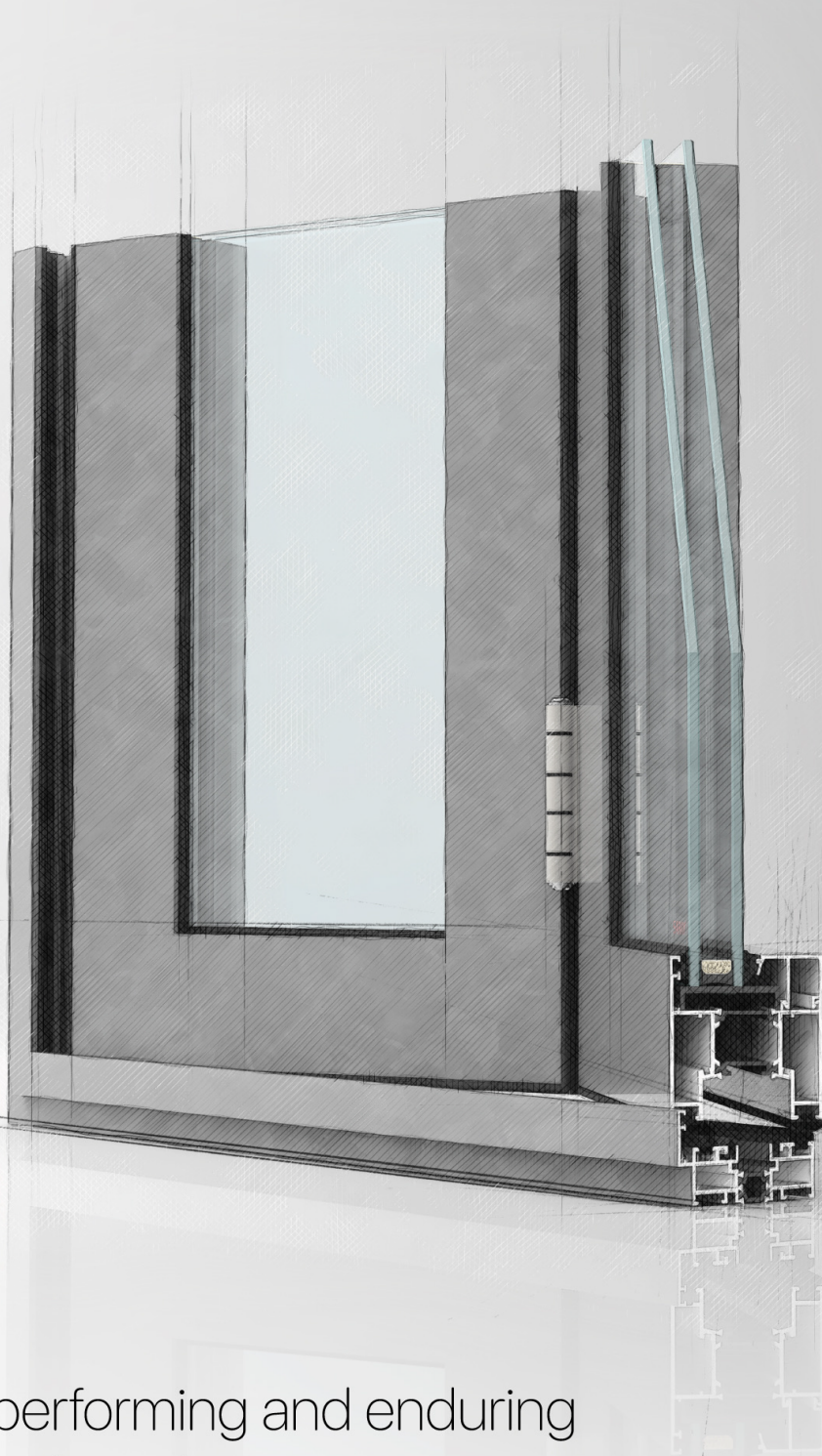


SARAY®

all about **aluminium**



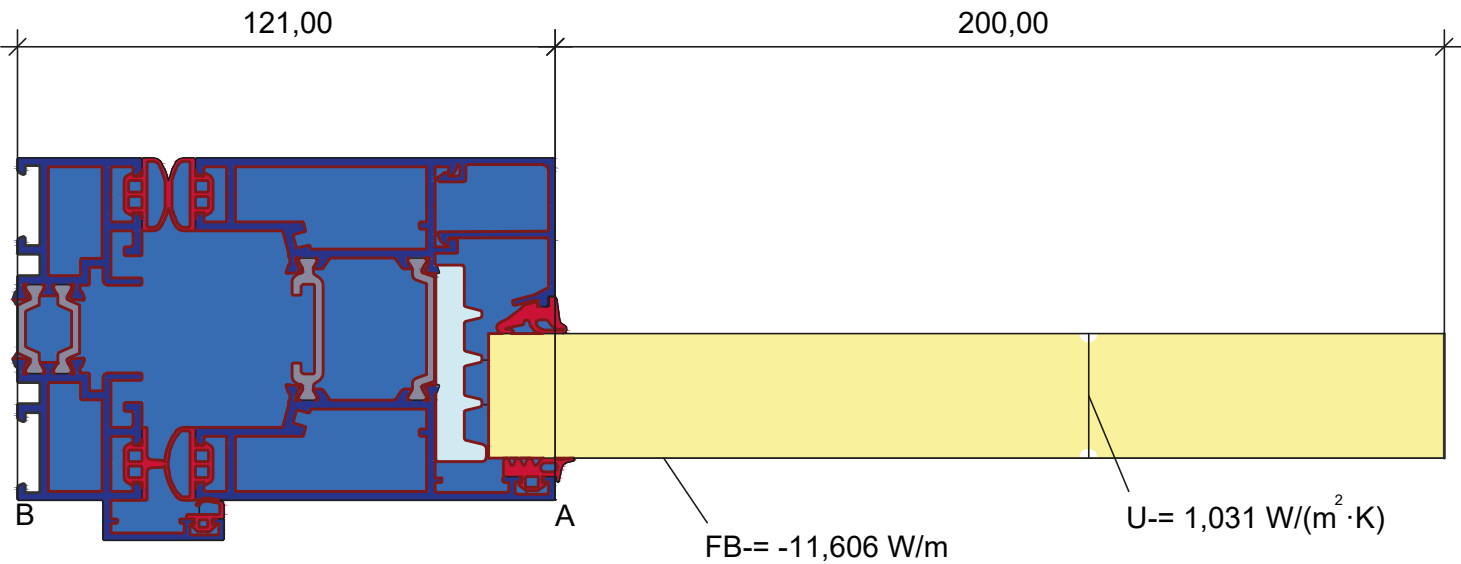
High performing and enduring
system for calm interiors

PANORAMA KATLANIR KAPI SİSTEMİ PANORAMA FOLDING DOOR SYSTEM

A	ISI HESAPLARI ve PERFORMANS THERMAL CALCULATIONS and PERFORMANCE	A-01 / A-03
B	ALUMİNYUM PROFİLLER ALUMINIUM PROFILES	B-01 / B-03
C	CAM MONTAJ TALİMATI GLAZING ASSEMBLY	C-01 / C-02
D	CONTALAR GASKETS	D-01 / D-02
E	AKSESUARLAR ACCESSORIES	E-01 / E-05
F	PLASTİK PROFİLLER PLASTIC PROFILES	F-01
G	UYGULANABİLİR AÇILIM TİPLERİ APPLICABLE OPENING TIPOLOGIES	G-01 / G-03
H	TAM ÖLÇEKLİ PROFİLLER FULL SCALE PROFILES	H-01 / H-08
J	PRENSİP SİSTEM DETAYLARI PRINCIPAL SECTIONS	J-01 / J-24
K	ÜRETİM TALİMATLARI MANUFACTURING INSTRUCTIONS	H-01 / H-25

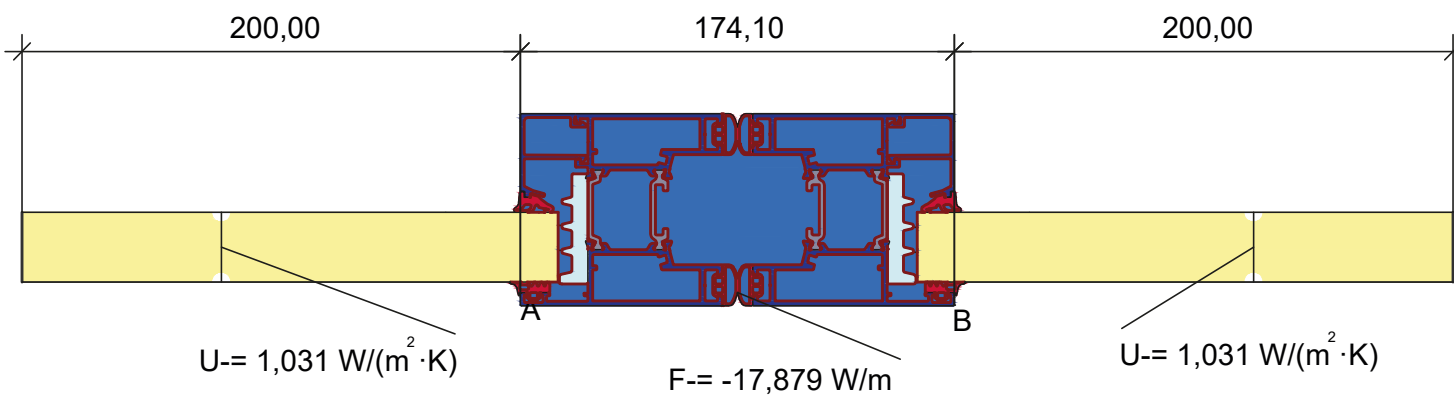
PANORAMA
KATLANIR KAPI SİSTEMİ
PANORAMA FOLDING DOOR SYSTEM

ISI HESAPLARI ve PERFORMANS
THERMAL CALCULATIONS
and PERFORMANCE



$$U_{f\ A,B} = \frac{\frac{\Phi}{DT} \cdot b_p}{b_f} = \frac{\frac{11,606}{20,000} - 1,031 \cdot 0,200}{0,121} = 3,09\ W/(m \cdot K)$$

Material	I[W/(m·K)]	ε	Boundary Condition	q[W/m²]	q[C°]	R[(m·K)²/W]	ε
Aluminium (Si Alloys)	160,000	0,900	Epsilon 0.9				0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900	Exterior, frame	0,000		0,040	
Panel	0,035	0,900	Interior, frame, normal	20,000		0,130	
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Interior, frame, reduced	20,000		0,200	
Unventilated air cavity	anisotropic		Symmetry/Model section	0,000			
pe sunger	0,038	0,900					

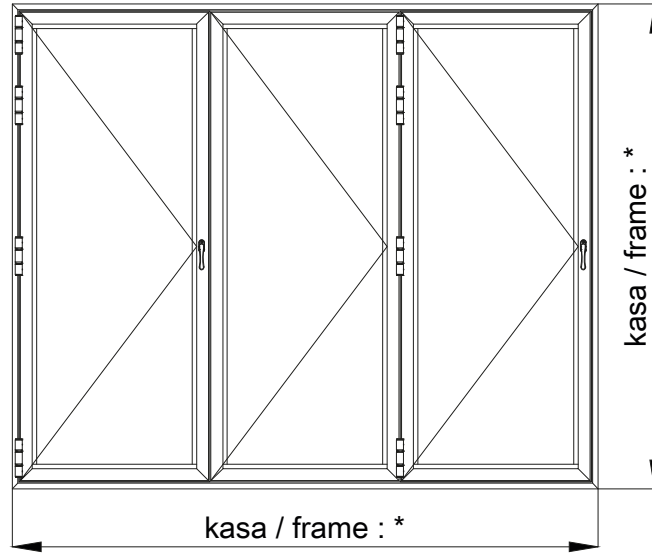


$$U_{f\ A,B} = \frac{\frac{\Phi}{DT} - U_{p1} \cdot b_{p1} - U_{p2} \cdot b_{p2}}{b_f} = \frac{\frac{17,879}{20,000} - 1,031 \cdot 0,200 - 1,031 \cdot 0,200}{0,174} = 2,77 \text{ W}/(\text{m}^2 \cdot \text{K})$$

Material	I[W/(m·K)]	ε	Boundary Condition	q[W/m ²]	q[C°]	R[(m·K) ² /W]	ε
Aluminium (Si Alloys)	160,000	0,900	Epsilon 0.9				0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900	Exterior, frame	0,000		0,040	
Panel	0,035	0,900	Interior, frame, normal		20,000	0,130	
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Interior, frame, reduced		20,000	0,200	
Unventilated air cavity	anisotropic		Symmetry/Model section	0,000			
pe sunger	0,038	0,900					

PANORAMA KATLANIR KAPI SİSTEMİ PANORAMA FOLDING DOOR SYSTEM

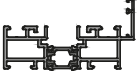
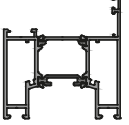
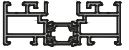
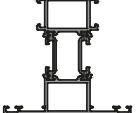
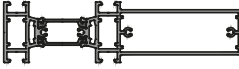
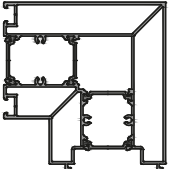
PERFORMANS TESTİ - performance test



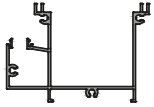
TS EN 12207 - HAVA GEÇİRGENLİĞİ TS EN 12207 - air permability	*
TS EN 12208 - SU SIZDIRMAZLIĞI TS EN 12208 - water tightness	*
TS EN 12210 - RÜZGAR YÜKÜ DAYANIMI TS EN 12210 - resistance to design wind load	*
LABORATUAR ve TEST RAPORU NUMARASI Laboratory and test report number	* *

PANORAMA
KATLANIR KAPI SİSTEMİ
PANORAMA FOLDING DOOR SYSTEM

ALUMİNYUM PROFİLLER
ALUMINIUM PROFILES

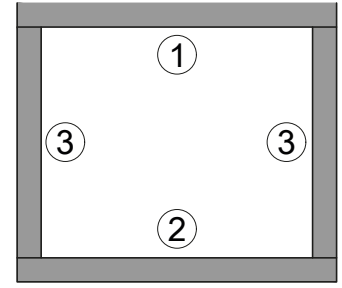
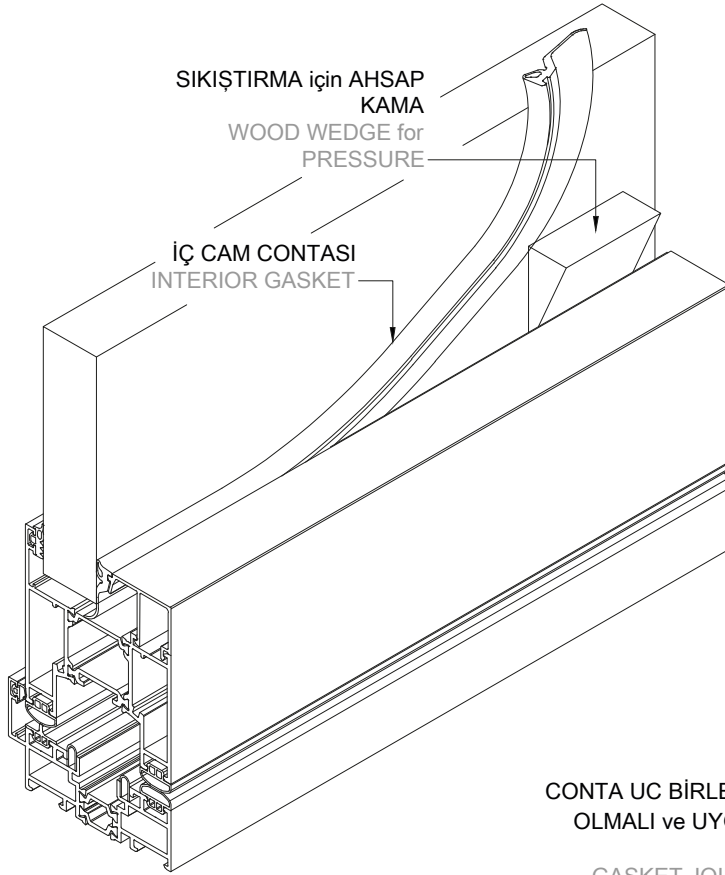
PROFİL ŞEKLİ PROFILE SECTION	PROFİL ADI PROFILE NO	KALIP KODU DIE NO	PROFİL TANIMI PROFILE DESCRIPTION	AĞIRLIK WEIGHT
	P 3000	19152 + 19153	KASA PROFİLİ frame profile	1,872kg/mt
	P 3001	19151 + 19150	KANAT PROFİLİ Sash Profile	2,260kg/mt
	P 3002	19152 + 19152	KASA PROFİLİ frame profile	1,690kg/mt
	P 3003	* + *	ORTA KAYIT PROFİLİ Mullion Profile	1,905kg/mt
	P 3004	* + *	TAKVİYELİ ORTA KAYIT PROFİLİ Mullion Profile With Reinforcement	3,120kg/mt
	P 3005	19370 + 19370	ADAPTÖR PROFİLİ adapter profile	0,700kg/mt
	P 3006	19370 + 19370	ADAPTÖR PROFİLİ adapter profile	0,740kg/mt
	P 3007	* + *	90° KÖŞE ADAPTÖR PROFİLİ 90° Corner Adapter Profile	3,960kg/mt
	P 1495	15307	6mm CAM ÇITASİ 6mm glazing bead profile	0,270kg/mt

PROFİL ŞEKLİ PROFILE SECTION	PROFİL ADI PROFILE NO	KALIP KODU DIE NO	PROFİL TANIMI PROFILE DESCRIPTION	AĞIRLIK WEIGHT
	P 1494	15306	10mm CAM ÇITASI 10mm glazing bead profile	0,325kg/mt
	P 1176	13698	14mm CAM ÇITASI 14mm glazing bead profile	0,335kg/mt
	P 1179	13671	18mm CAM ÇITASI 18mm glazing bead profile	0,350kg/mt
	P 2167	17976	22mm CAM ÇITASI 22mm glazing bead profile	0,355kg/mt
	P 1180	13670	27mm CAM ÇITASI 27mm glazing bead profile	0,380kg/mt
	P 1158	13111	31mm CAM ÇITASI 31mm glazing bead profile	0,365kg/mt
	P 1498	15310	36mm CAM ÇITASI 36mm glazing bead profile	0,415kg/mt
	P 1497	15309	40mm CAM ÇITASI 40mm glazing bead profile	0,435kg/mt
	P 3019	19311	ADAPTÖR PROFİLİ adapter profile	0,330kg/mt
	P 3018	19154	ADAPTÖR PROFİLİ adapter profile	0,250kg/mt

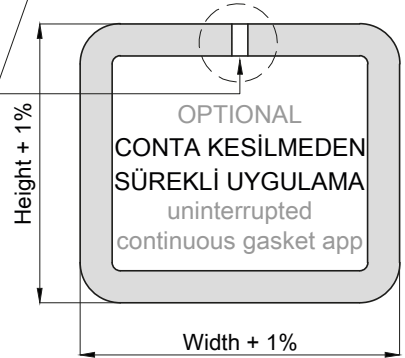
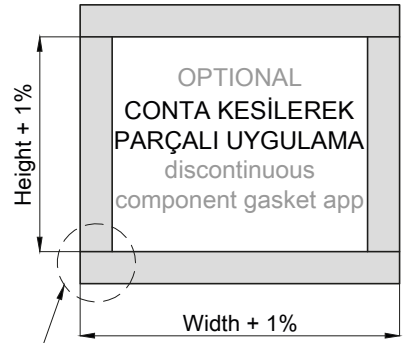
PROFİL ŞEKLİ PROFILE SECTION	PROFİL ADI PROFILE NO	KALIP KODU DIE NO	PROFİL TANIMI PROFILE DESCRIPTION	AĞIRLIK WEIGHT
	P 3020	*	ADAPTÖR PROFİLİ Adapter profile	0,595kg/mt
	P 3022	*	EŞİK PROFİLİ Threshold Profile	1,235kg/mt
	P 2328	18839	SU KANALI PROFİLİ Water channel Profile	1,530kg/mt
	P 2327	18838	ÜST IZGARA PROFİLİ Top grille profile	0,635kg/mt
	P 1163	4292-A	KÖŞE TAKOZ PROFİLİ Corner cleat profil	3,750kg/mt
	P 3023	*	KÖŞE TAKOZ PROFİLİ Corner cleat profil	4,590kg/mt

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PANORAMA FOLDING DOOR SYSTEM

CAM MONTAJ TALİMATI
GLAZING ASSEMBLY



CAM ÇITASI MONTAJ SIRALAMASI
GLAZING BEAD ASSEMBLY SEQUENC



1 CAM TAKOZU

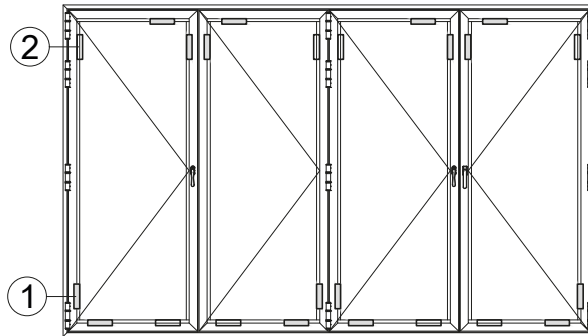
Cam takozları yerleşimi altta bulunan sematik çizimde gösterilmiştir. takozların kenara mesafeleri kanat ölçüsünün 5/1 i yada 10/1 i kadar olmalıdır.

GLASS CLEATS
The assembly of glass reinforcement pieces has been showed at the top schematically. The gap distance to the corner should be, the 5/1 or 10/1 of the sash size.

2 MESAFE AYARLAMA TAKOZU

Mesafe ayar takozları camın alüminyum çerçeve içinde doğru pozisyonda stabil olarak durmasını sağlar.

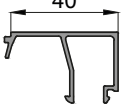
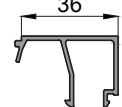
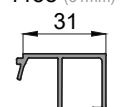
DISTANCE ADJUSTMENT PIECE
Distance adjustment pieces stabilize the glass in the frame at the true position. Put the distance adjustment piece between glass and profile without using force.

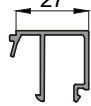
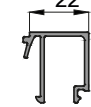
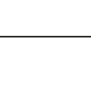


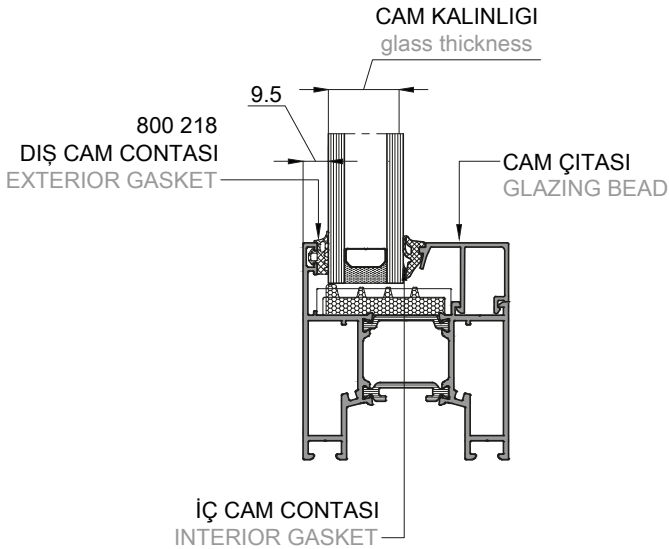
AKSESUAR ve DONANIM MONTAJINDAN ÖNCE, CAM ve TAKOZLAMA İŞLEMİ YAPILMALIDIR. THE PANE MUST BE SHIMMED IN THE SASH SO THAT THE SASH OPERATES WITHOUT ADJUSTMENT OF THE HARDWARE.

1 TAŞIYICI TAKOZ
GLASS CLEAT

2 AYAR TAKOZU
ADJUSTMENT PIECE

CAM KALINLIĞI glass thickness	ÇITA glazing bead		CAM CONTASI glazing gasket	
	profil section	kod code	perdeli conta with fin gasket	standart conta without fin gasket
16mm	P 1497 (40mm) 		 800 252 (8mm)	 800 277 (8mm)
18mm			 800 233 (6mm)	 800 271 (6mm)
20mm	P 1498 (36mm) 		 800 252 (8mm)	 800 277 (8mm)
22mm			 800 233 (6mm)	 800 271 (6mm)
24mm	P 1158 (31mm) 		 800 296 (10mm)	 800 278 (10mm)
26mm			 800 252 (8mm)	 800 277 (8mm)
28mm			 800 233 (6mm)	 800 271 (6mm)

CAM KALINLIĞI glass thickness	ÇITA glazing bead		CAM CONTASI glazing gasket	
	profil section	kod code	perdeli conta with fin gasket	standart conta without fin gasket
30mm	P 1180 (27mm) 		 800 252 (8mm)	 800 277 (8mm)
32mm			 800 233 (6mm)	 800 271 (6mm)
34mm	P 2167 (22mm) 		 800 252 (8mm)	 800 277 (8mm)
36mm			 800 233 (6mm)	 800 271 (6mm)
38mm	P 1179 (18mm) 		 800 252 (8mm)	 800 277 (8mm)
40mm			 800 233 (6mm)	 800 271 (6mm)
42mm	P 1176 (14mm) 		 800 252 (8mm)	 800 277 (8mm)
44mm			 800 233 (6mm)	 800 271 (6mm)
46mm	P 1494 (10mm) 		 800 252 (8mm)	 800 277 (8mm)
48mm			 800 233 (6mm)	 800 271 (6mm)
50mm	P 1495 (6mm) 		 800 252 (8mm)	 800 277 (8mm)
52mm			 800 233 (6mm)	 800 271 (6mm)

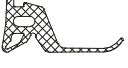
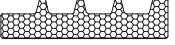


Yanda tablodaki veriler teoriktir.
Lütfen cam ve conta toleranslarını dikkate alınız.
selection tables promise a first planning.
Please keep the glass and gasket tolerances in mind.

