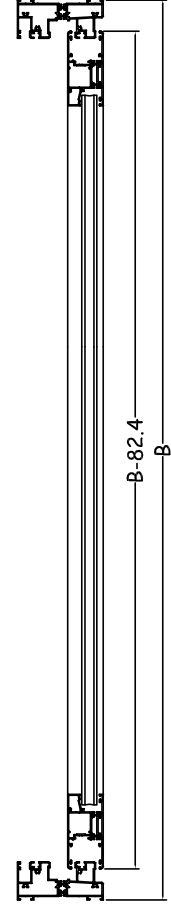
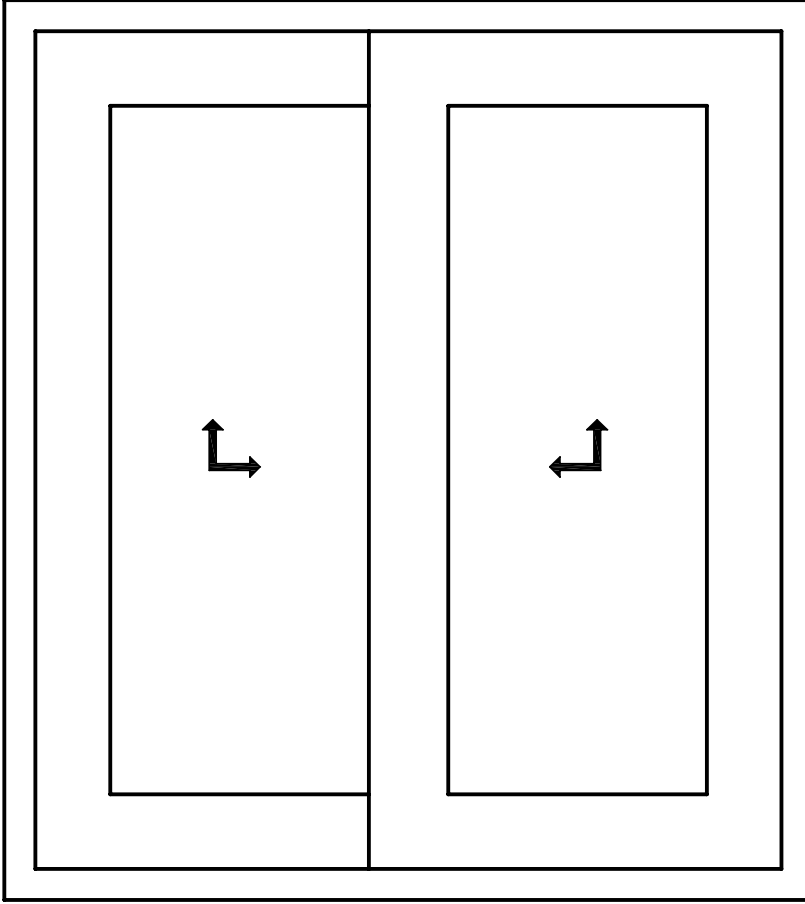