PANORAMA
KATLANIR KAPI SİSTEMİ
PANORAMA FOLDING DOOR SYSTEM

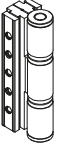
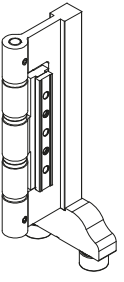
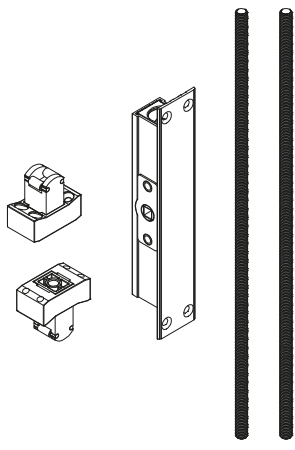
CONTALAR
GASKETS

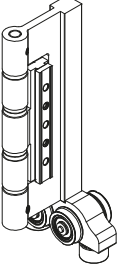
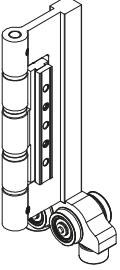
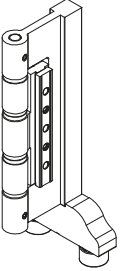
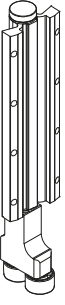
CONTA ŞEKLİ GASKET SECTION	CONTA KODU GASKET NO	MALZEME MATERIAL	CONTA TANIMI GASKET DESCRIPTION	PAKET PACKAGE
	800 101	EPDM	BiNi CONTASI overlap gasket	260mt/pk 0,057kg/mt
	800 103	EPDM	BiNi CONTASI overlap gasket	372mt/pk 0,035kg/mt
	800 104	EPDM	KANAL KAPATMA CONTASI channel closing gasket	245mt/pk 0,061kg/mt
	800 105	EPDM	BiNi CONTASI overlap gasket	210mt/pk 0,071kg/mt
	800 218	EPDM	DIŞ CAM CONTASI exterior glazing gasket	188mt/pk 0,069kg/mt
	800 271	EPDM	6mm İÇ CAM CONTASI 6mm interior glazing gasket	192mt/pk 0,078kg/mt
	800 277	EPDM	8mm İÇ CAM CONTASI 8mm interior glazing gasket	150mt/pk 0,100kg/mt
	800 278	EPDM	10mm İÇ CAM CONTASI 10mm interior glazing gasket	120mt/pk 0,125kg/mt
	800 233	EPDM	6mm PERDELİ İÇ CAM CONTASI 6mm interior glazing gasket	125mt/pk 0,120kg/mt
	800 252	EPDM	8mm PERDELİ İÇ CAM CONTASI 8mm interior glazing gasket	100mt/pk 0,150kg/mt

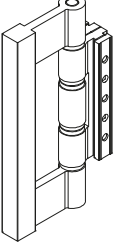
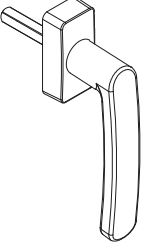
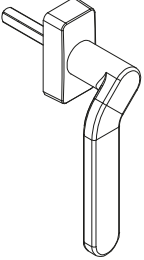
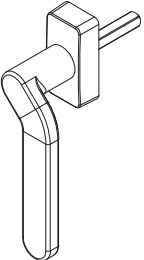
CONTA ŞEKLİ GASKET SECTION	CONTA KODU GASKET NO	MALZEME MATERIAL	CONTA TANIMI GASKET DESCRIPTION	PAKET PACKAGE
	800 296	EPDM	10mm PERDELİ İÇ CAM CONTASI 10mm interior glazing gasket	90mt/pk 0,165kg/mt
	800 111	EPDM	İZOLASYON CONTASI insulation gasket	270mt/pk 0,055kg/mt
	800 112	EPDM	BİNİ CONTASI overlap gasket	360mt/pk 0,033kg/mt
	800 113	EPDM	BİNİ CONTASI overlap gasket	290mt/pk 0,051kg/mt

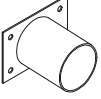
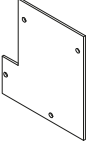
PANORAMA
KATLANIR KAPI SİSTEMİ
PANORAMA FOLDING DOOR SYSTEM

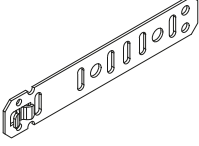
AKSESUARLAR
ACCESSORIES

AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	702 201	ARA MENTEŞE Hingle	1 adet/pieces
	702 202	SON (ALT) TAŞIYICI ARABA End carriage (100 KG)	1 adet/pieces
	702 203	SON (ÜST) KLAVUZ MENTEŞE End carriage (100 KG)	1 adet/pieces
	702 204	ÜST KLAVUZ MENTEŞE Top guide hinge	1 adet/pieces
	702 205	KİTLEME SETİ Locking set	1 adet/pieces

AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	702 206	ALT TAŞIYICI ARABA Lower carrier roller (100 kg)	1 adet/pieces
	702 207	ALT TAŞIYICI ARABA Lower carrier roller (150 kg)	1 adet/pieces
	702 208	ÜST KLAVUZ MENTEŞE Top guide hinge (150 KG)	1 adet/pieces
	702 209	SON (ALT) TAŞIYICI ARABA End carriage (150 KG)	1 adet/pieces
	702 210	SON (ÜST) KLAVUZ MENTEŞE End carriage (150 KG)	1 adet/pieces

AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	702 220	ÇEKME KOL Handle	1 adet/pieces
	702 211	130mm MINIMAL KOL 130mm handle	1 adet/pieces
	700 830	140mm DÜZ KOL(90°Stoplamalı) 140mm handle(90° stopping)	1 adet/pieces
	700 832	SOLA KIVRIK KOL To the left curled handle	1 adet/pieces
	700 833	SAĞA KIVRIK KOL To the right curled handle	1 adet/pieces

AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	702 214	SU TAHLİYE KAPAGI Water drain hole cap	100 adet/pieces
	702 215	PVC ONBAŞI Corner angle	50 adet/pieces
	700 989	SU BORUSU BAĞLANTISI Water pipe connection	20 adet/pieces
	700 988	SU KANALI PROFİLİ UC KAPAKLARI End dam for water channel profile	20 adet/pieces
	702 216	KÖŞE TAKOZU Corner cleat	20 adet/pieces
	702 217	KÖŞE TAKOZU Corner cleat	20 adet/pieces
	702 218	ORTA KAYIT T BİRLEŞİM ÖN ve ARKA PARÇASI T connecting bracket for mullion	20 adet/pieces
	702 219	ADAPTÖR ALT ve ÜST KAPAGI Pvc cap adapter	50 çift/pair
	702 212	İNOX RAY Stainless steel rail	30mt (3mt X 10pcs)
	702 213	CAM TAKOZU Glass support	20 adet/pieces

AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	700 773	2mm GALVANİZLİ ANKRAJ 2mm galvanize strap anchor	20 adet/pieces
	702 291	EŞİK PROFİL BAĞLANTI PARÇASI L connecting bracket for Threshold	20 adet/pieces

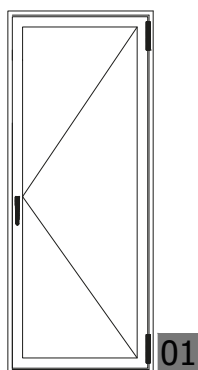
PANORAMA
KATLANIR KAPI SİSTEMİ
PANORAMA FOLDING DOOR SYSTEM

PLASTİK PROFİLLER
PVC PROFILES

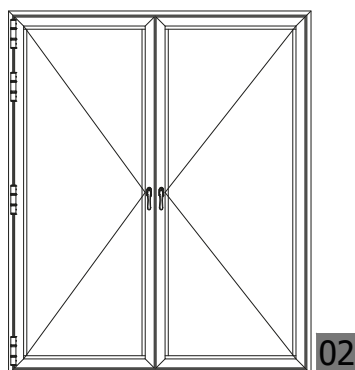
PROFİL ŞEKLİ PROFILE SECTION	PROFİL KODU PROFILE NO	MALZEME MATERIAL	PROFİL TANIMI PROFILE DESCRIPTION	PAKET PACKAGE
 0,070kg/mt	600 429	POLYAMİD	POLYAMİD TİJ PROFİLİ polyamide rod profile	6mt 25ad/pk

PANORAMA
KATLANIR KAPI SİSTEMİ
PANORAMA FOLDING DOOR SYSTEM

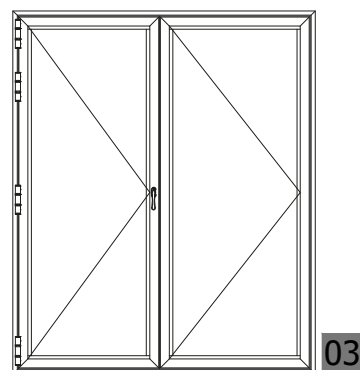
UYGULANABİLİR AÇILIM TİPLERİ
APPLICABLE OPENING TIPOLOGIES



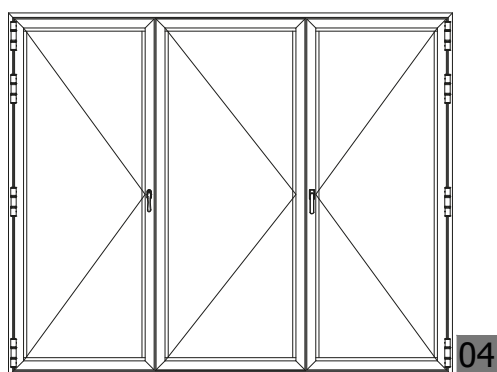
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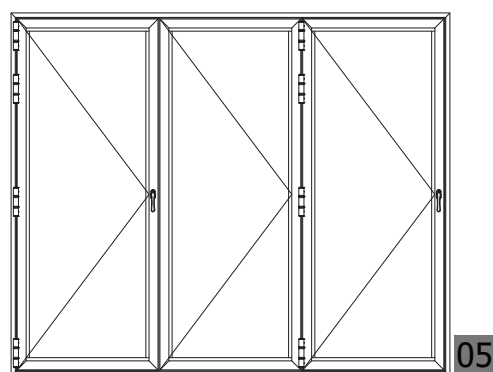
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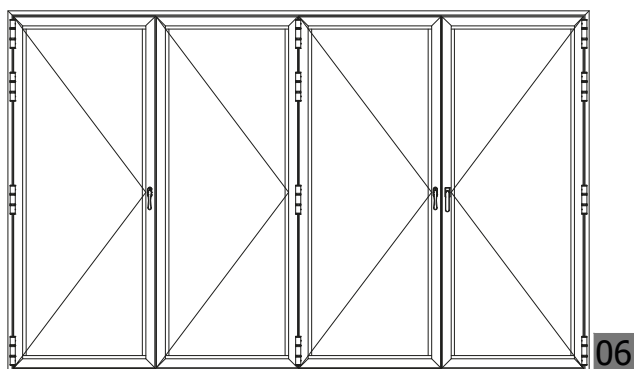
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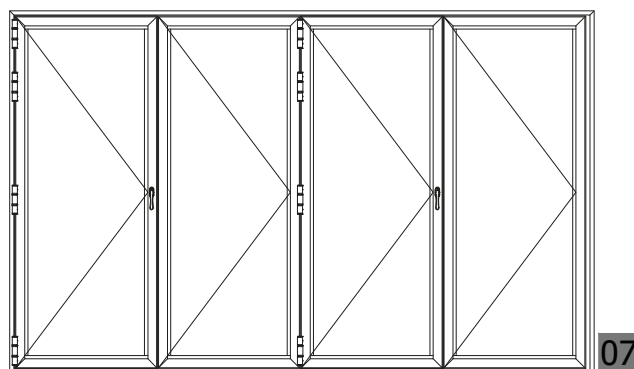
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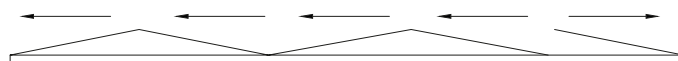
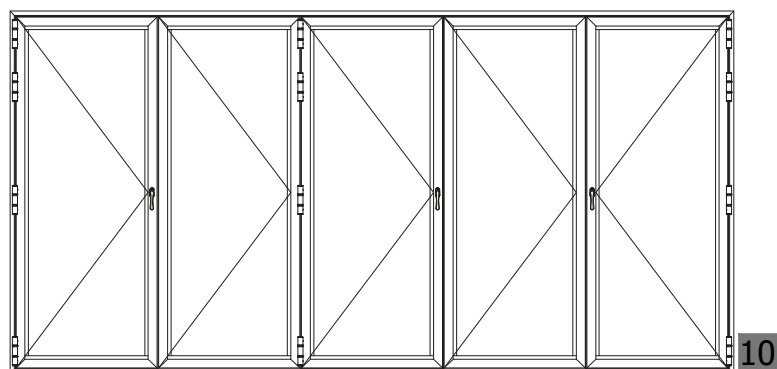
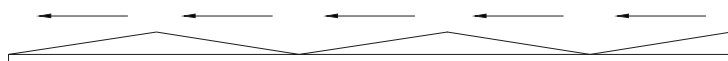
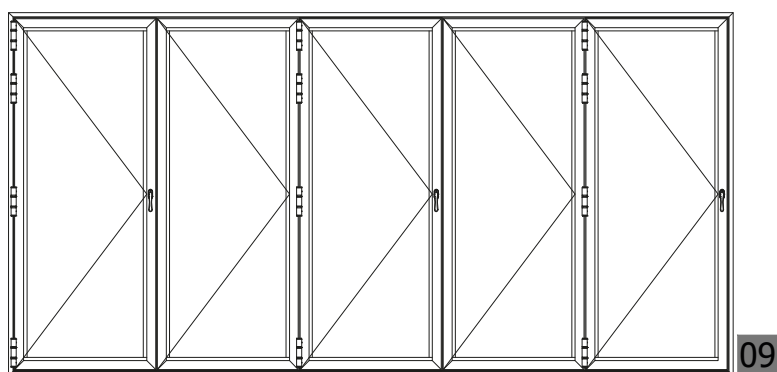
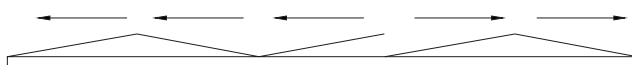
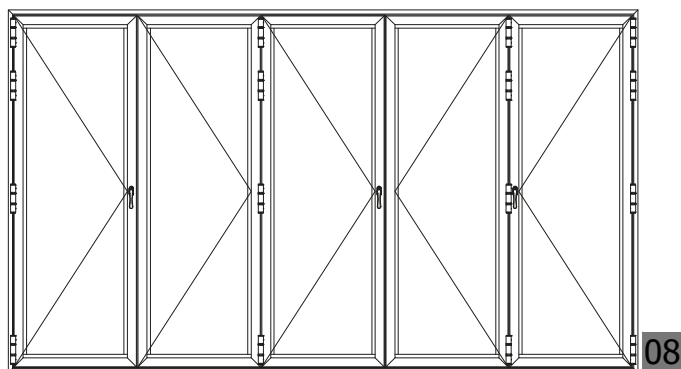
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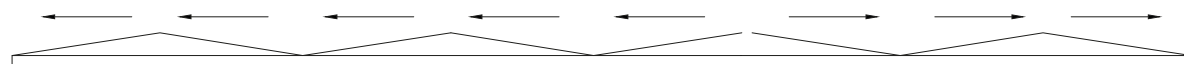
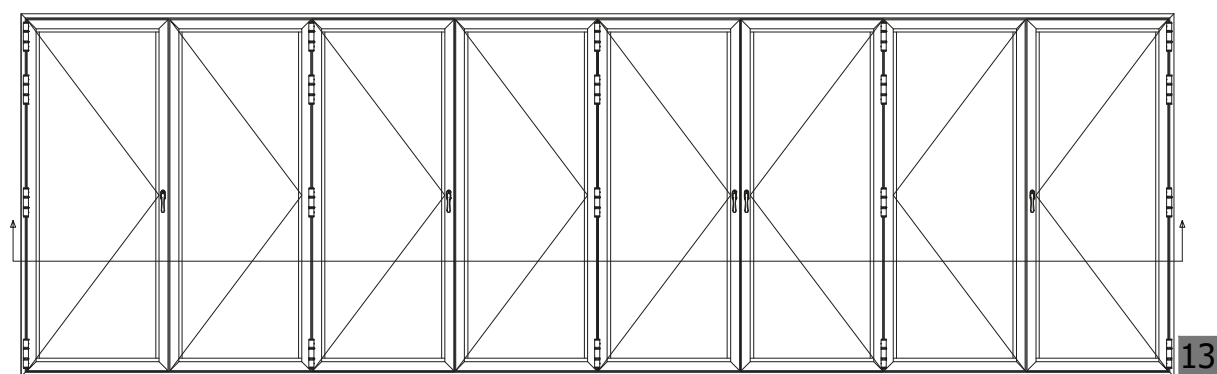
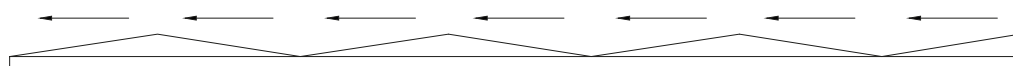
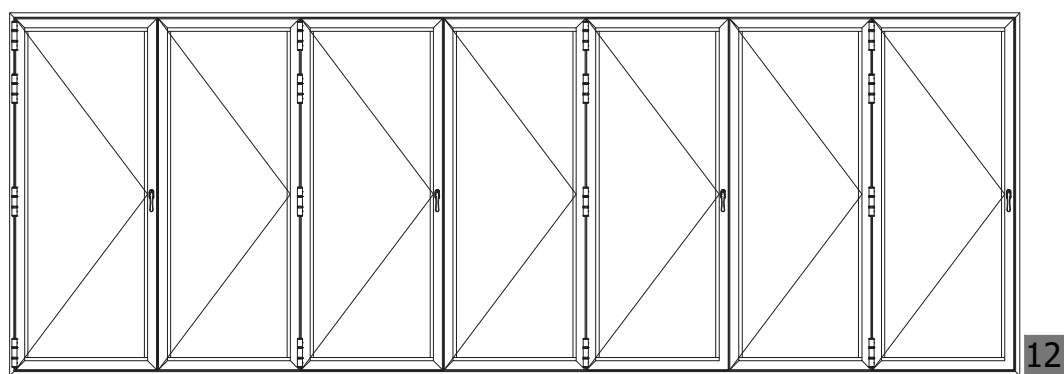
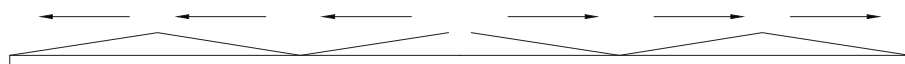
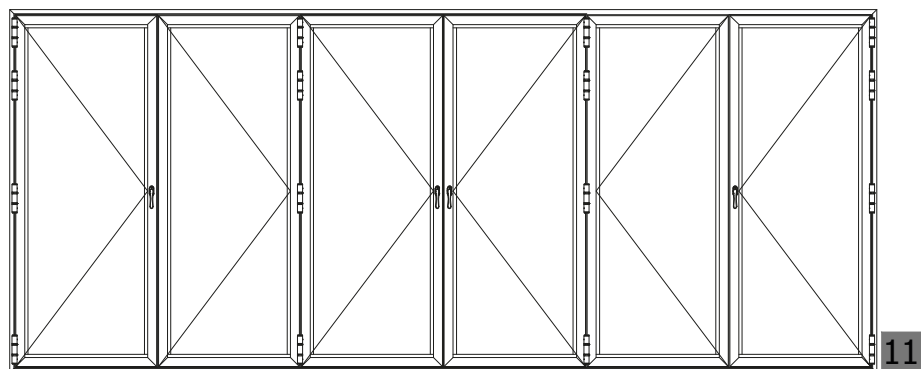


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07



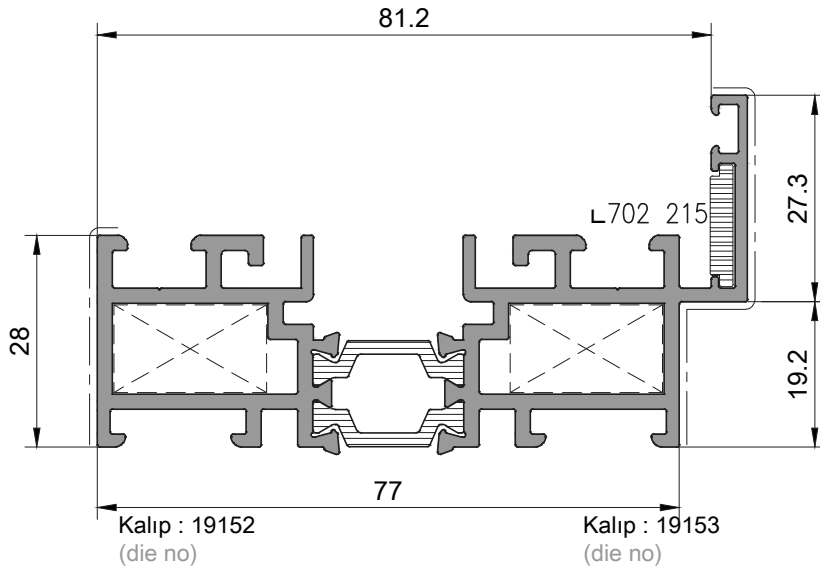


PANORAMA
KATLANIR KAPI SİSTEMİ
PANORAMA FOLDING DOOR SYSTEM

TAM ÖLÇEKLİ ALUMİNYUM PROFİLLER
FULL SCALE ALUMINIUM PROFILES

P 3000

Kasa Profili / 1,872 kg/mt
Frame Profile

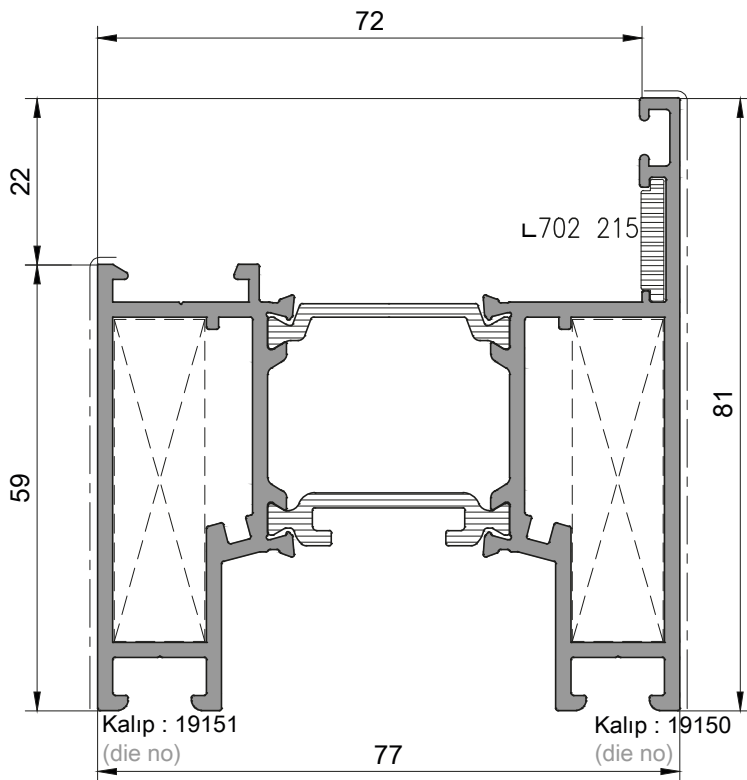


I_x 
41.04 cm⁴

I_y 
5.90 cm⁴

P 3001

Kanat Profili / 2,260 kg/mt
Sash Profile

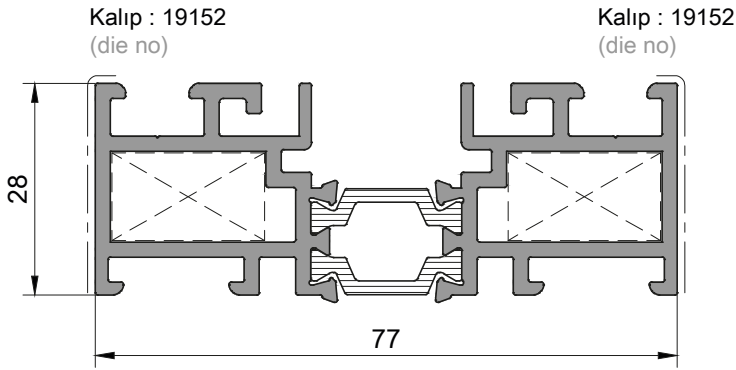


I_x 
51.70 cm⁴

I_y 
29.17 cm⁴

P 3002

Kasa Profili / 1,690 kg/mt
Frame Profile

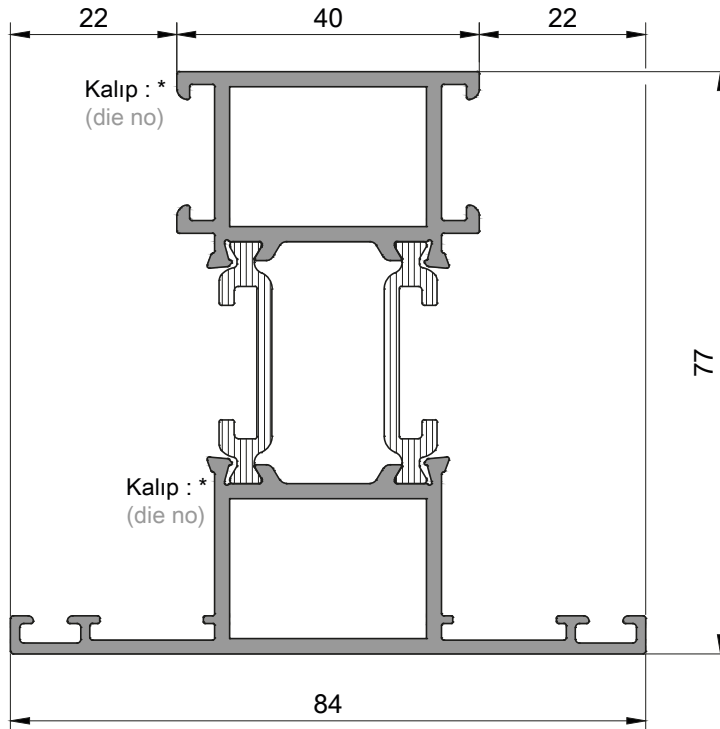


I_x 
30.08 cm⁴

I_y 
4.17 cm⁴

P 3003

Orta Kayıt Profili / 1,905kg/mt
Mullion Profile



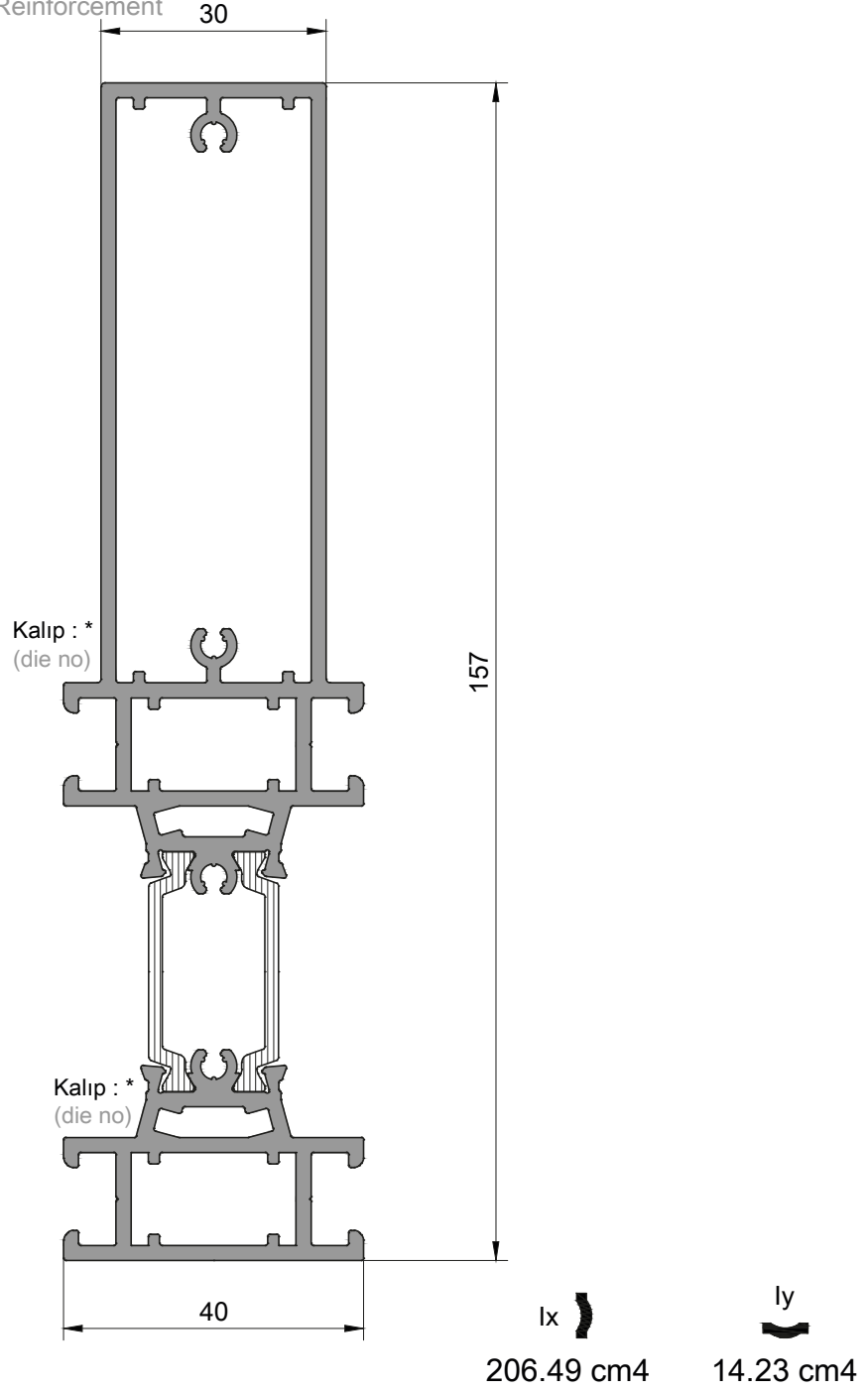
I_x 
43.72 cm⁴

I_y 
17.93 cm⁴

P 3004

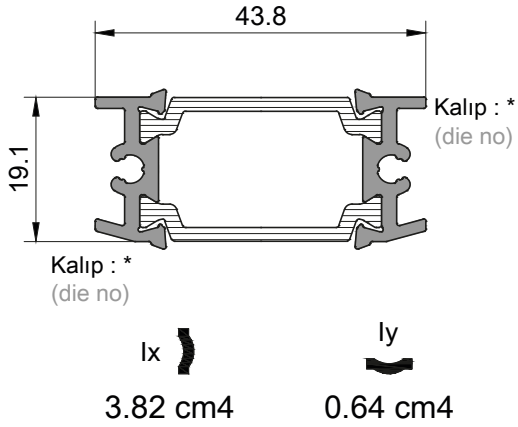
Takviyeli Orta Kayıt Profili / 3,120kg/mt

Mullion Profile With Reinforcement



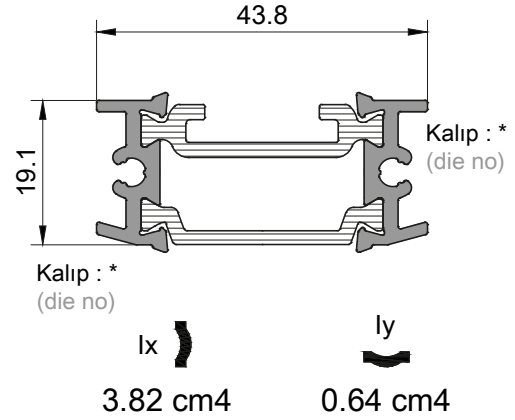
P 3005

Adaptör Profili / 0,700 kg/mt
Adapter Profile



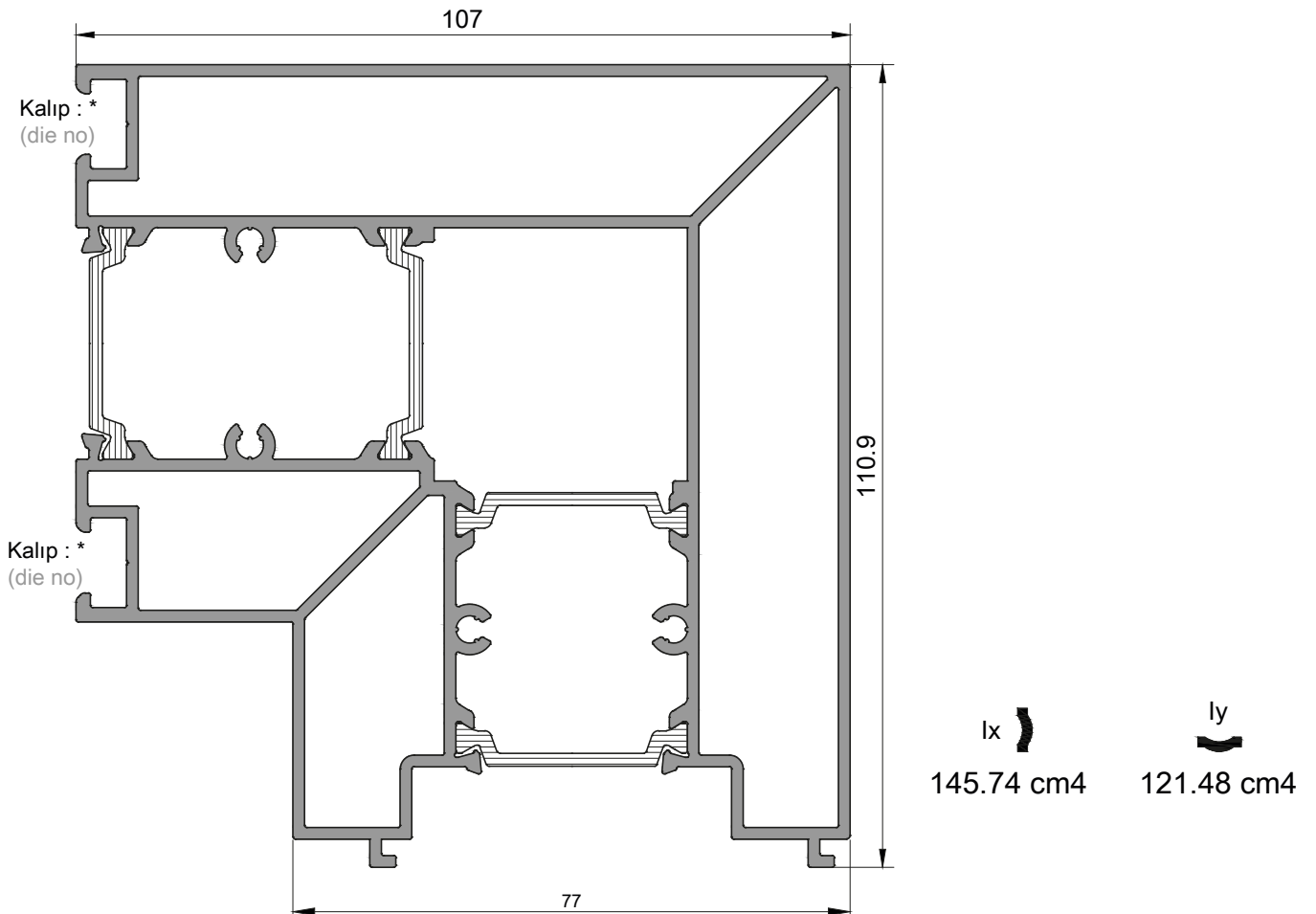
P 3006

Adaptör Profili / 0,740 kg/mt
Adapter Profile



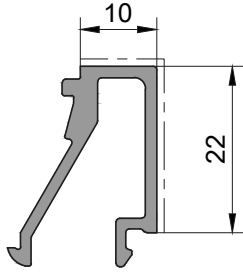
P 3007

90° Köşe Adaptör Profili / 3,960 kg/mt
90° Corner Adapter Profile



P 1494

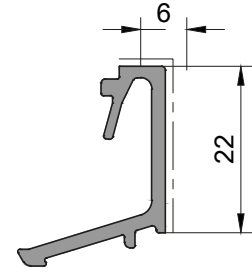
Çita Profili / 0,325kg/mt
Glazing Bead Profile



Kalip : 15306
(die no)

P 1495

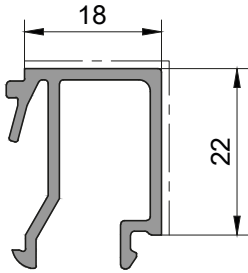
Çita Profili / 0,270kg/mt
Glazing Bead Profile



Kalip : 15307
(die no)

P 1179

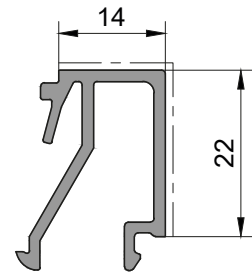
Çita Profili / 0,350kg/mt
Glazing Bead Profile



Kalip No : 13671
(die no)

P 1176

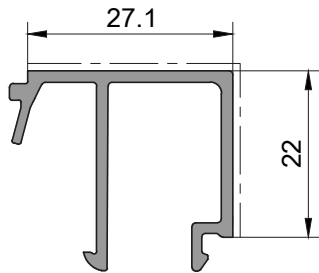
Çita Profili / 0,335kg/mt
Glazing Bead Profile



Kalip No : 13698
(die no)

P 1180

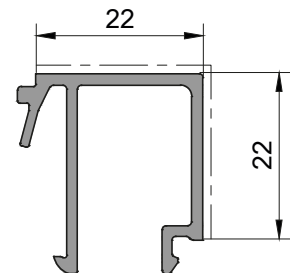
Çita Profili / 0,380kg/mt
Glazing Bead Profile



Kalip No : 13670
(die no)

P 2167

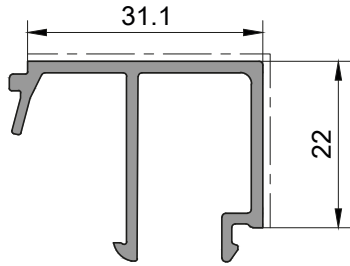
Çita Profili / 0,355kg/mt
Glazing Bead Profile



Kalip No : 17976
(die no)

P 1158

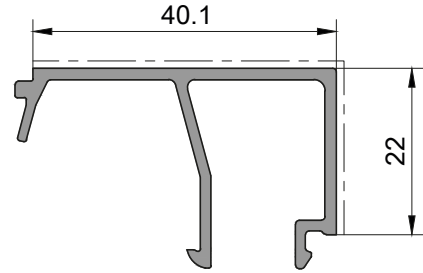
Çıta Profili / 0,365kg/mt
Glazing Bead Profile



Kalip No : 13111
(die no)

P 1497

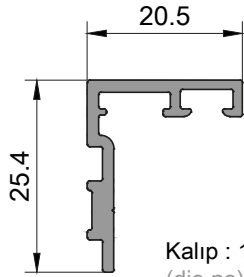
Çıta Profili / 0,435kg/mt
Glazing Bead Profile



Kalip : 15309
(die no)

P 3018

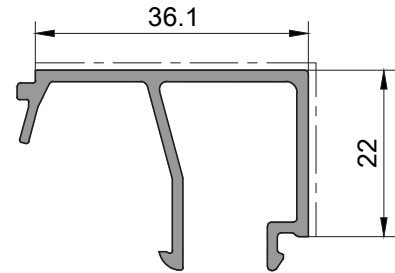
Adaptör profili / 0,250 kg/mt
Adapter Profile



Kalip : 19154
(die no)

P 1498

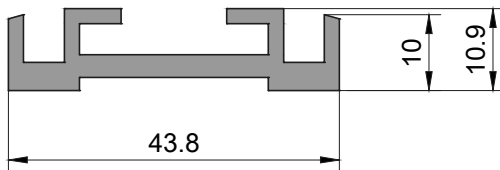
Çıta Profili / 0,415kg/mt
Glazing Bead Profile



Kalip : 15310
(die no)

P 3020

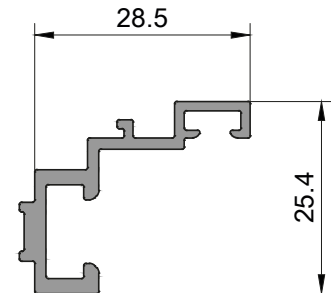
Adapter profili / 0,595 kg/mt
Adapter Profile



Kalip : *
(die no)

P 3019

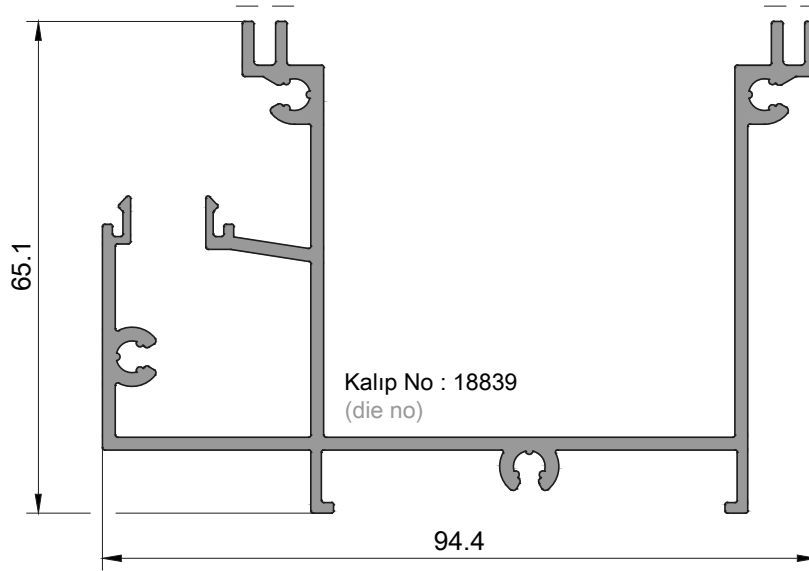
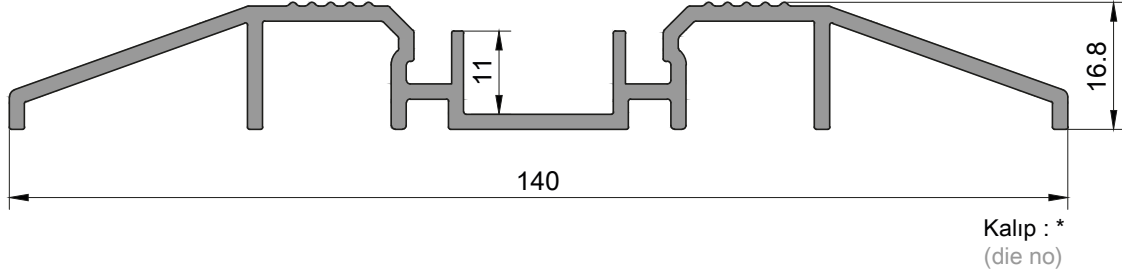
Adaptör profili / 0,330 kg/mt
Adapter Profile



Kalip : 19311
(die no)

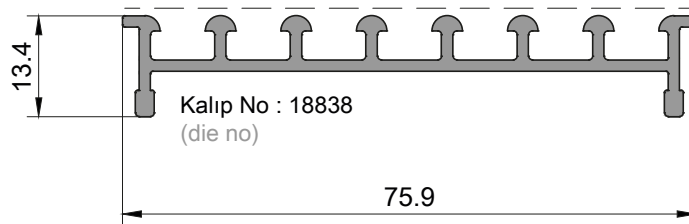
P 3022

Eşik profili / 1,235 kg/mt
Threshold Profile



P 2328

Su Kanalı Profili
Water channel Profile
1,530kg/mt

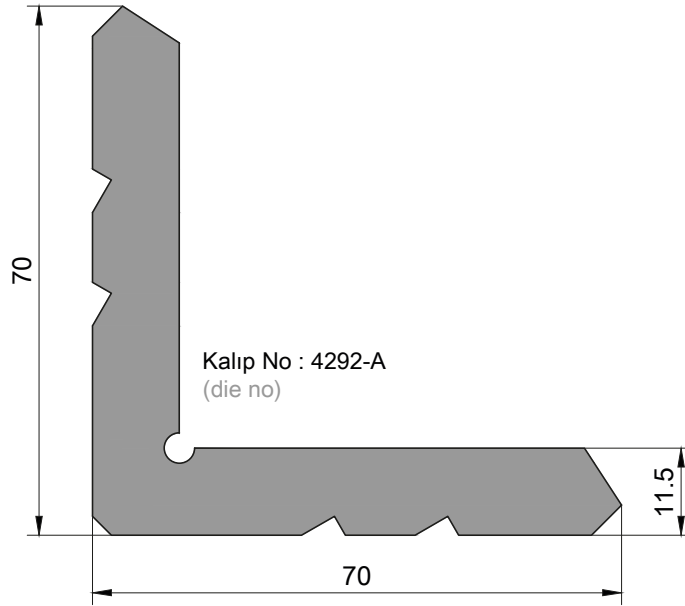


P 2327

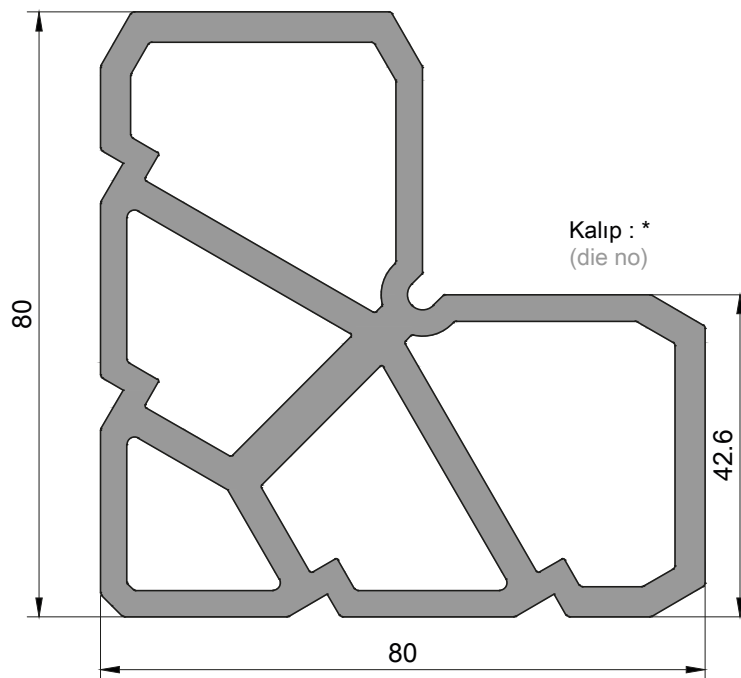
Üst Izgara Profili
top grille profile
0,635kg/mt