1. e.l - 4701

2. VİDA / Screw



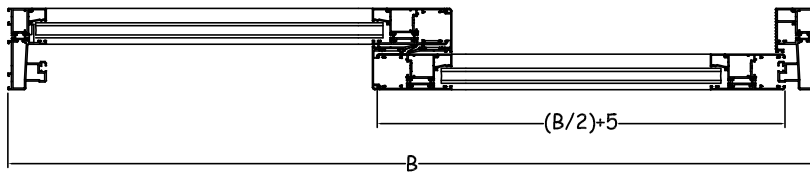
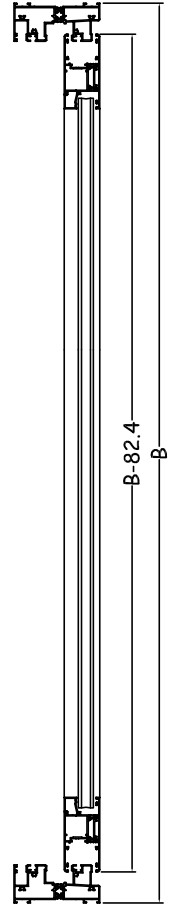
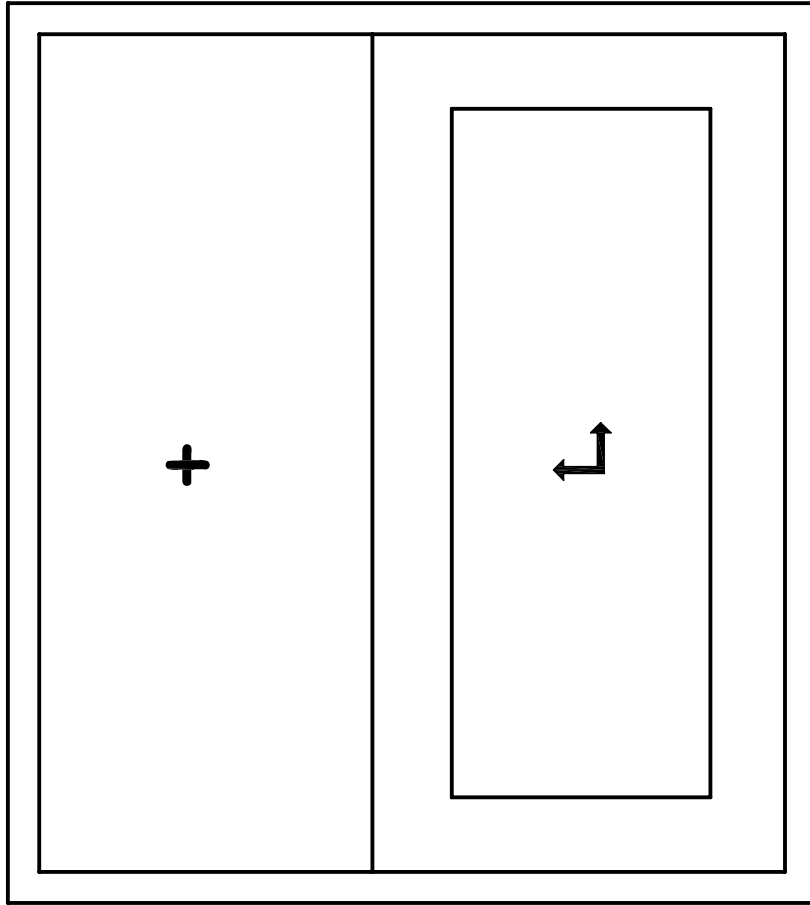


KANAT YATAY KESİM ÖLÇÜSÜ

$$w = (\text{DIŞKASA ÖLÇÜSÜ} / 2) + 5$$

KANAT DÜŞEY KESİM ÖLÇÜSÜ

$$h = \text{DIŞKASA ÖLÇÜSÜ} - 82.4\text{mm}$$



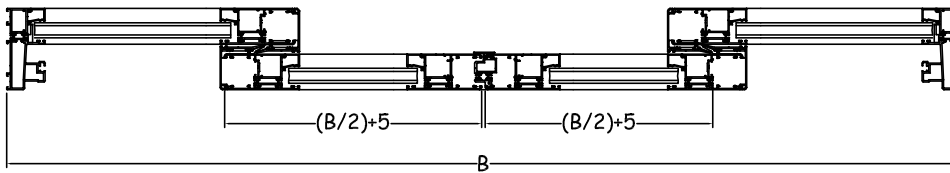
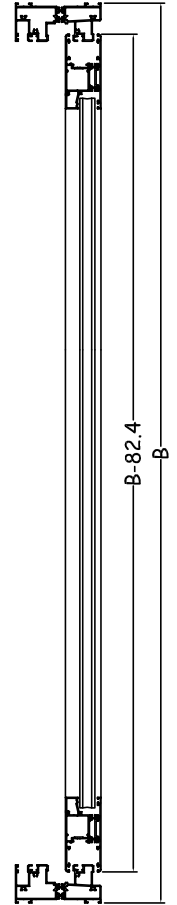
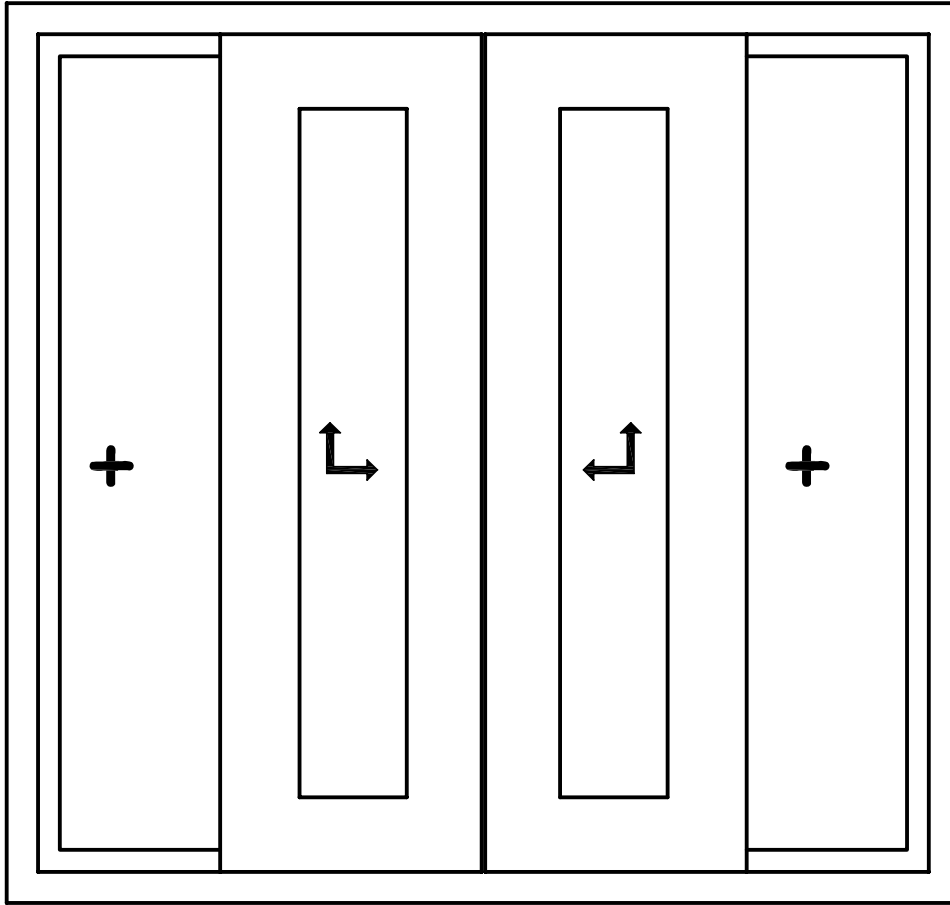
KANAT YATAY KESİM ÖLÇÜSÜ