P 1163

Köşe Takoz Profili / 3,750kg/mt
Corner Cleat Profile

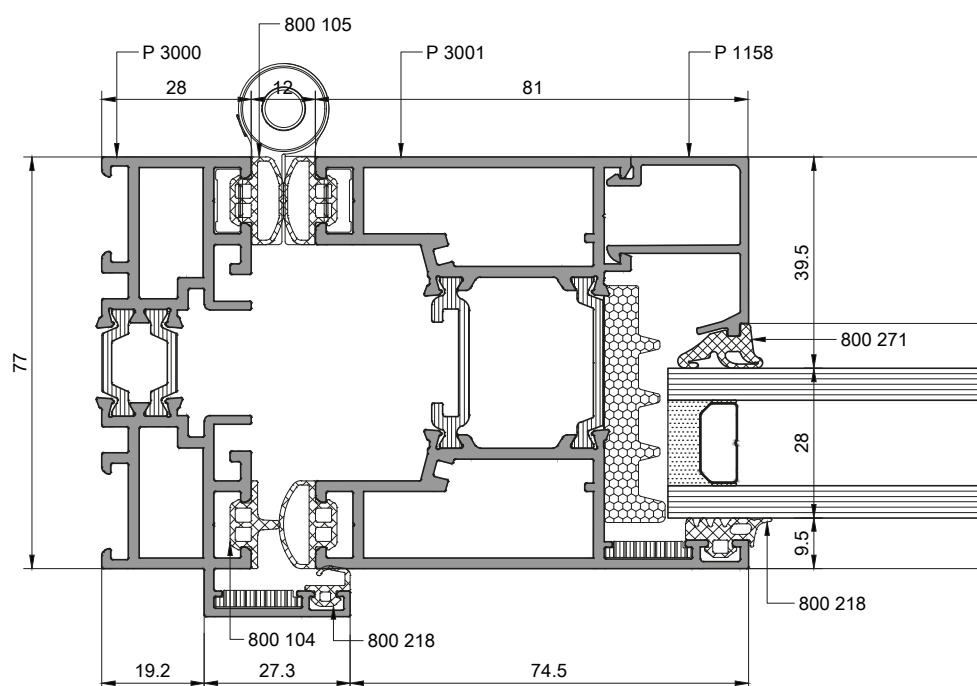
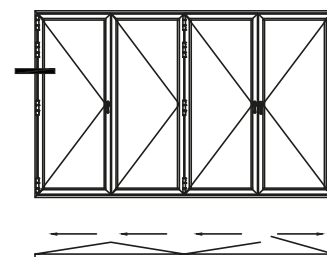
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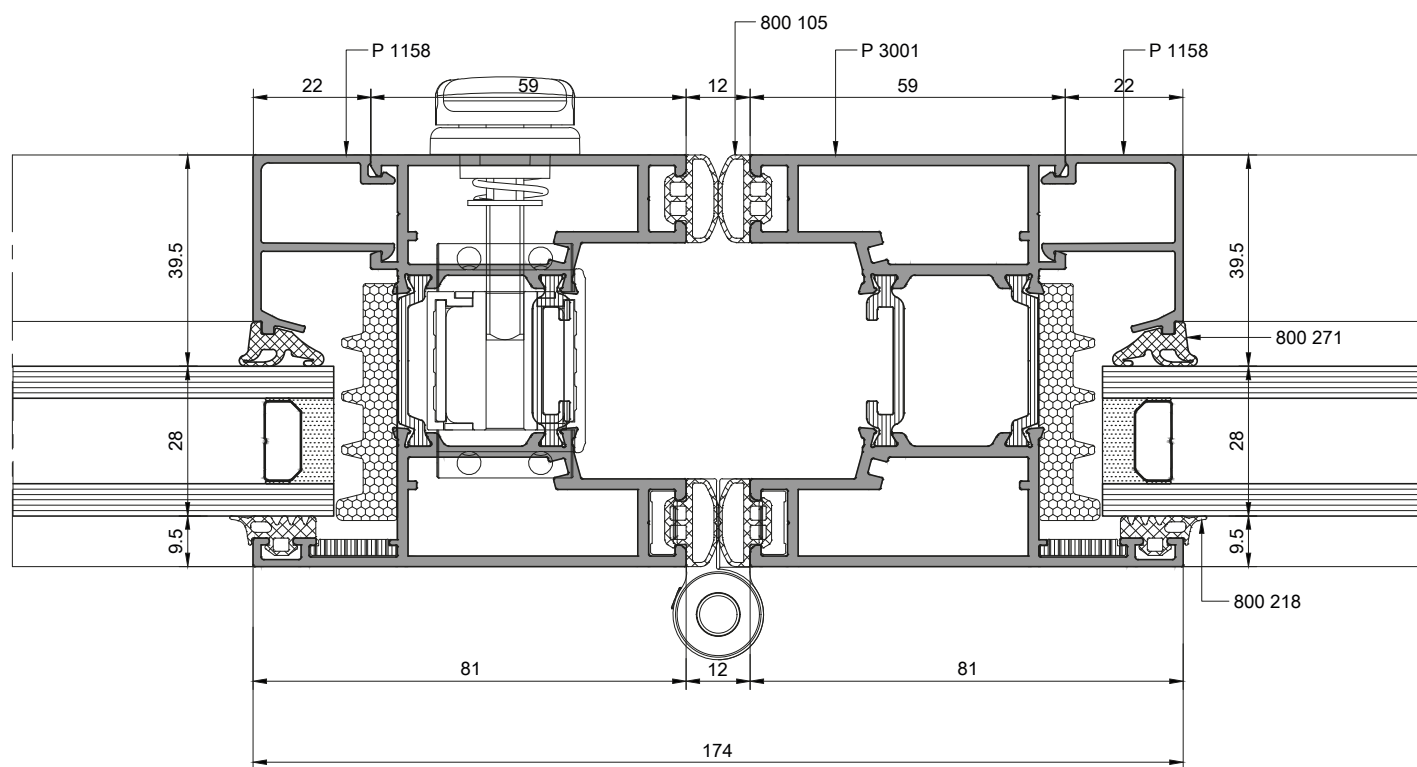
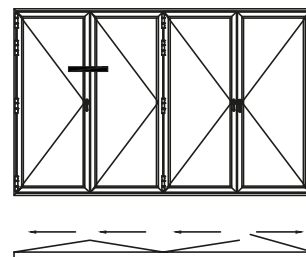
Köşe Takoz profili / 4,590kg/mt
Corner Cleat Profile

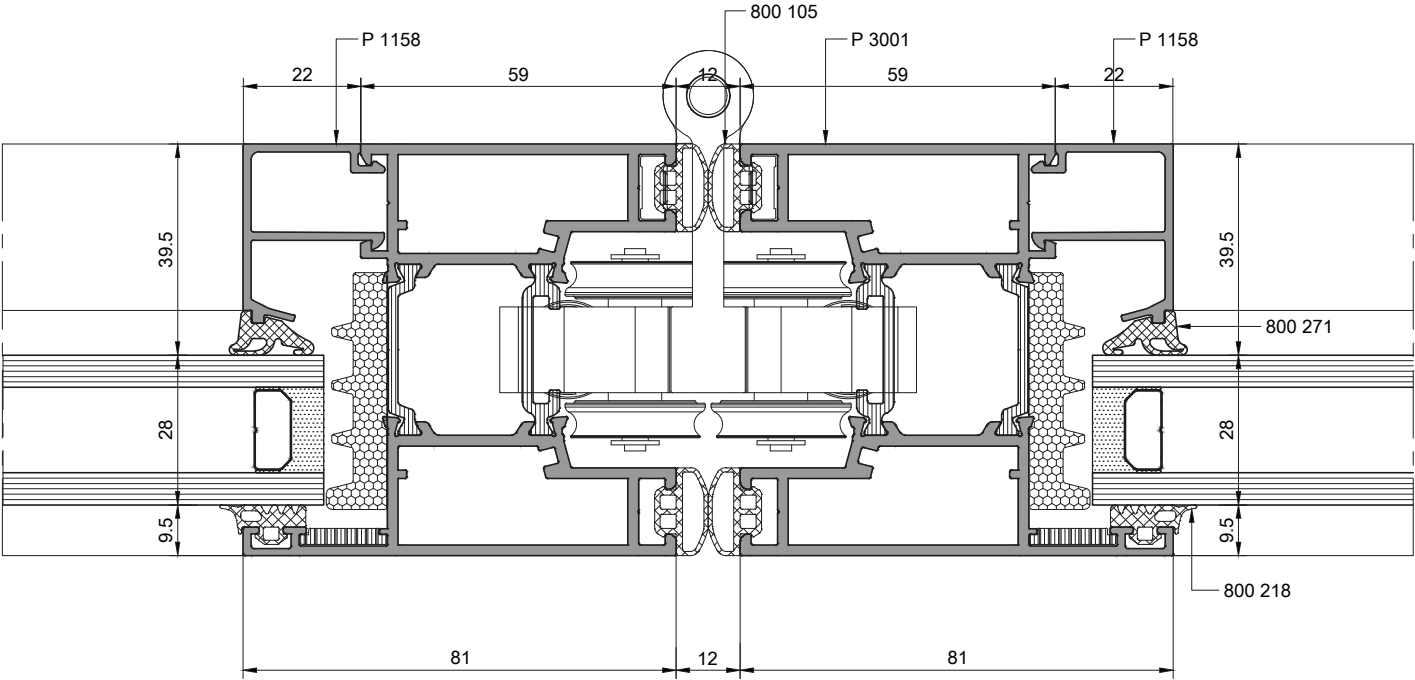
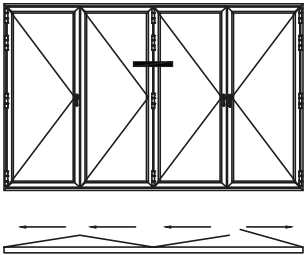


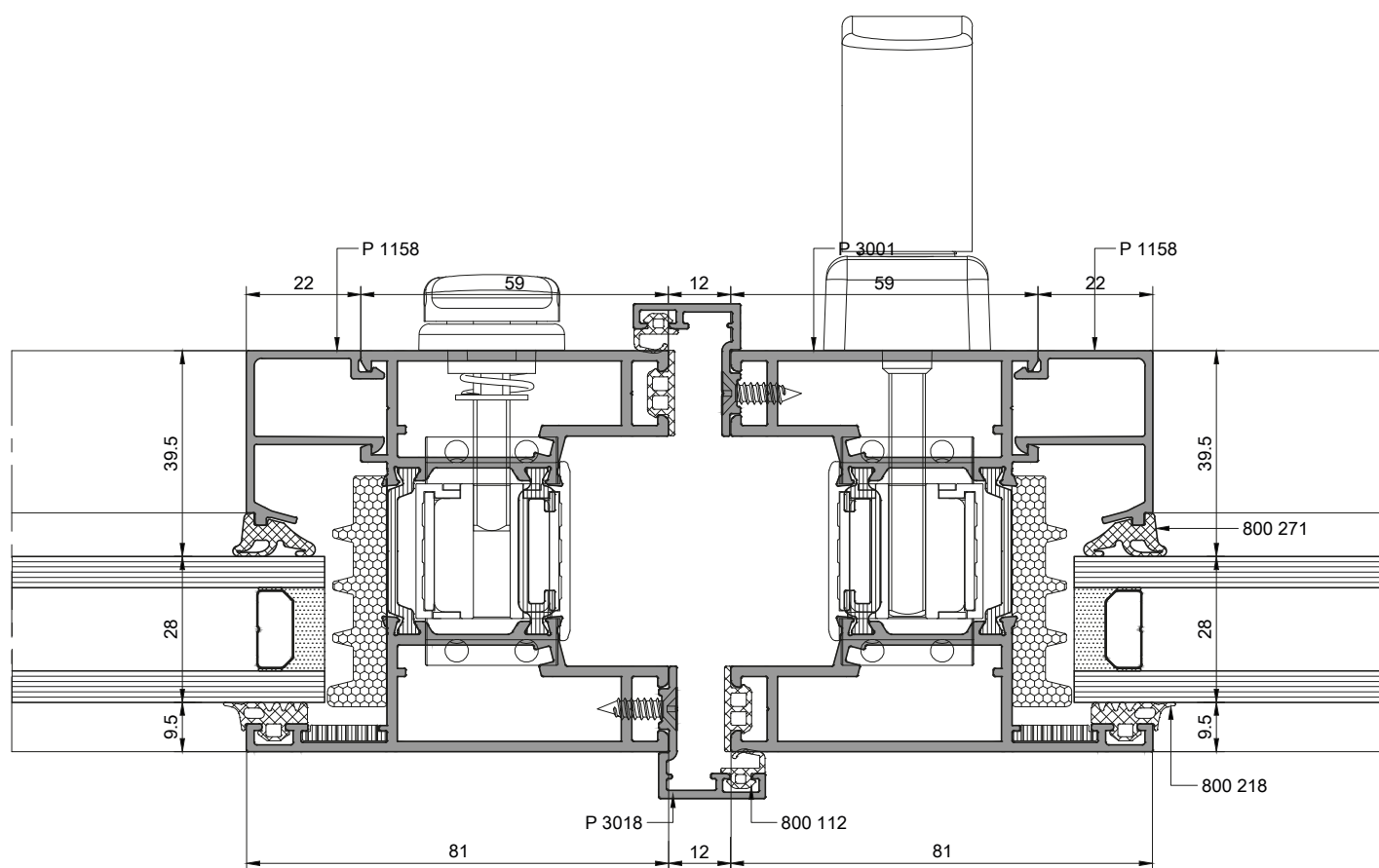
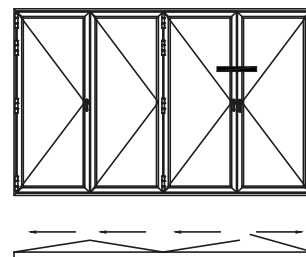
PANORAMA
KATLANIR KAPI SİSTEMİ
PANORAMA FOLDING DOOR SYSTEM

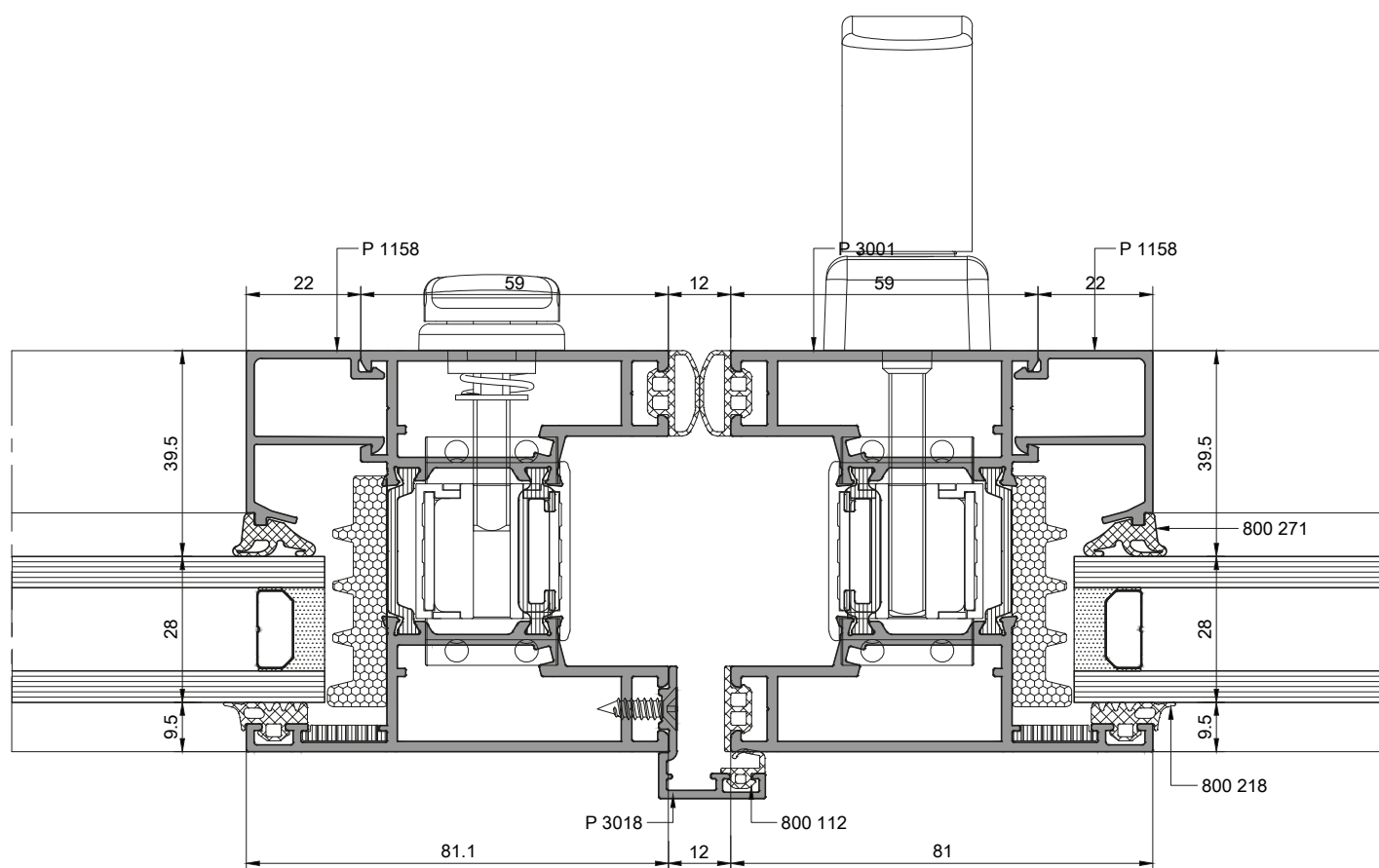
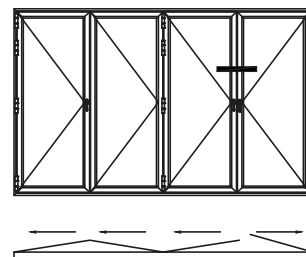
SİSTEM DETAYLARI
SYSTEM DETAILS

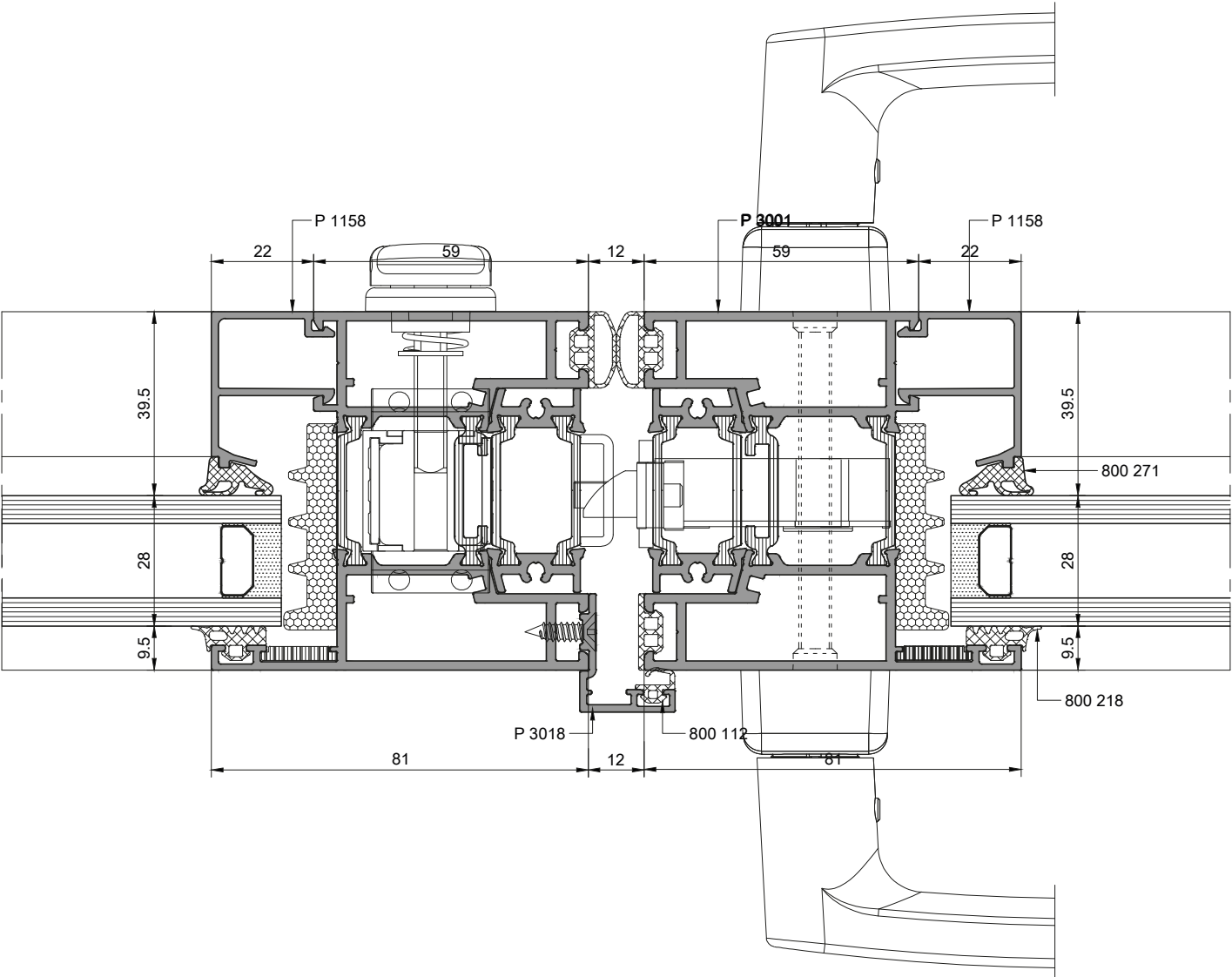
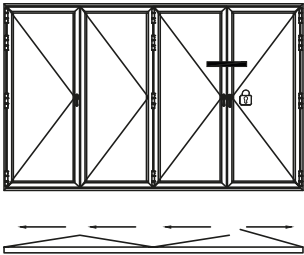


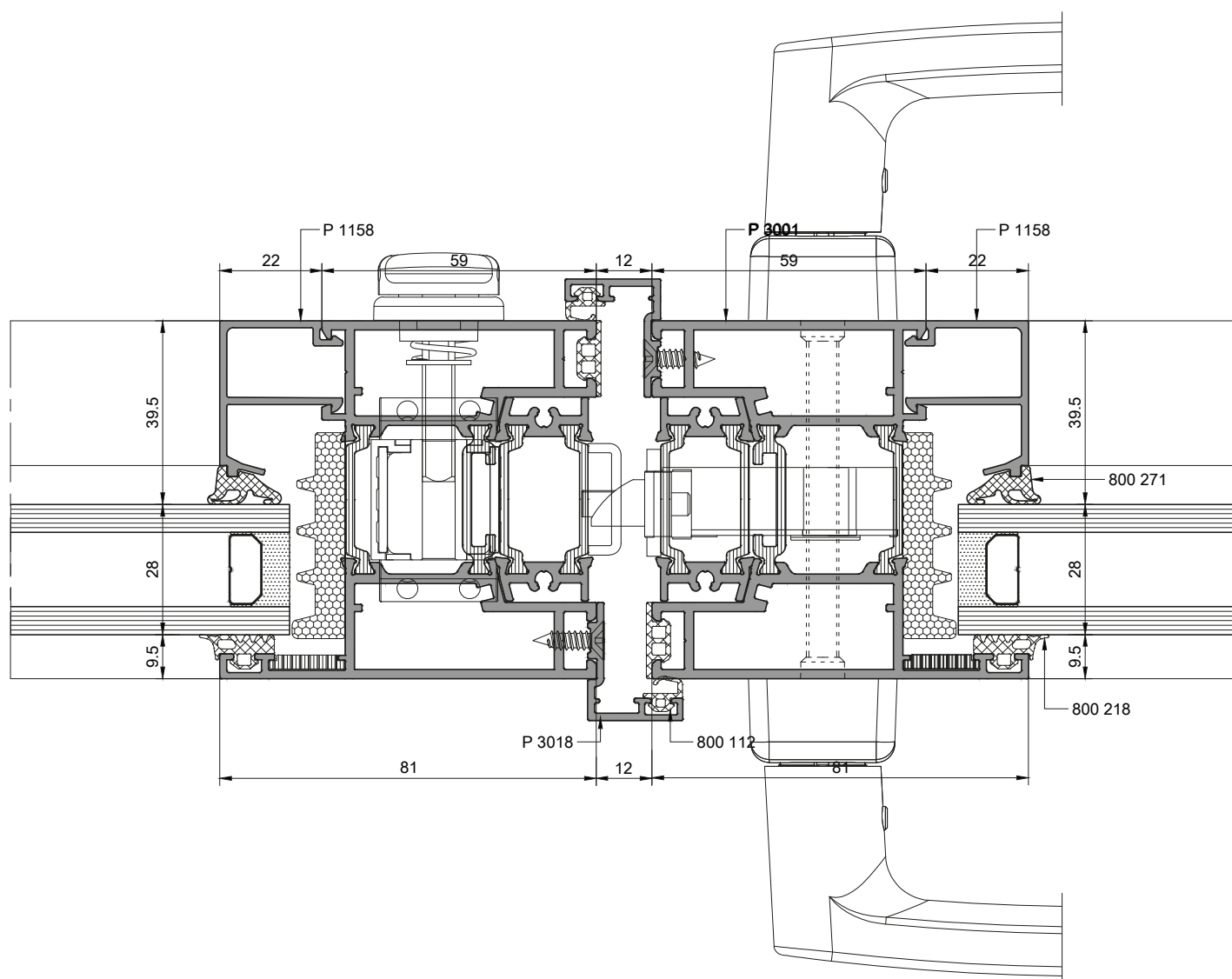
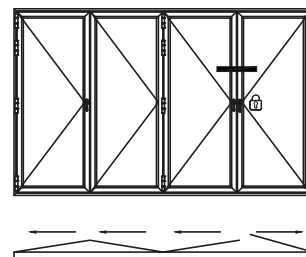


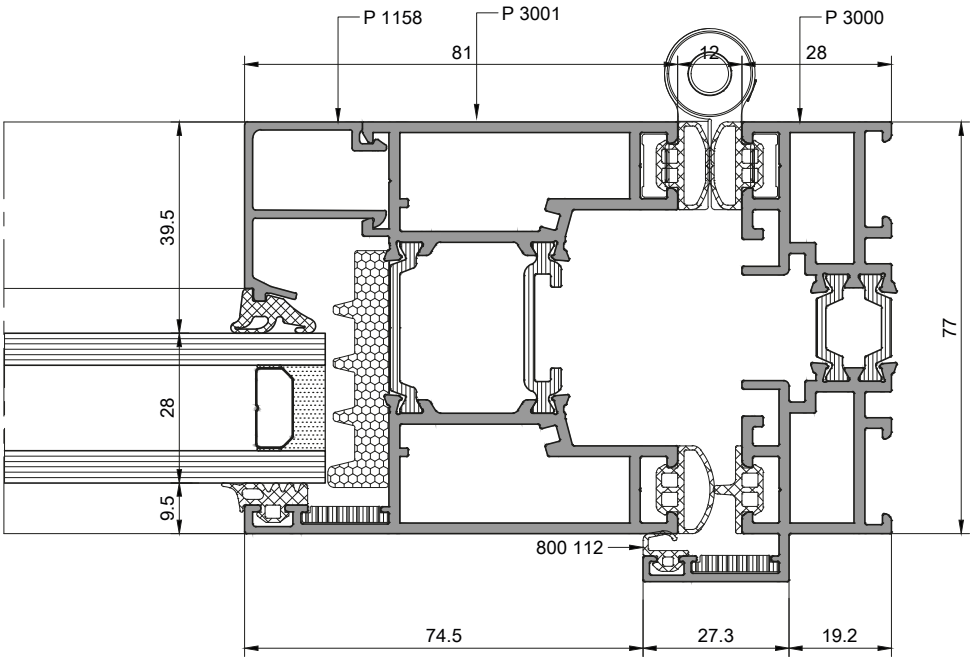
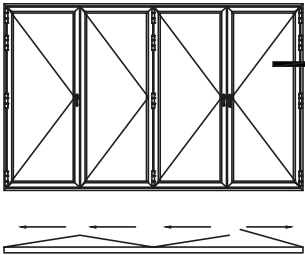


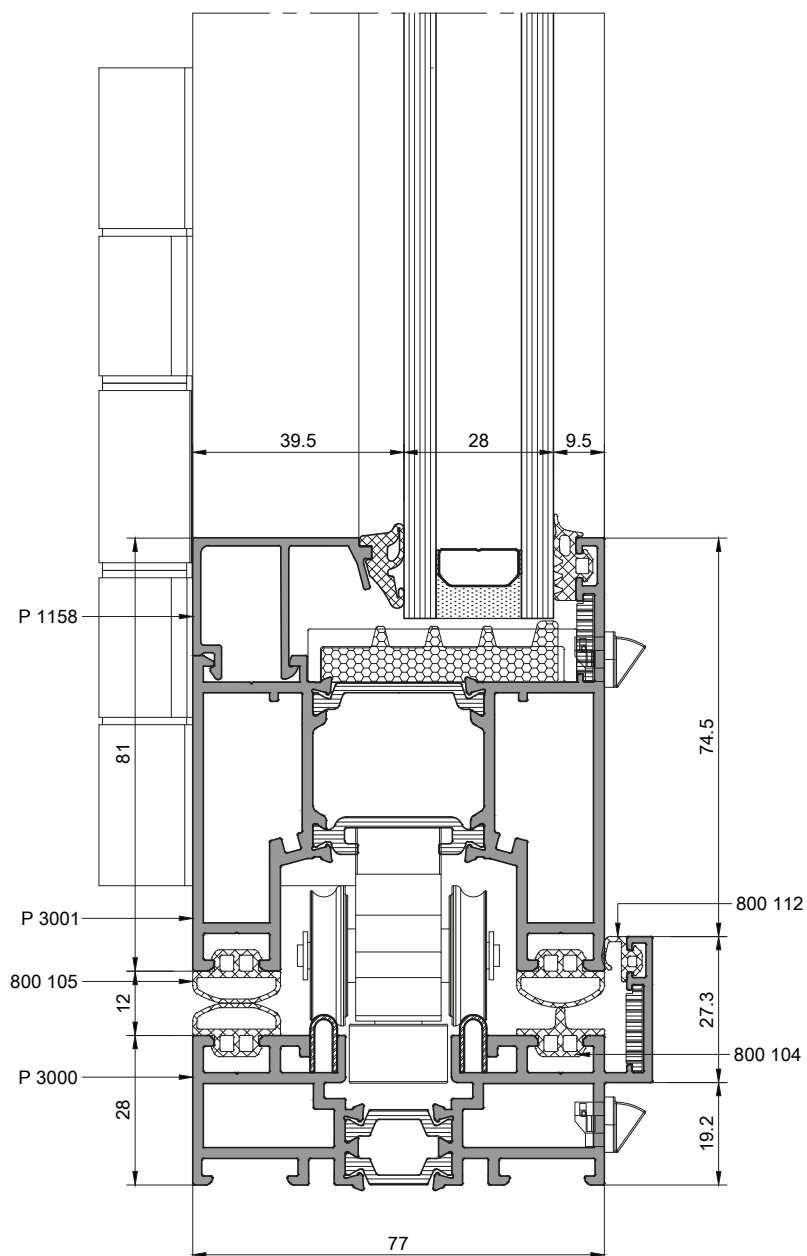
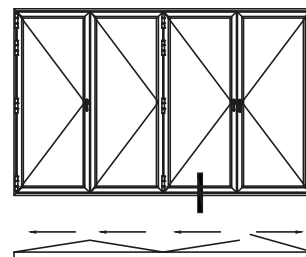


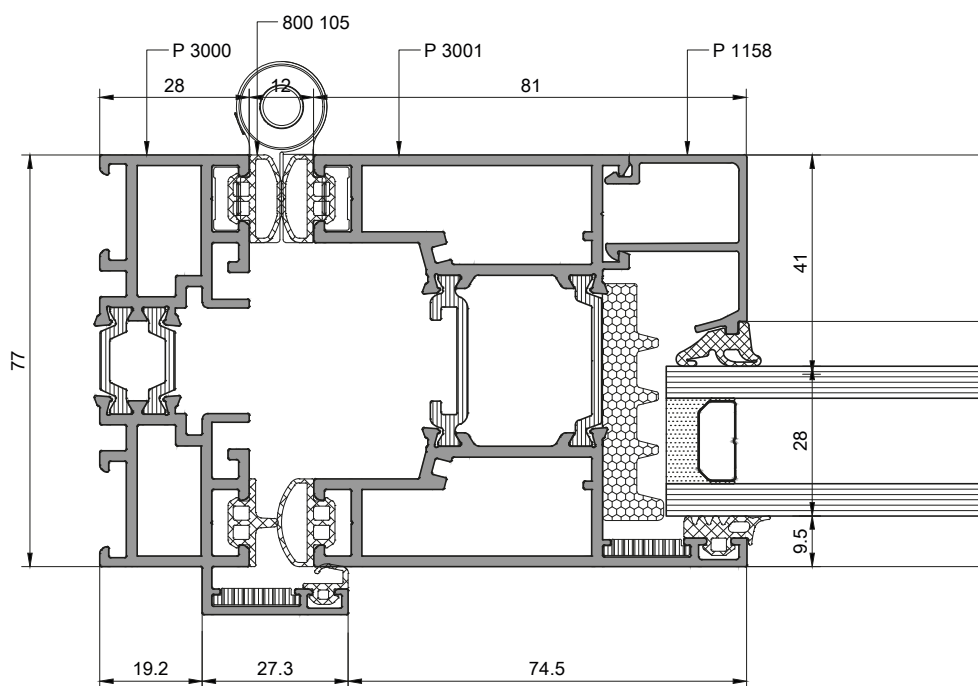
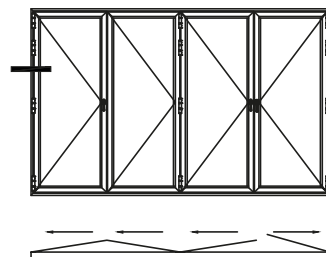


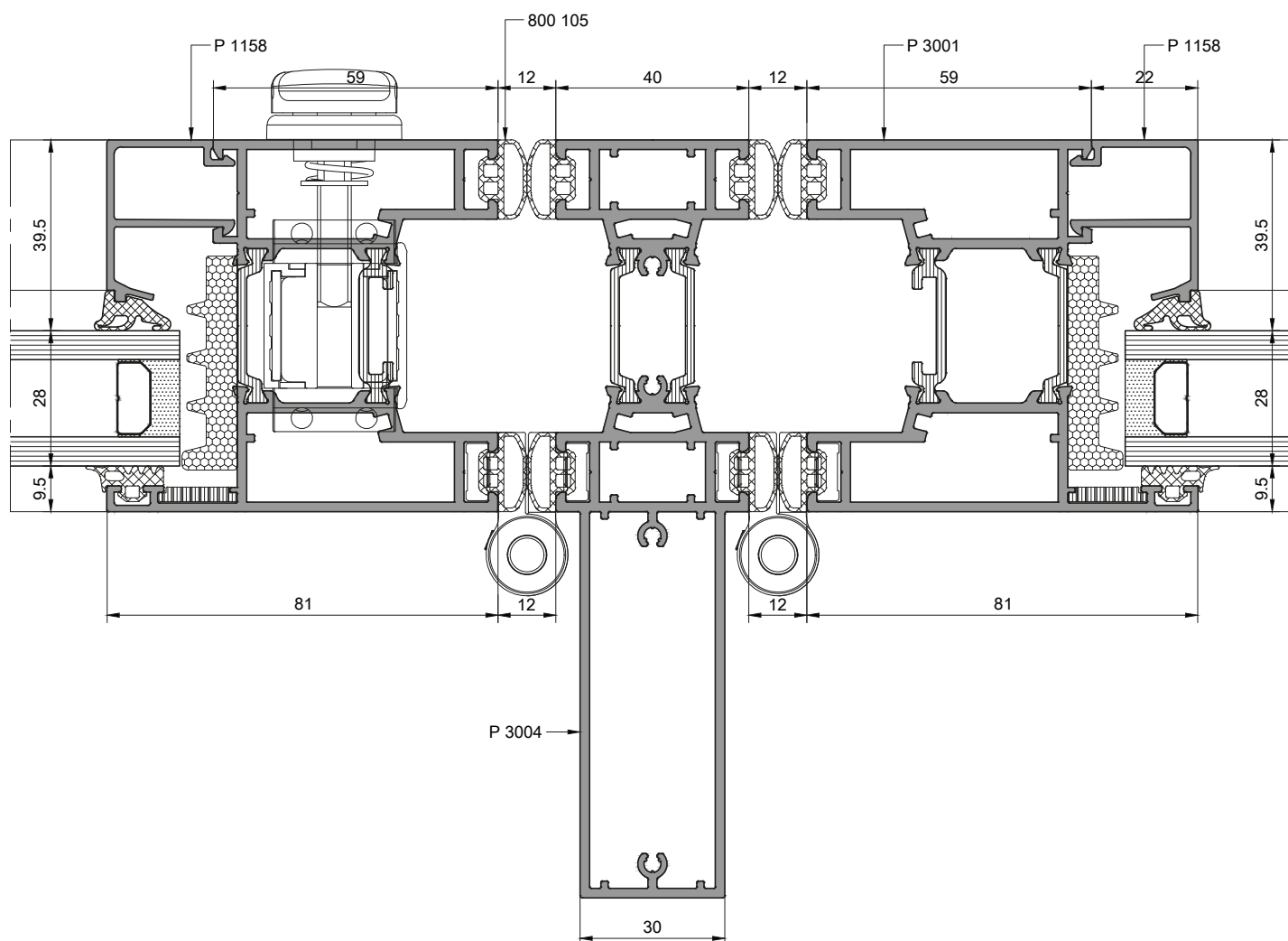
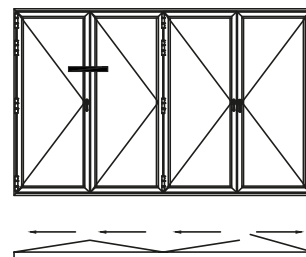


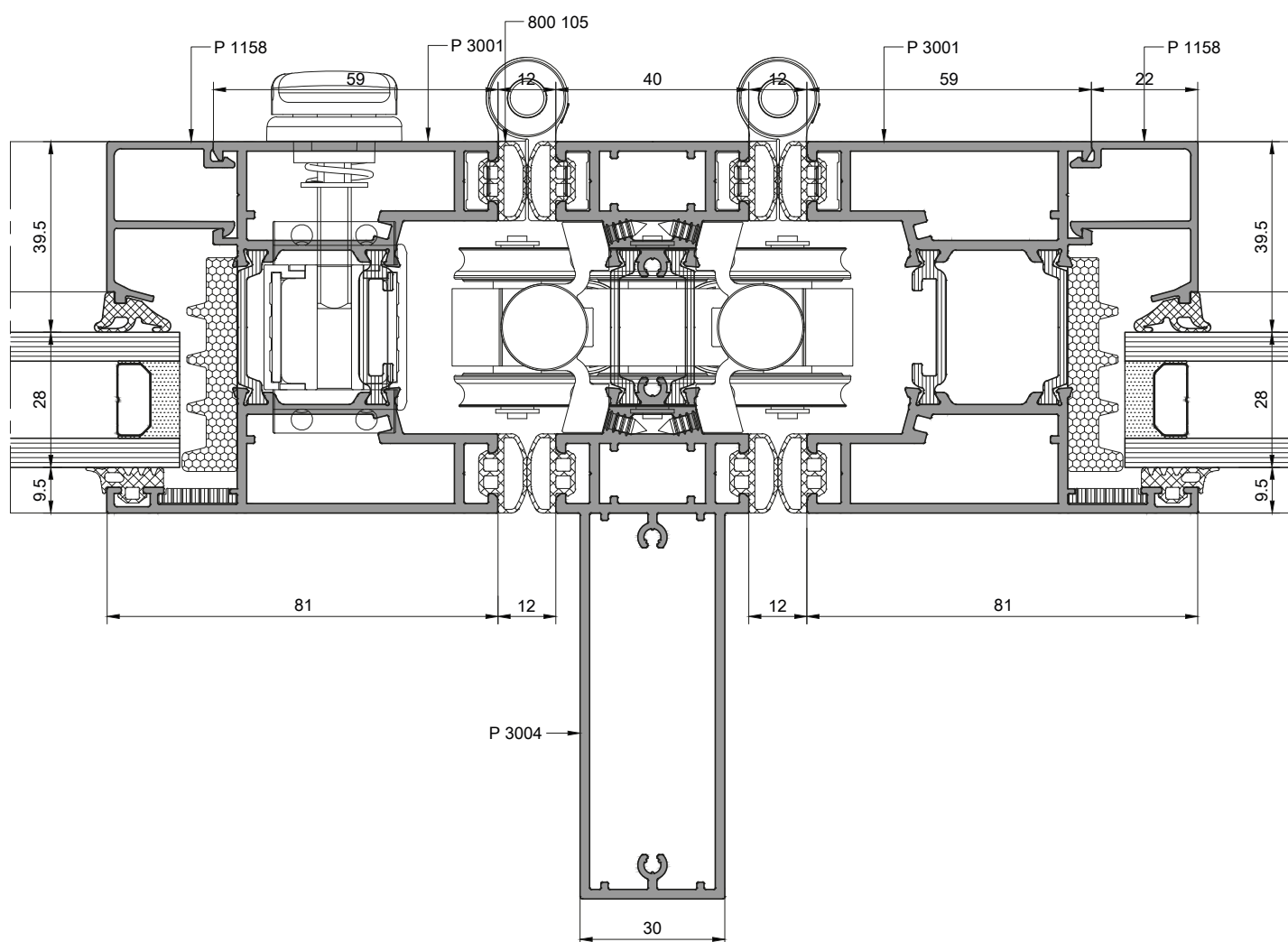
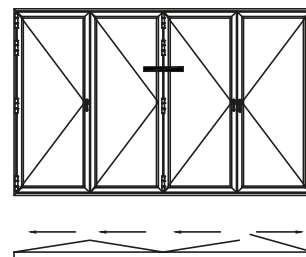


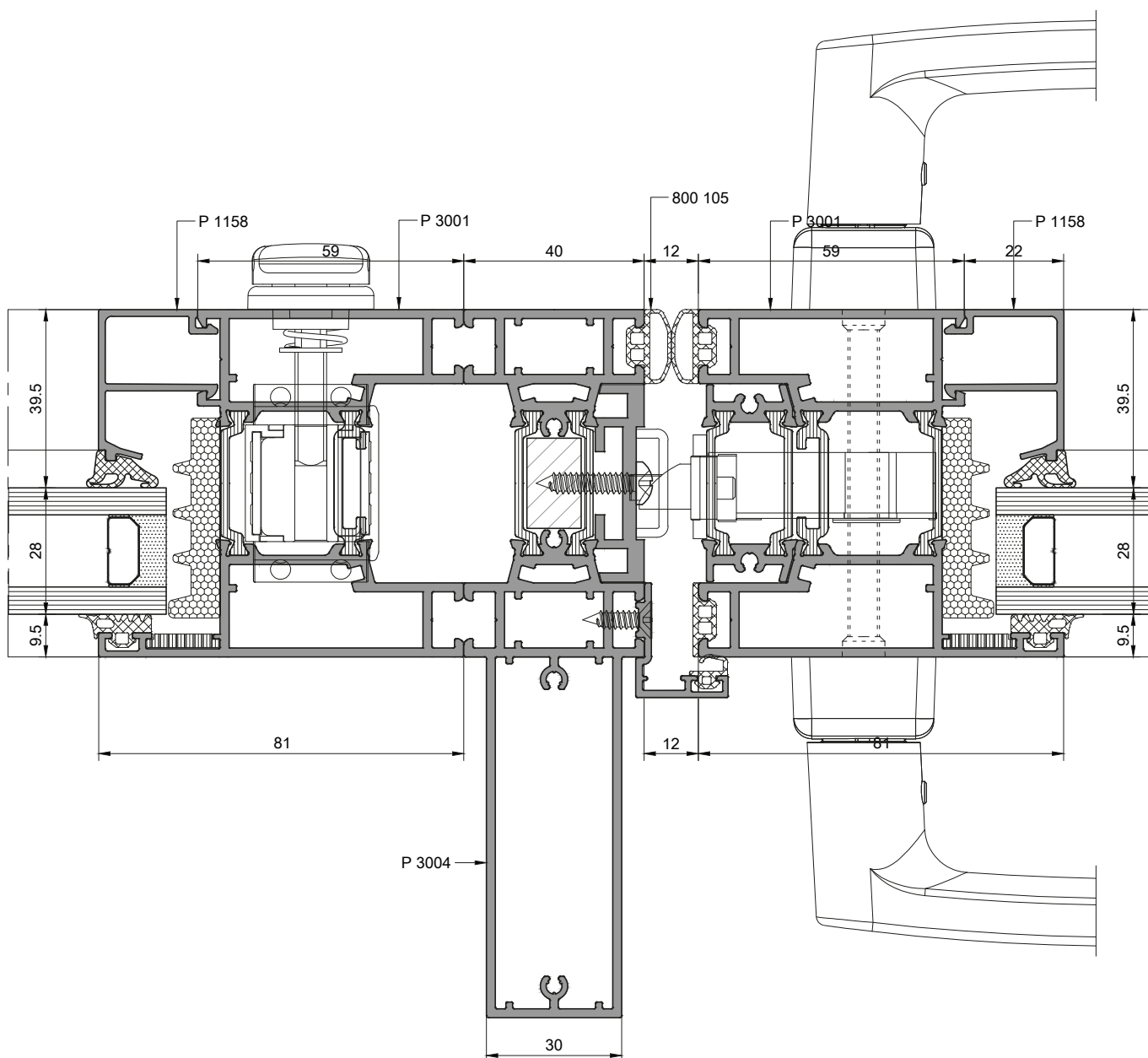
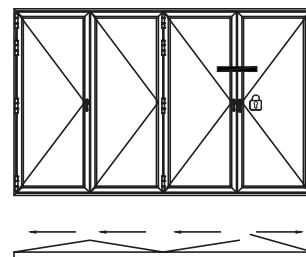


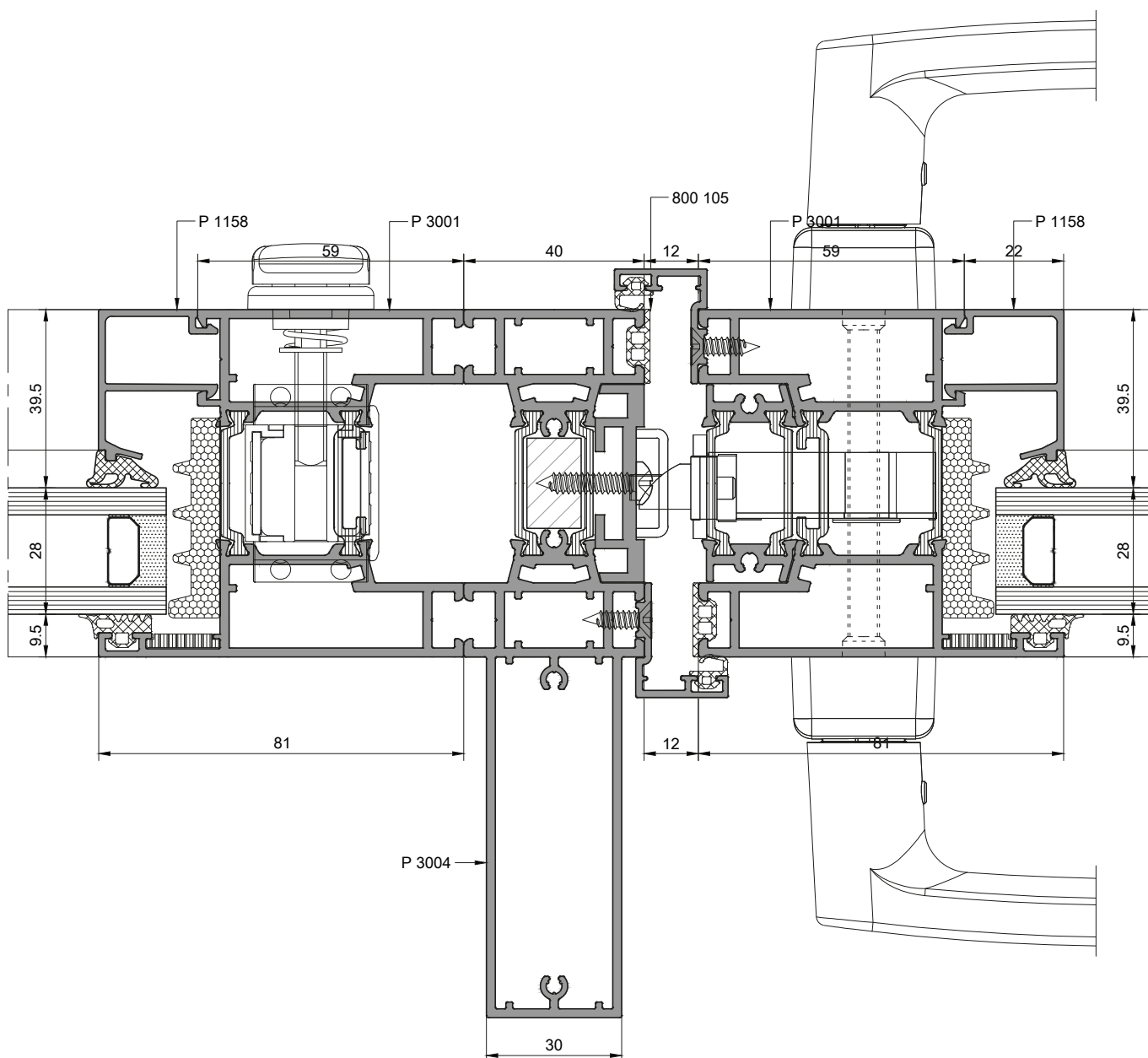
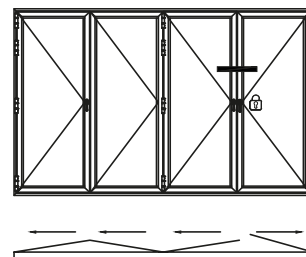


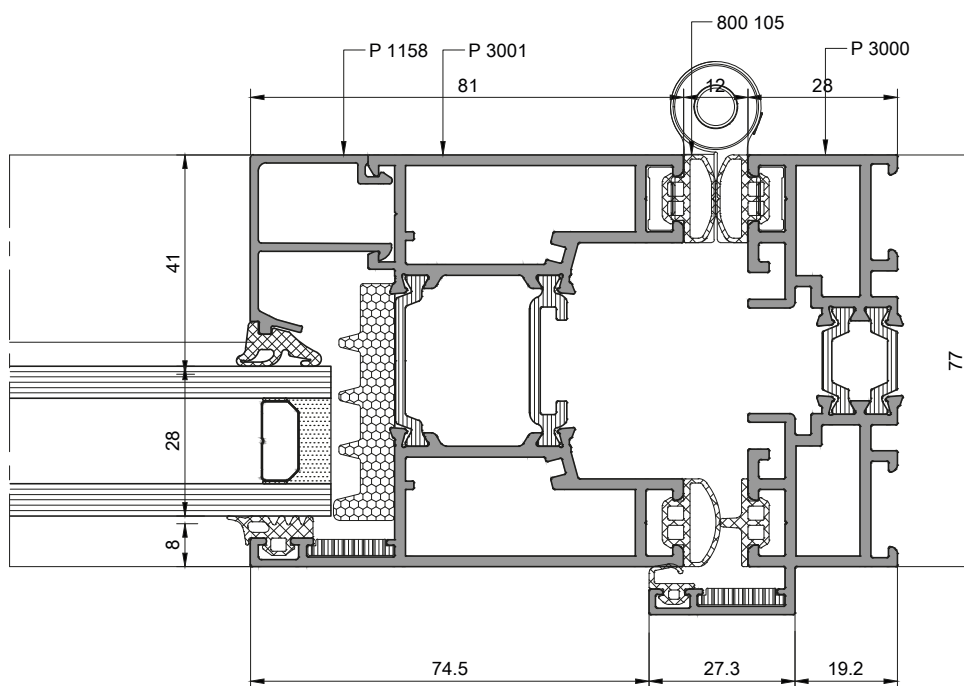
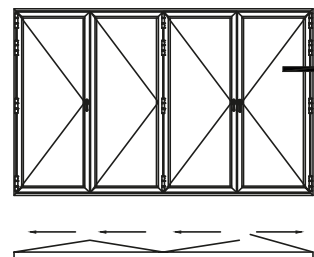