$$w = (DIŞKASA \text{ ÖLÇÜSÜ} / 2) + 5$$

KANAT DÜŞEY KESİM ÖLÇÜSÜ

$$h = DIŞKASA \text{ ÖLÇÜSÜ} - 82.4mm$$

EKONOMİK HEBE-SCHIEBE SÜRME SİSTEMİ
KANAT KESİM ÖLÇÜSÜ



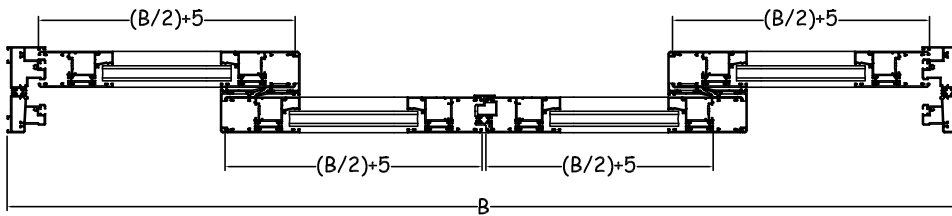
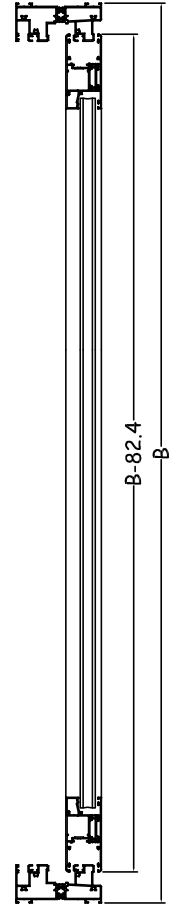
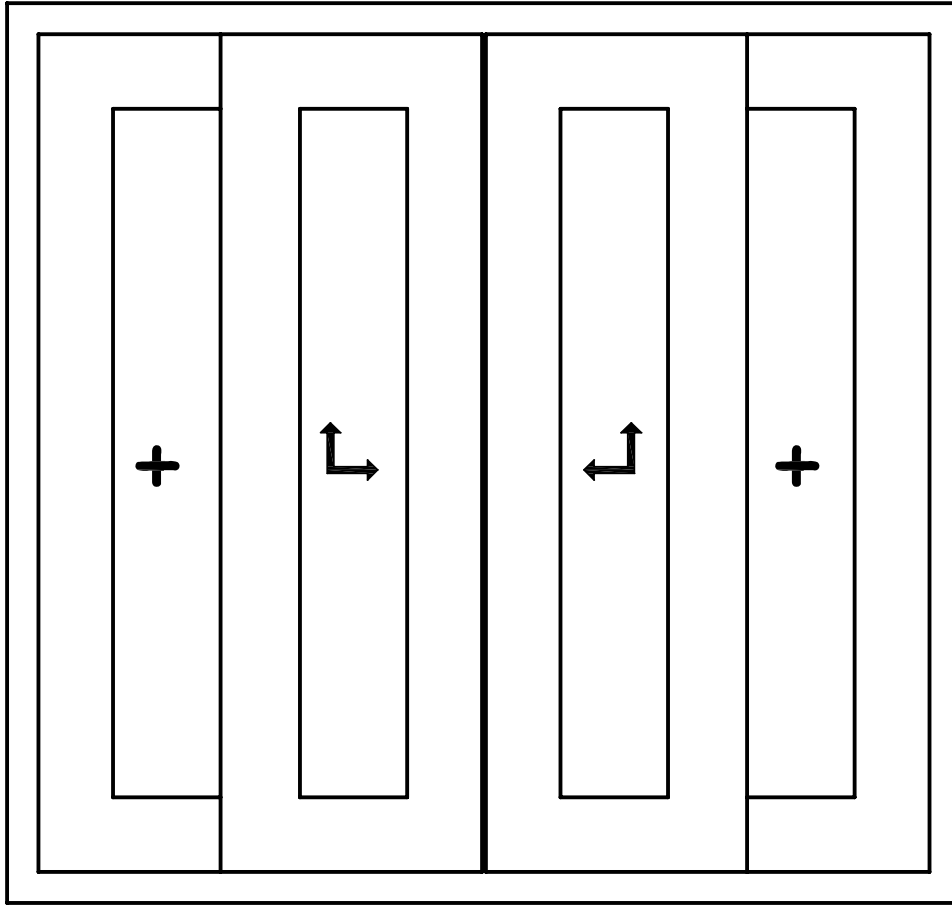
KANAT YATAY KESİM ÖLÇÜSÜ