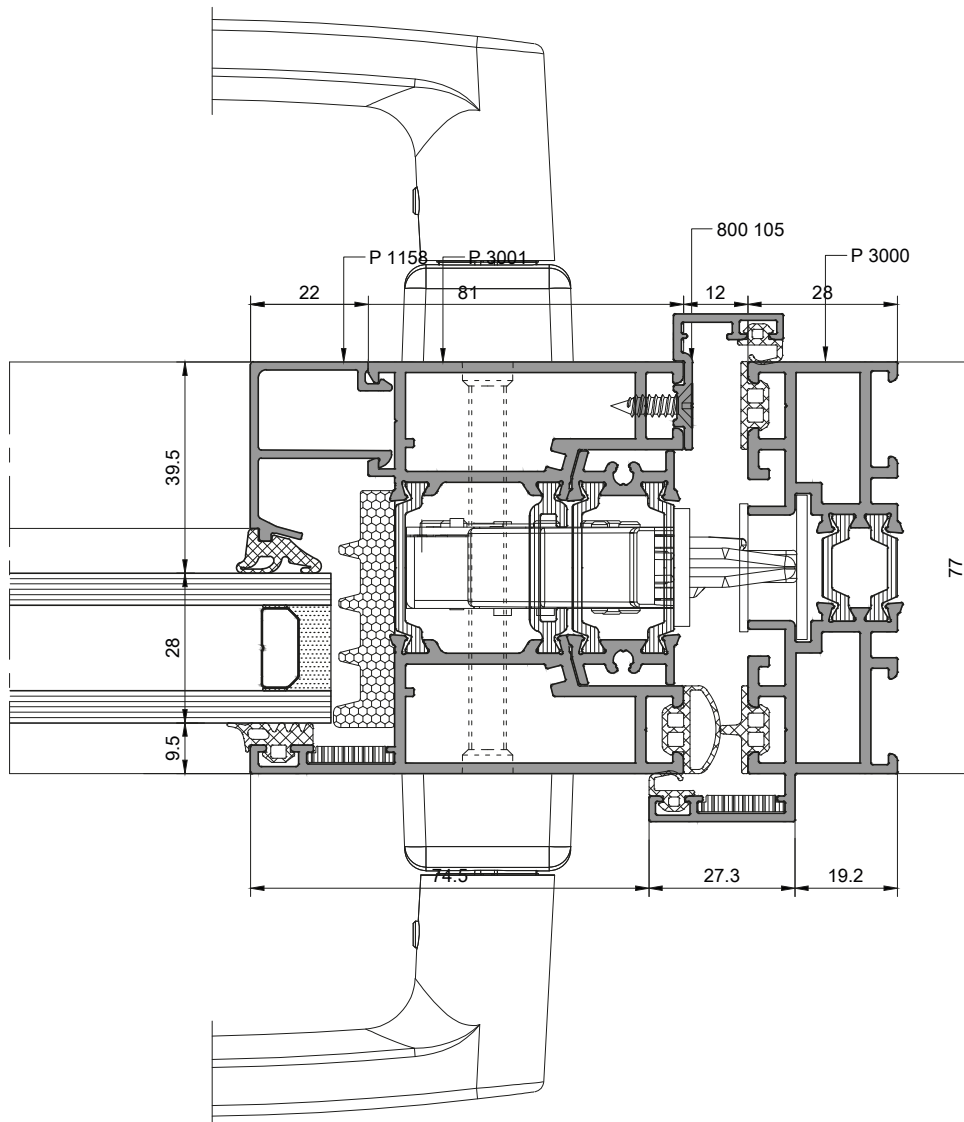


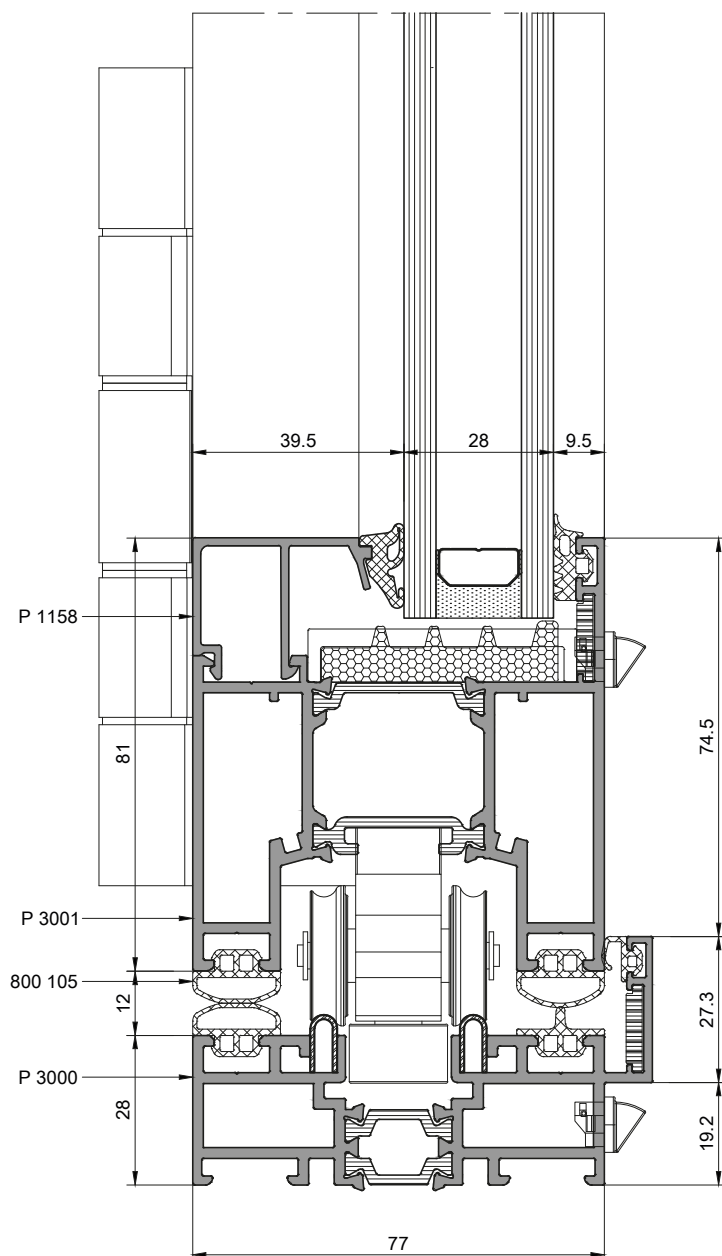
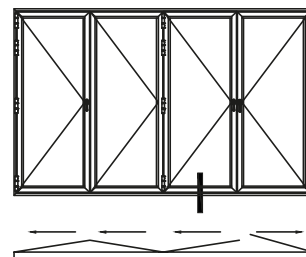


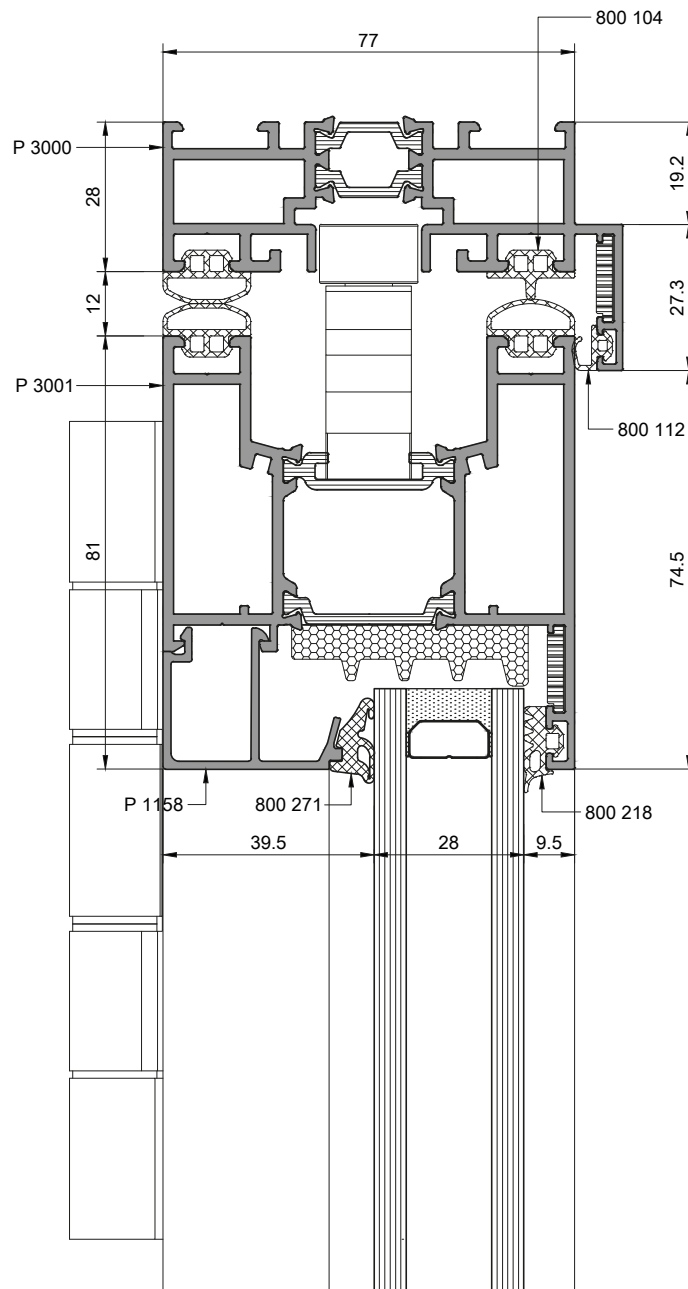






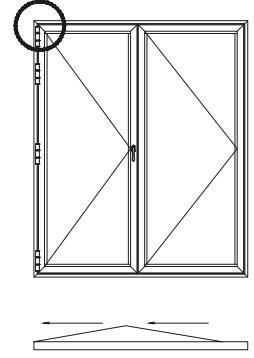
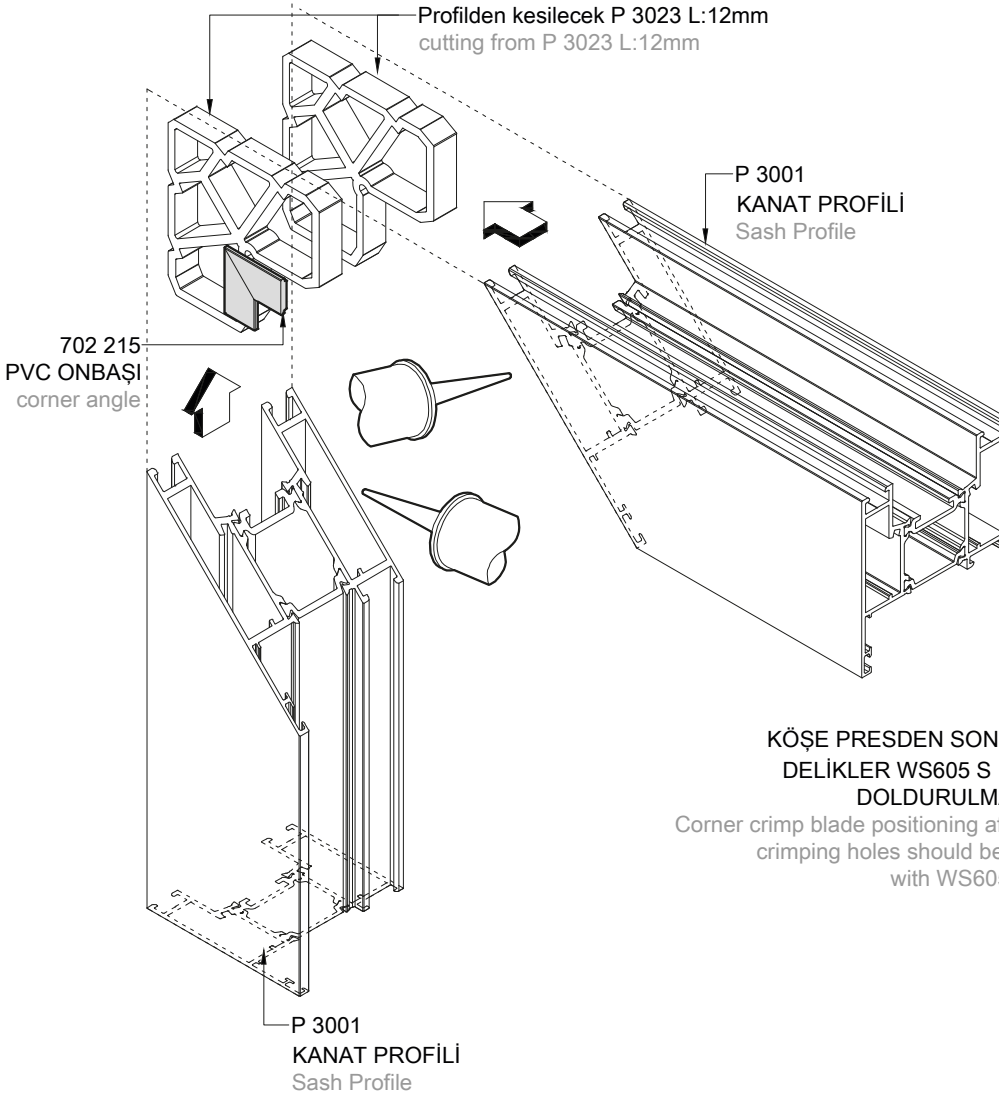




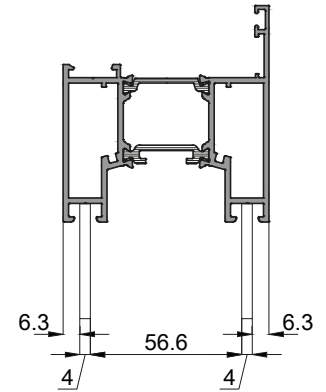
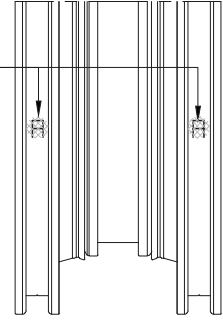


PANORAMA
KATLANIR KAPI SİSTEMİ
PANORAMA FOLDING DOOR SYSTEM

FABRİKASYON ve MONTAJ TALİMATLARI
MANUFACTURING INSTRUCTIONS



KÖŞE PRESDEN SONRA
DELİKLER WS605 S İLE
DOLDURULMALI
Corner crimp blade positioning after
crimping holes should be fill
with WS605 S



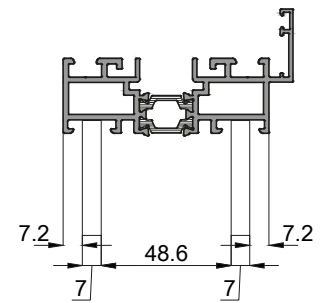
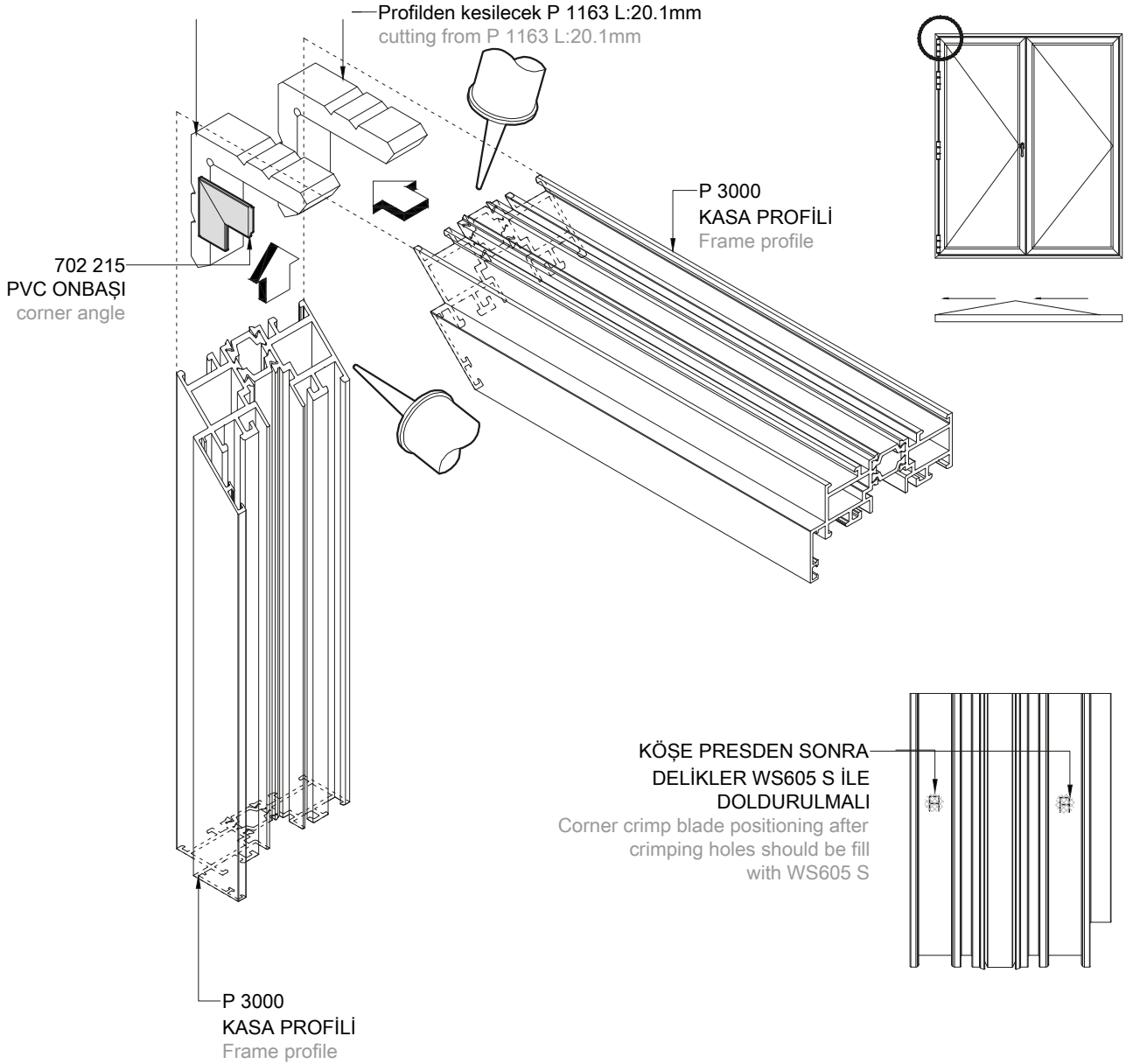
KÖŞE PRES BİÇAK YERLEŞİM
corner crimp blade tool

KÖŞE BAĞLANTI UYGULAMASI

- 1 - UYGUN YAĞ SÖKÜCÜ İLE KESİM YÜZEYİ VE ÖN+ARKA ODACIKLAR TEMİZLENİR.
- 2 - HER İKİ PROFİLİN ÖN VE ARKA ODACIKLARINA COSMO-DUO PU-200.281 EPOXİ ENJEKTE EDİLİR.
- 3 - HER İKİ PROFİLİN AÇILI KESİM YÜZEYİNE WS605 S MASTİK UYGULAMASI YAPILIR.
- 4 - HER İKİ PROFİLİN KÖŞELERİ PRES İLE BAĞLANIP HİZALANIR,TAŞAN SİLİKON VE EPOXİ ARTIĞI HEMEN UYGUN TEMİZLEYİCİ İLE TEMİZLENİR.

Corner assembling application

- 1-interior and exterior chambers should be clear with oil remover
- 2-nterior and exterior chambers of both aluminium profiles should be fill with cosmo-duo pu-200.281 epoxy.
- 3-WS605 S adhesive should be apply on to both profiles cutting surface.
- 4-Both profiles should be aligned and crimped excessive silicone and epoxy should be remove with proper cleaner.



KÖŞE PRES BİÇAK YERLEŞİM
corner crimp blade tool

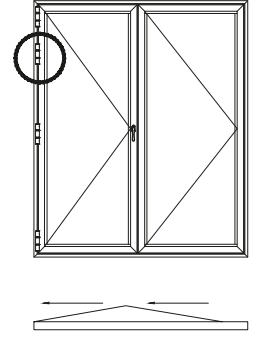
KÖŞE BAĞLANTI UYGULAMASI

- 1 - UYGUN YAĞ SÖKÜCÜ İLE KESİM YÜZEYİ VE ÖN+ARKA ODACIKLAR TEMİZLENİR.
- 2 - HER İKİ PROFİLİN ÖN VE ARKA ODACIKLARINA COSMO-DUO PU-200.281 EPOXİ ENJEKTE EDİLİR.
- 3 - HER İKİ PROFİLİN AÇILI KESİM YÜZEYİNE WS605 S MASTİK UYGULAMASI YAPILIR.
- 4 - HER İKİ PROFİLİN KÖŞELERİ PRES İLE BAĞLANIP HİZALANIR, TAŞAN SİLİKON VE EPOXİ ARTIĞI HEMEN UYGUN TEMİZLEYİCİ İLE TEMİZLENİR.

Corner assembling application

- 1-interior and exterior chambers should be clear with oil remover
- 2-nterior and exterior chambers of both aluminium profiles should be fill with cosmo-duo pu-200.281 epoxy.
- 3-WS605 S adhesive should be apply on to both profiles cutting surface.
- 4-Both profiles should be aligned and crimped excessive silicone and epoxy should be remove with proper cleaner.

(çerçeve toplanmadan önce miktarı kadar
yerine takılmalı)
must be insert into the section before
assembling frame



P 3001
KANAT PROFİLİ
Sash Profile

M5x15
sivri uclu setscrew
pointed setscrew

P 3000
KASA PROFİLİ
Frame profile

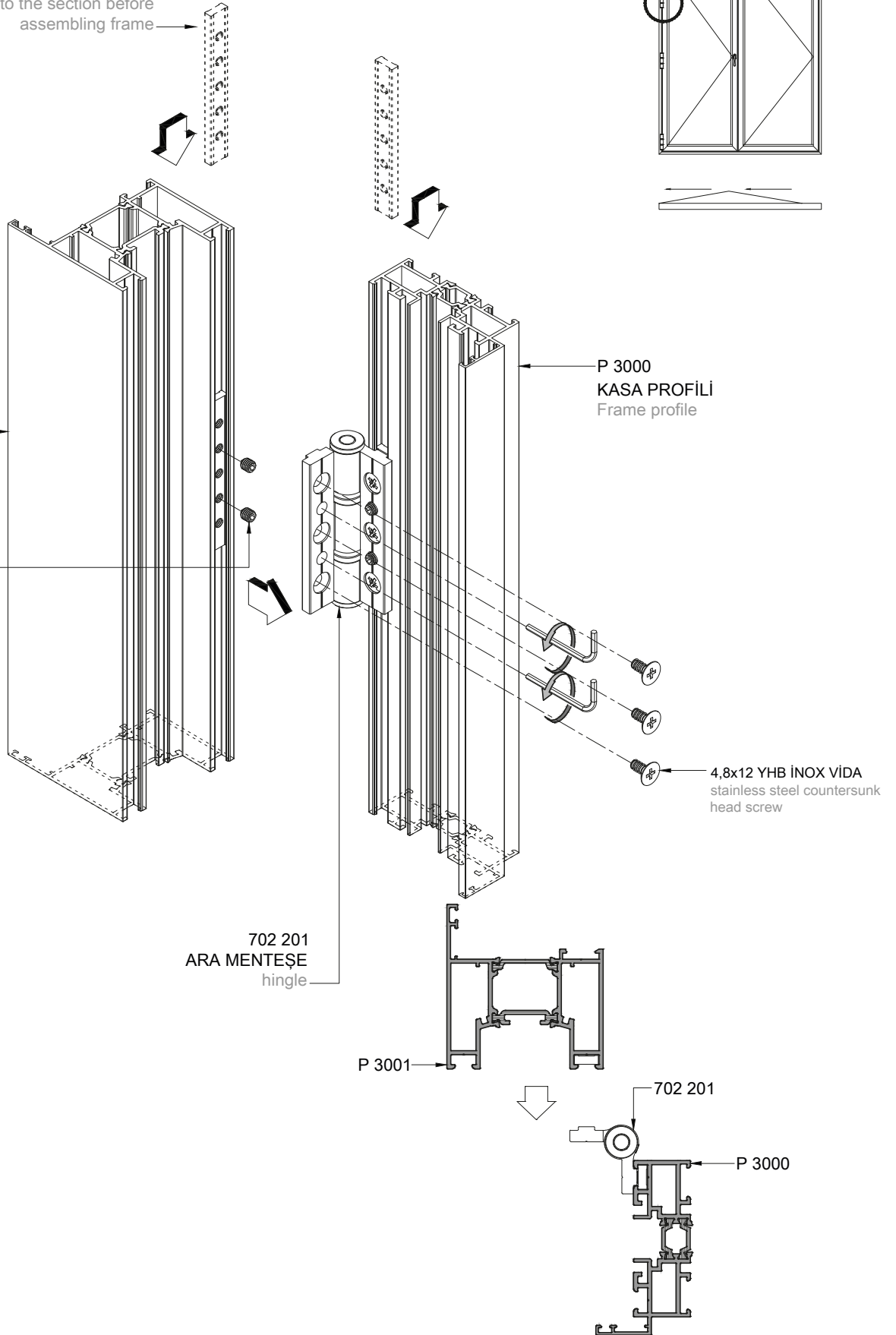
4,8x12 YHB İNOX VİDA
stainless steel countersunk
head screw

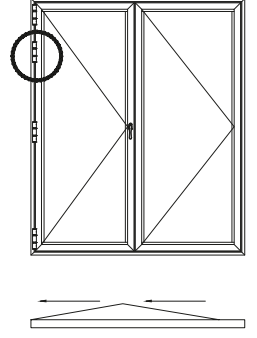
702 201
ARA MENTEŞE
hingle

P 3001

702 201

P 3000





P 3001
KANAT PROFİLİ
Sash Profile

800 105
BİNİ CONTASI
overlap gasket

702 201
ARA MENTEŞE
hingle

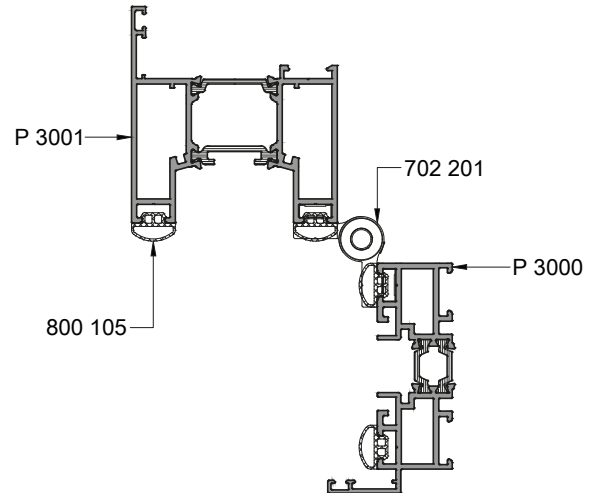
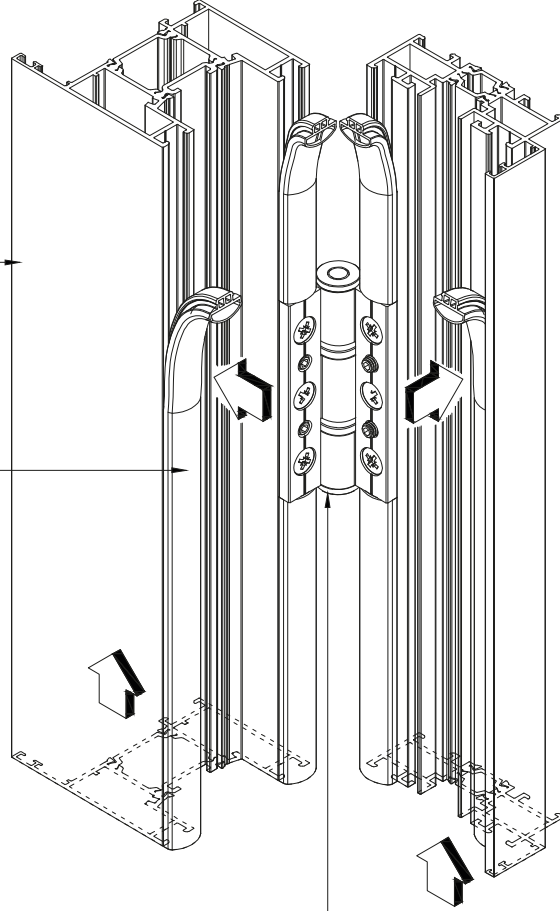
P 3000
KASA PROFİLİ
Frame profile

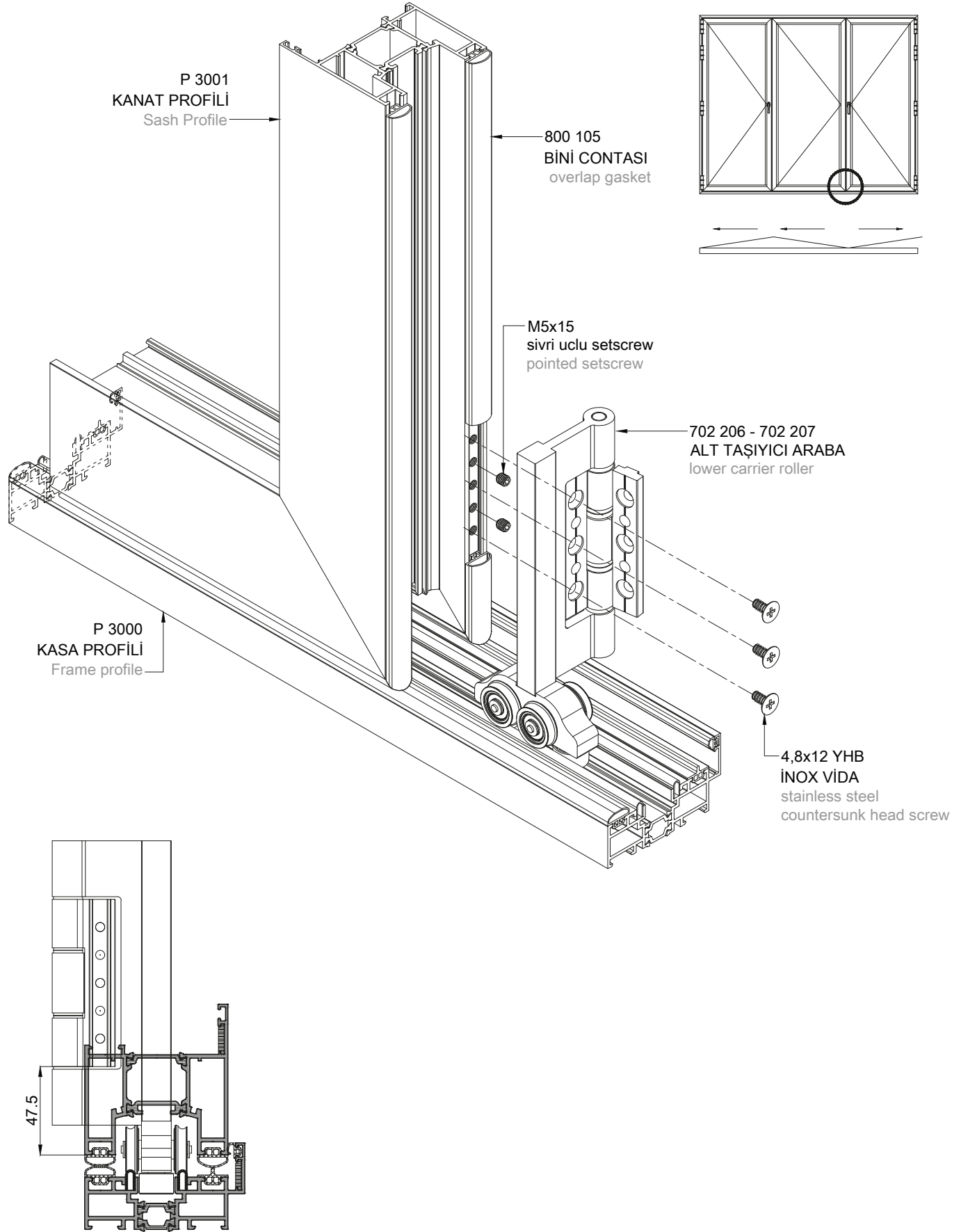
P 3001

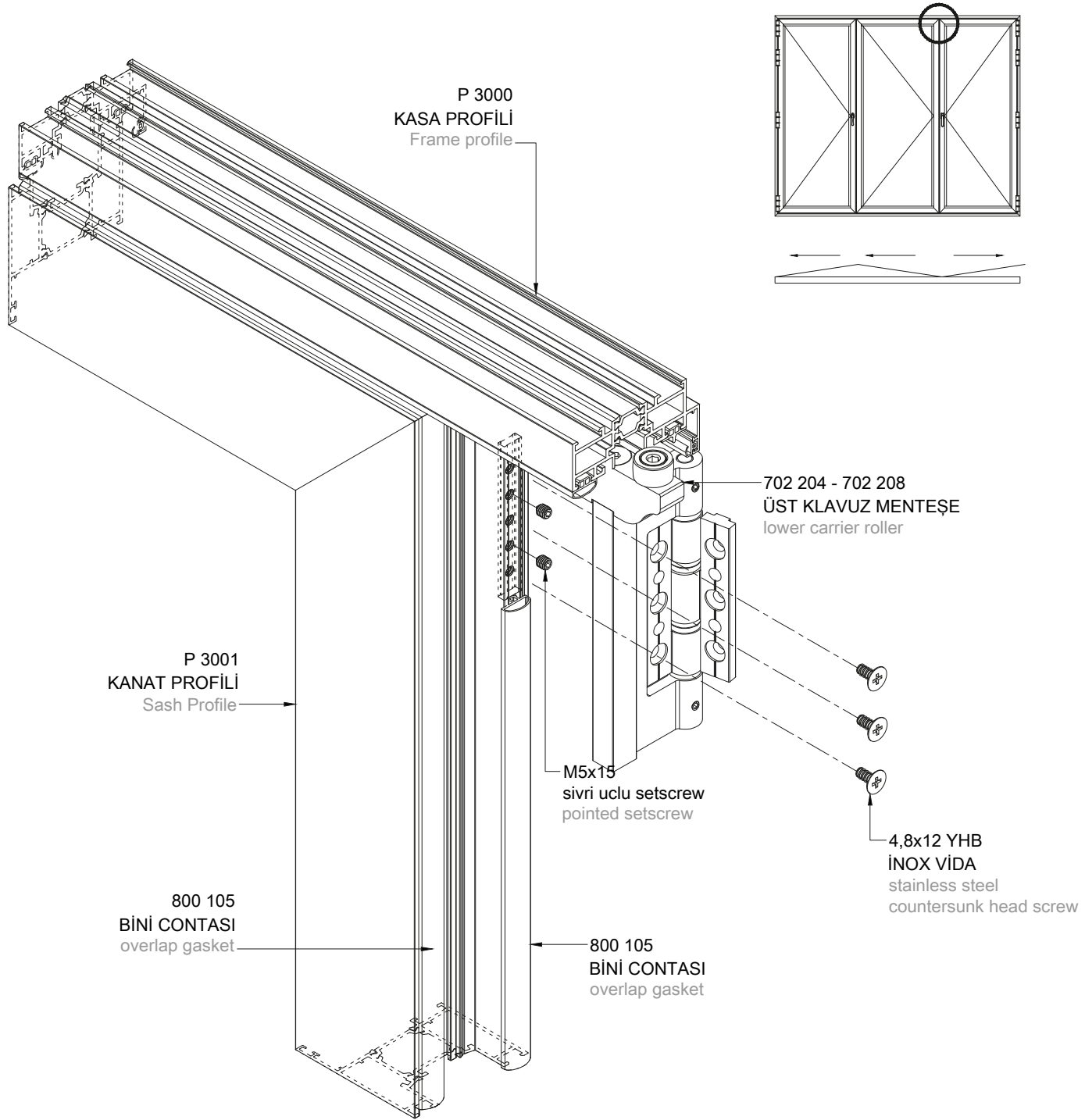
702 201

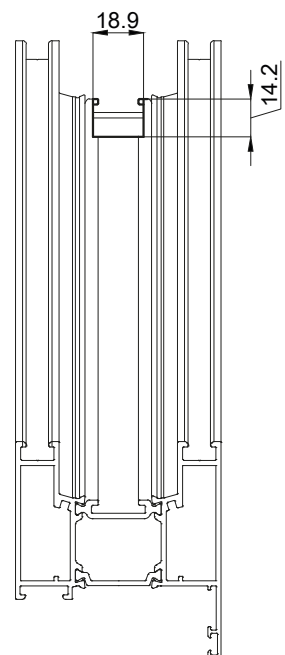
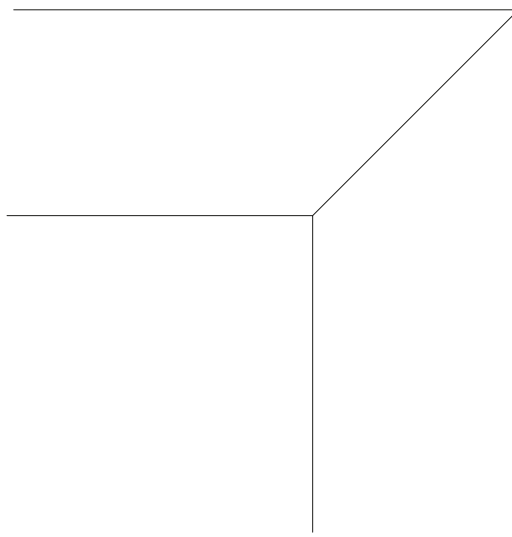
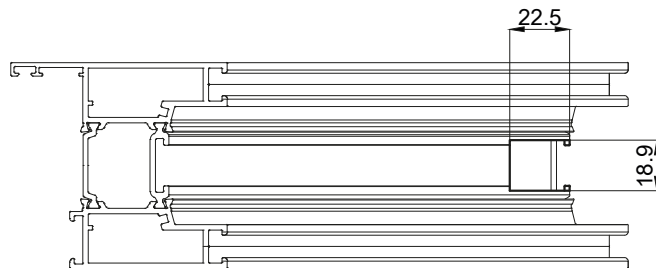
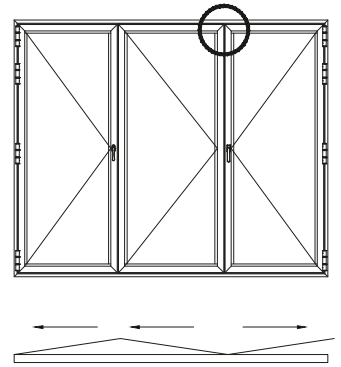
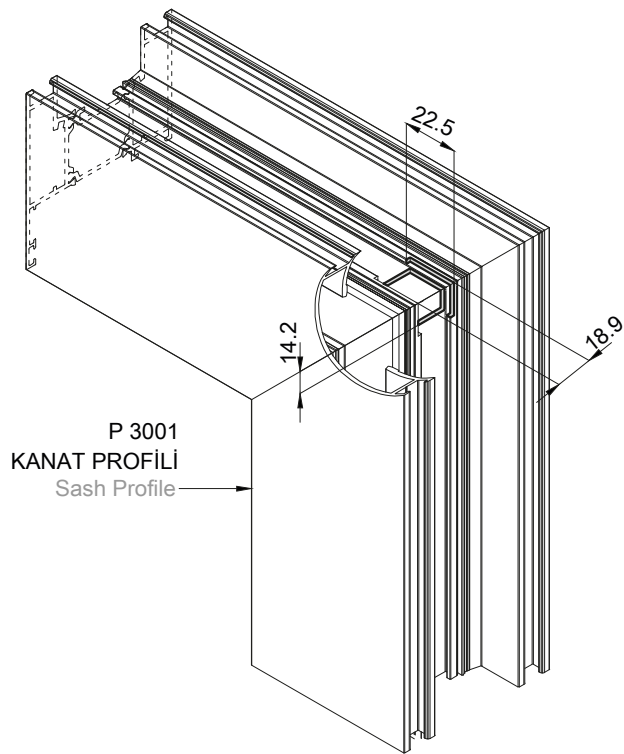
P 3000

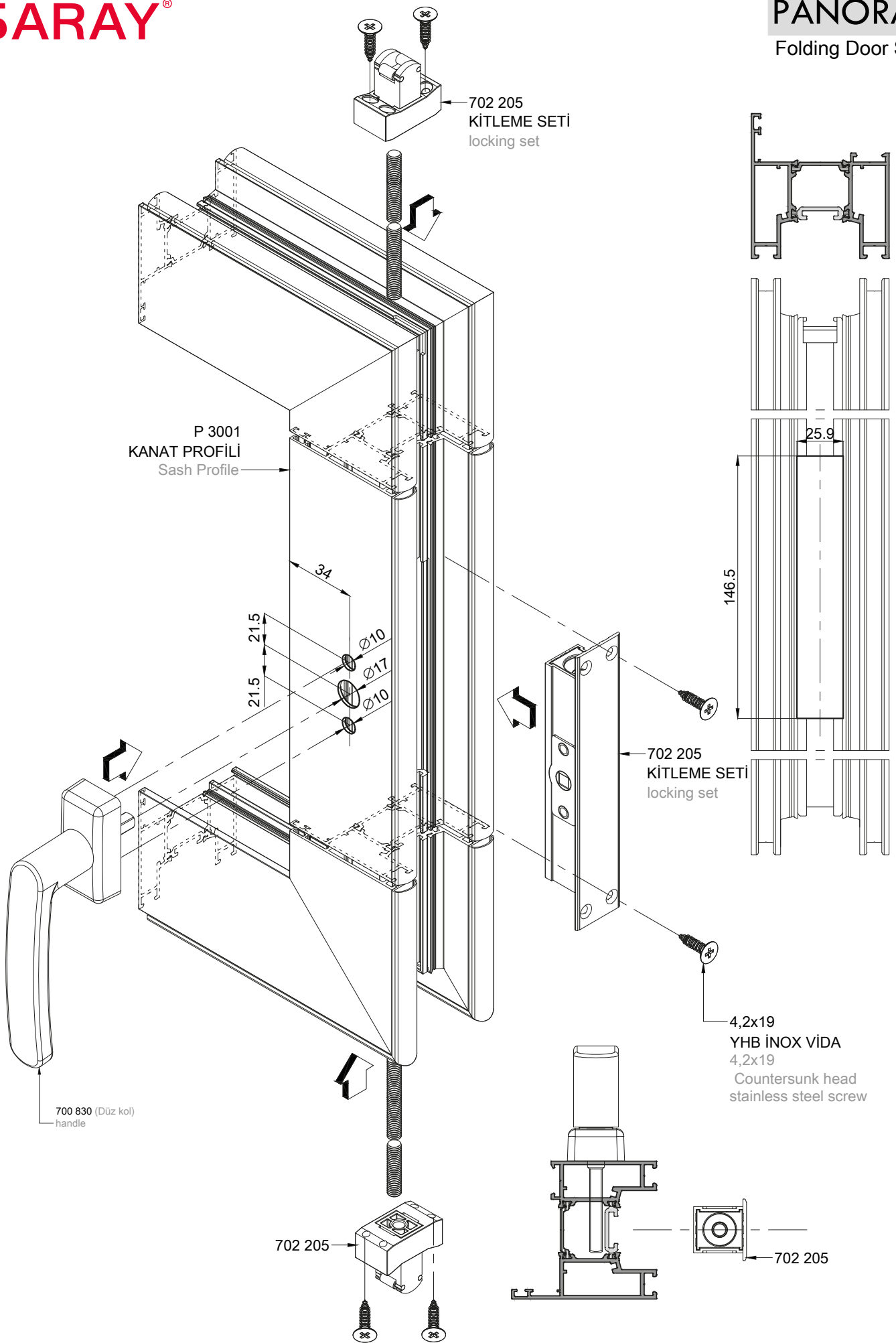
800 105



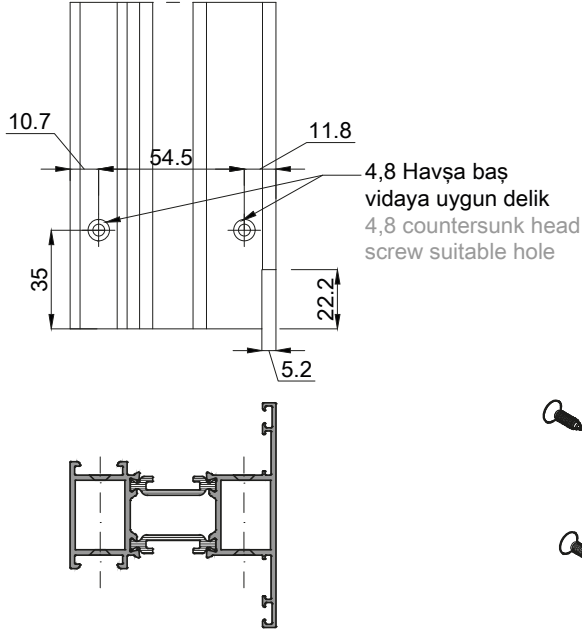




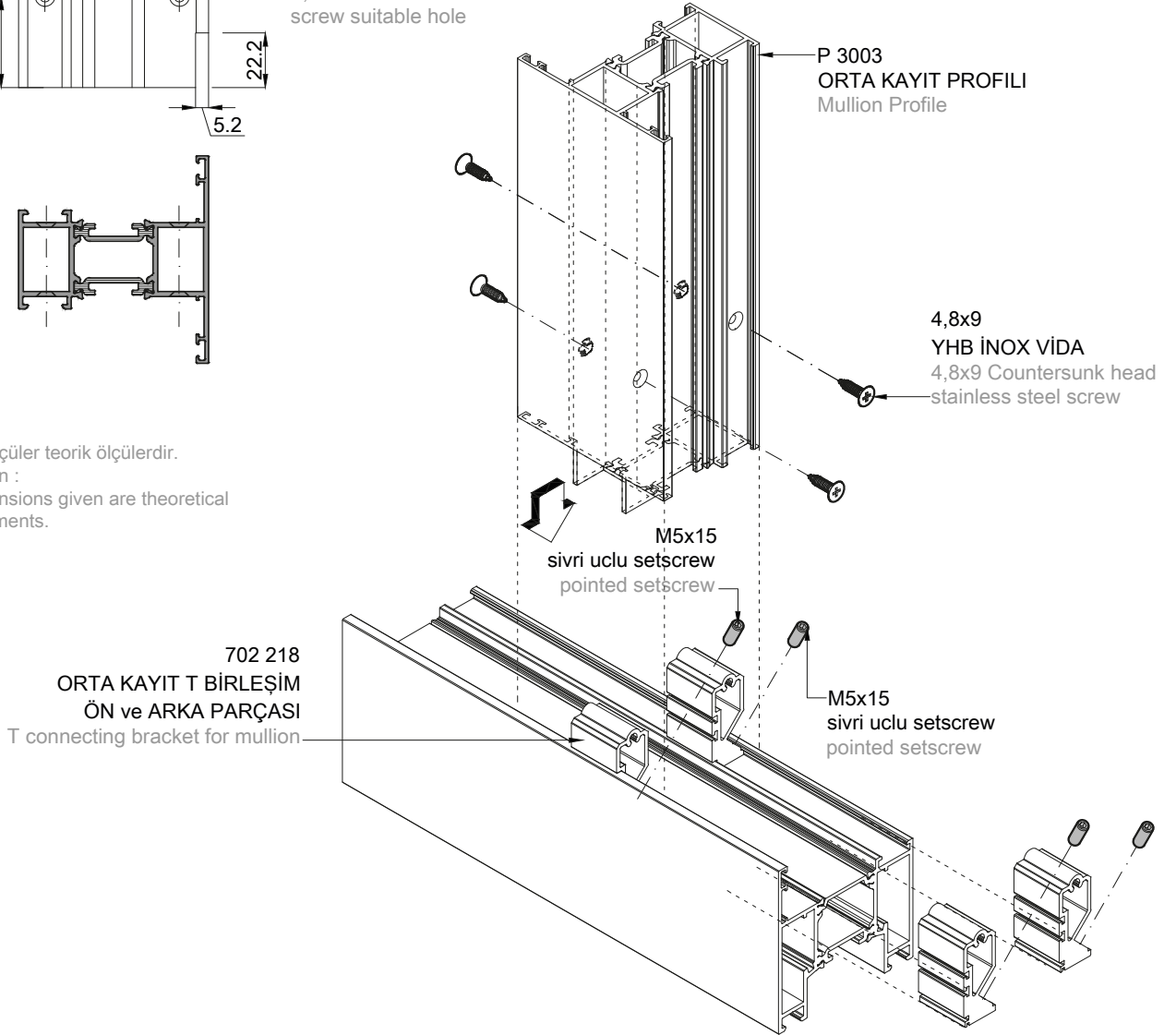




P 3003
ORTA KAYIT PROFİLİ
KERTME ve DELİK DETAYI
Mullion profile
notching and hole proces