$$w = (\text{DIŞKASA ÖLÇÜSÜ} / 2) + 5$$

KANAT DÜŞEY KESİM ÖLÇÜSÜ

$$h = \text{DIŞKASA ÖLÇÜSÜ} - 82.4\text{mm}$$

EKONOMİK HEBE-SCHIEBE SÜRME SERİ
KANAT KESİM ÖLÇÜSÜ

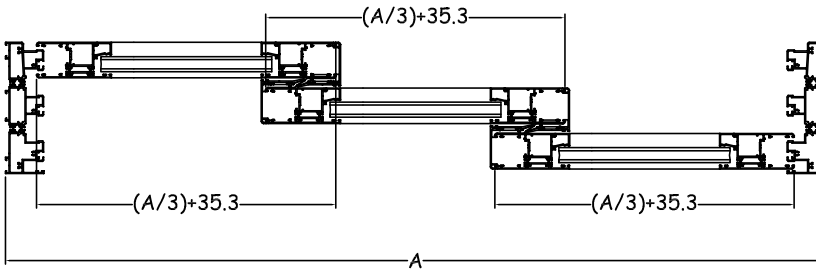
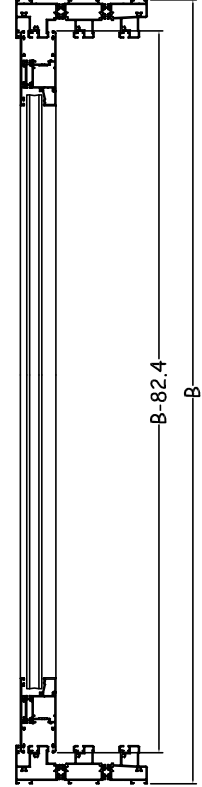
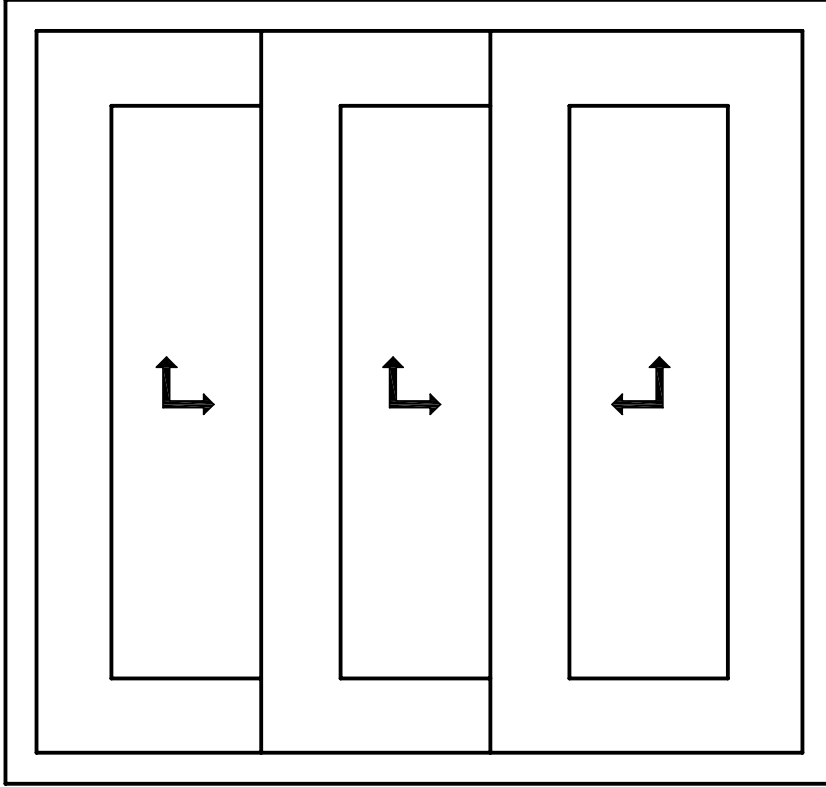


KANAT YATAY KESİM ÖLÇÜSÜ

$$w = (\text{DIŞKASA ÖLÇÜSÜ} / 2) + 5$$

KANAT DÜŞEY KESİM ÖLÇÜSÜ

$$h = \text{DIŞKASA ÖLÇÜSÜ} - 82.4\text{mm}$$



KANAT YATAY KESİM ÖLÇÜSÜ

$$w = (\text{DIŞKASA ÖLÇÜSÜ} / 3) + 35.3$$

KANAT DÜŞEY KESİM ÖLÇÜSÜ

$$h = \text{DIŞKASA ÖLÇÜSÜ} - 82.4\text{mm}$$