**Dikkat :
Verilen ölçüler teorik ölçülerdir.
**Attention :
The dimensions given are theoretical measurements.



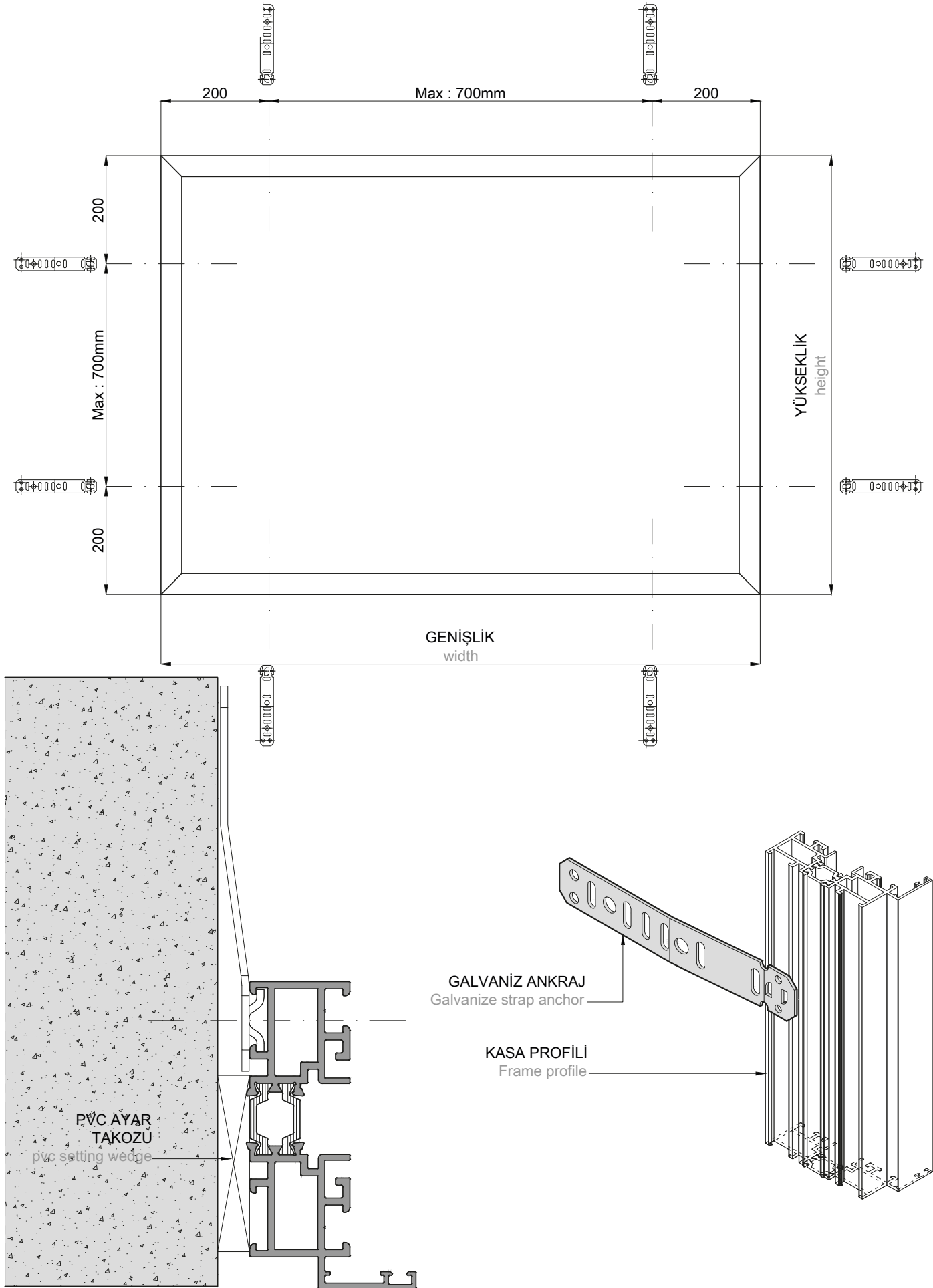
BAĞLANTI UYGULAMASI

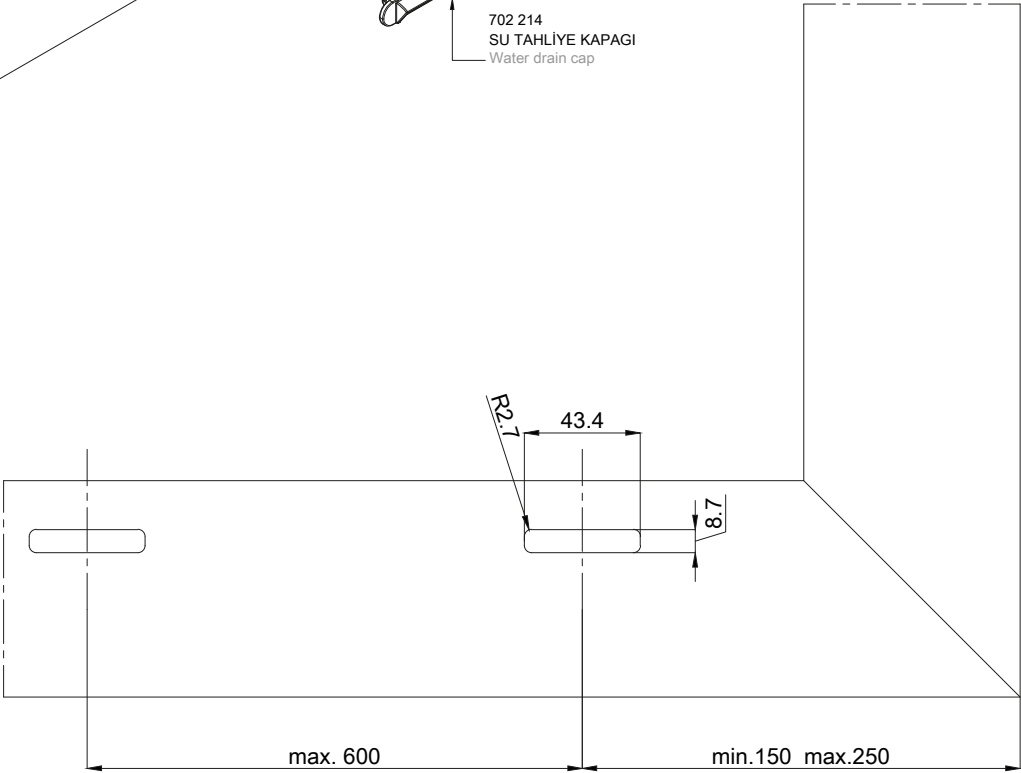
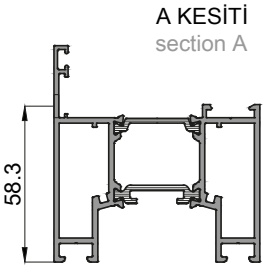
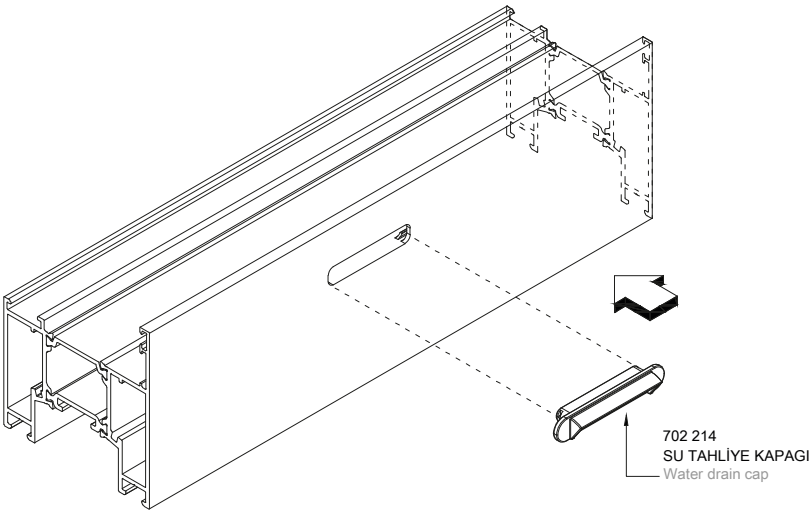
- 1 - UYGUN YAĞ SÖKÜCÜ İLE KESİM YÜZEYİ VE ÖN+ARKA ODACIKLAR TEMİZLENİR.
- 2 - HER İKİ PROFİLİN BAĞLANTI YERLERİNE SİLİKON UYGULAMASI YAPILIR.

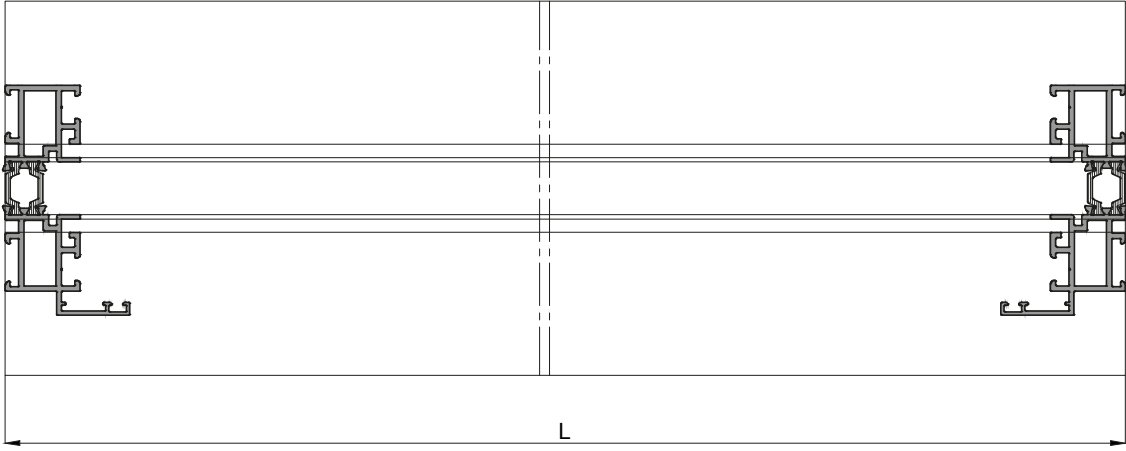
Corner assembling application

1-interior and exterior chambers should be clear with oil remover

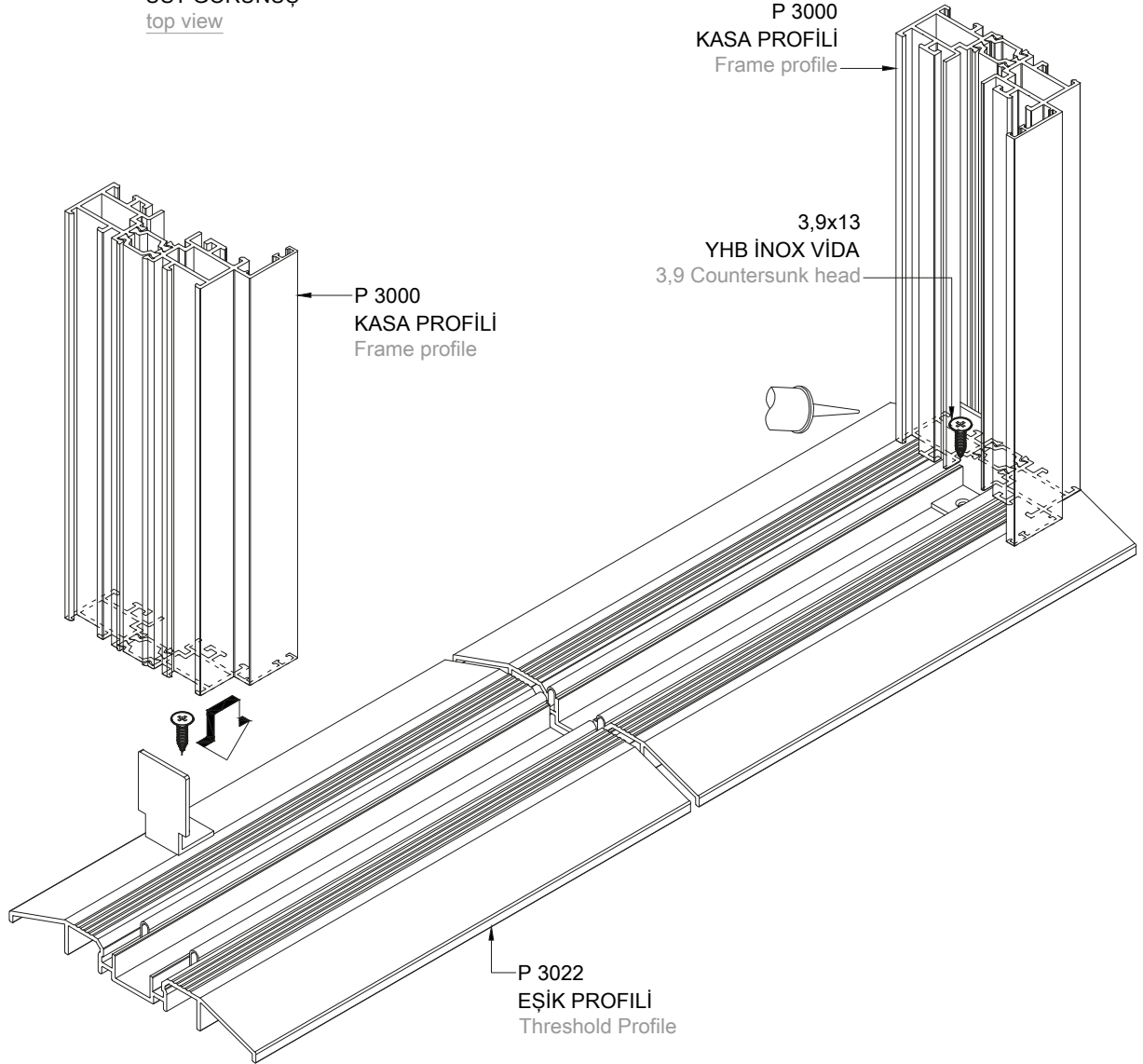
2-nterior and exterior chambers of both aluminium profiles should be fill with cosmo-duo pu-200.281 epoxy.

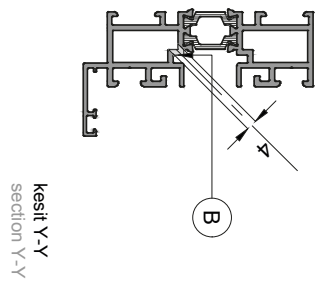


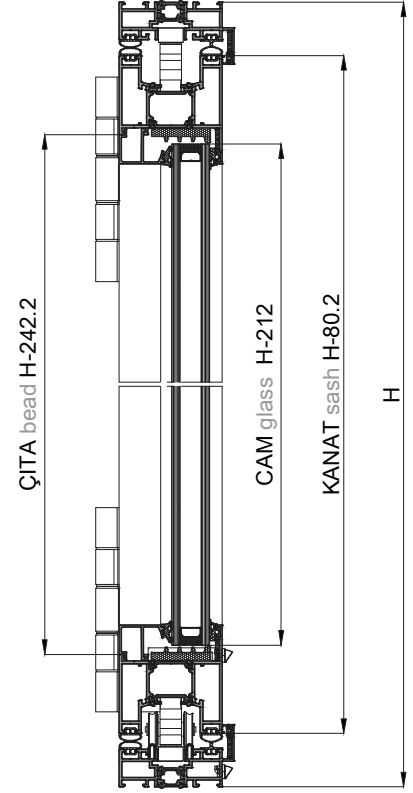
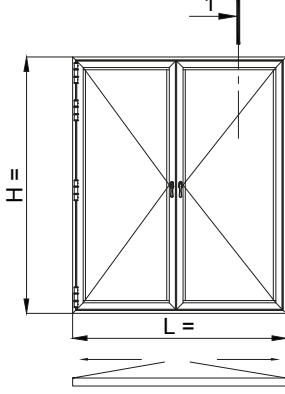




ÜST GÖRÜNÜŞ
top view







1 KESİTİ
section 1

CONTA LİSTESİ-GASKET LİST

CONTA KODU GASKET COD.	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L 6H	BİNİ CONTASI overlap gasket
800 104	2L 2H	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L 4H	DIŞ CAM CONTASI exterior glazing gasket
800 271	2L 4H	6mm İÇ CAM CONTASI 6mm interior glazing gasket
800 112	2L 4H	BİNİ CONTASI overlap gasket
800 113	2H	BİNİ CONTASI overlap gasket

AKSESUAR LİSTESİ-ACCESSORIES LİST

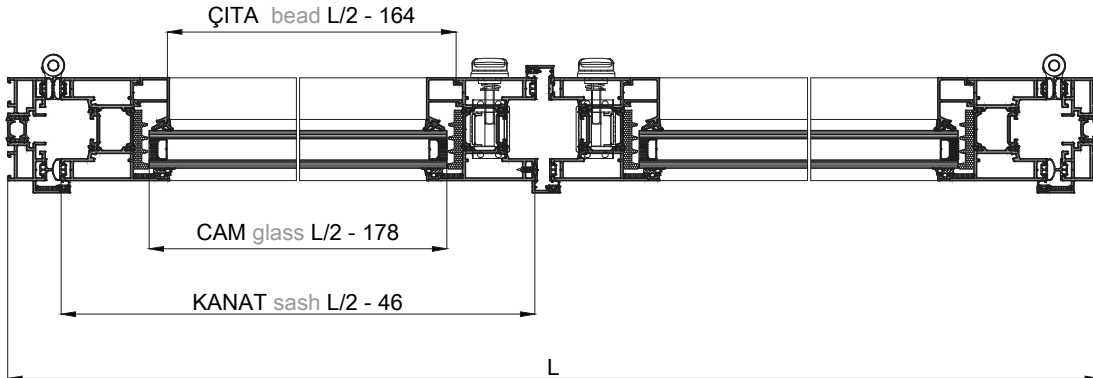
AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 201	8ad	ARA MENTEŞE Hingle
702 205	2tk	KITLEME SETİ Locking set
702 211	2ad	130mm MINIMAL KOL 130mm handle
702 214	7ad	SU TAHLİYE KAPAGI Water drain hole cap
702 220	1ad	ÇEKME KOL Handle
702 215	12ad	PVC KÖŞE ONBAŞI Pvc corner angle
702 213	8ad	CAM TAKOZU Glass support

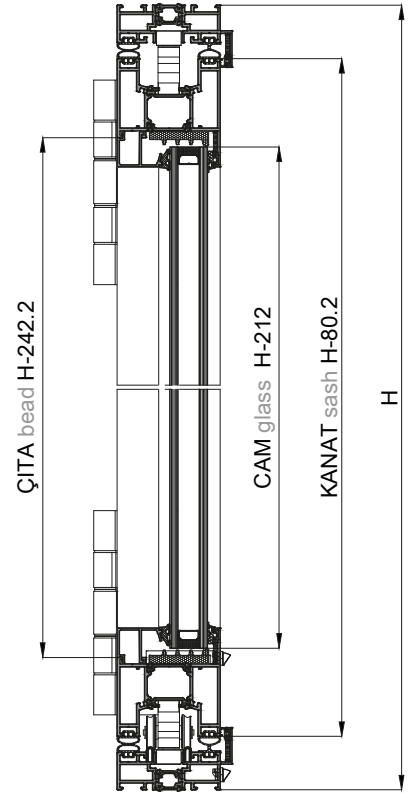
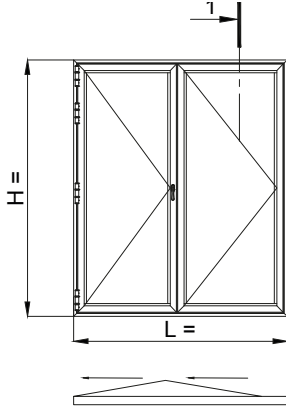
PROFİL KESİM LİSTESİ - PROFILE CUT LIST

PRF KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM ŞEKLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KASA PROFİLİ Double Track Rail Profile		H
	2ad	İKİ RAYLI KASA PROFİLİ Double Track Rail Profile		L
P 3001	6ad	DÜŞEY KANAT PROFİLİ Vertical Sash Profile		H - 80,2
	6ad	YATAY KANAT PROFİLİ Horizontal Sash Profile		L/2 - 46
P 1158	6ad	YATAY CAM ÇİTA PROFİLİ horizontal glazing bead profile		L/2 - 164
	6ad	DÜŞEY CAM ÇİTA PROFİLİ horizontal glazing bead profile		H - 242,2
702 212	2ad	INOX RAY stainless steel rail		L - 42
P 3018	1ad	ADAPTOR PROFİLİ adapter profile		H - 80
P 3018	1ad	ADAPTOR PROFİLİ adapter profile		H - 105

CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
2 ADET kanat camı 2 piece sash glass	L/2 - 178 X H - 212





1 KESİTİ
section 1

CONTA LİSTESİ-GASKET LİST

CONTA KODU GASKET COD.	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L 9H	BİNİ CONTASI overlap gasket
800 104	2L 2H	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L 4H	DIŞ CAM CONTASI exterior glazing gasket
800 271	2L 4H	6mm İÇ CAM CONTASI 6mm interior glazing gasket
800 112	2L 2H	BİNİ CONTASI overlap gasket
800 101	L H	BİNİ CONTASI overlap gasket

AKSESUAR LİSTESİ-ACCESSORIES LİST

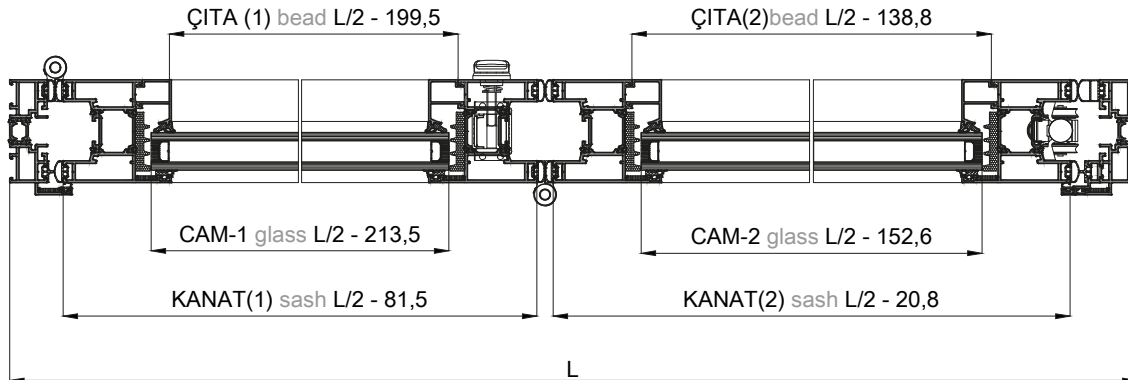
AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 202	1ad	SON (ALT) TAŞIYICI ARABA End carriage
702 203	1ad	SON (ÜST) KLAVUZ MENTEŞE End carriage
702 201	6ad	ARA MENTEŞE Hingle
702 205	1tk	KITLEME SETİ Locking set
702 211	1ad	130mm MINIMAL KOL 130mm handle
702 214	7ad	SU TAHLİYE KAPAGI Water drain hole cap
702 220	1ad	ÇEKME KOL Handle
702 215	12ad	PVC KÖŞE ONBAŞI Pvc corner angle
702 213	8ad	CAM TAKOZU Glass support

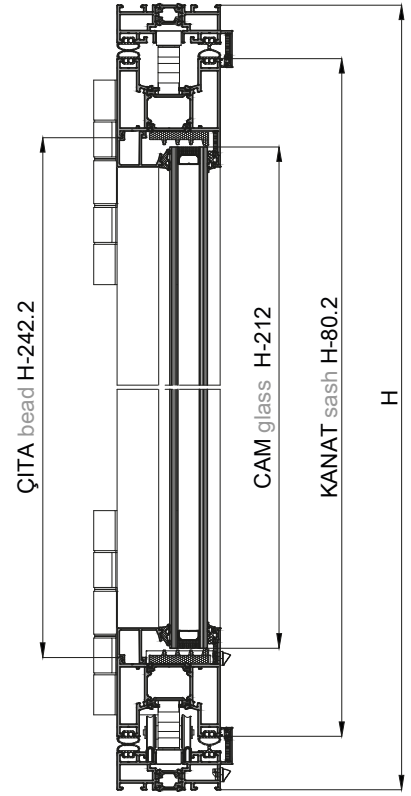
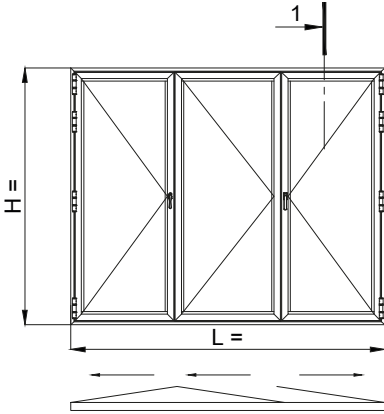
PROFİL KESİM LİSTESİ - PROFILE CUT LIST

PRF KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM ŞEKLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KASA PROFİLİ Double Track Rail Profile		H
	2ad	İKİ RAYLI KASA PROFİLİ Double Track Rail Profile		L
P 3001	4ad	DÜŞEY KANAT PROFİLİ Vertical Sash Profile		H - 80,2
	2ad	YATAY KANAT PROFİLİ Horizontal Sash Profile		L/2 - 81,5
	2ad	YATAY KANAT PROFİLİ Horizontal Sash Profile		L/2 - 20,8
P 1158	2ad	YATAY CAM ÇİTA PROFİLİ horizontal glazing bead profile		L/2 - 138,8
	2ad	YATAY CAM ÇİTA PROFİLİ horizontal glazing bead profile		L/2 - 199,5
	4ad	DÜŞEY CAM ÇİTA PROFİLİ horizontal glazing bead profile		H - 242,2
P 3019	2ad	ADAPTÖR PROFİLİ adapter profile		L - 56
702 212	2ad	İNOX RAY stainless steel rail		L - 42

CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
1 ADET kanat camı 1 piece sash glass	L/2-213,5 X H-212
1 ADET kanat camı 1 piece sash glass	L/2-152,6 X H-212





1 KESİTİ
section 1

CONTA LİSTESİ-GASKET LİST

CONTA KODU GASKET COD.	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L 10H	BİNİ CONTASI overlap gasket
800 104	2L 2H	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L 6H	DIŞ CAM CONTASI exterior glazing gasket
800 271	2L 6H	İÇ CAM CONTASI interior glazing gasket
800 112	2L 4H	BİNİ CONTASI overlap gasket
800 113	2H	BİNİ CONTASI overlap gasket

AKSESUAR LİSTESİ-ACCESSORIES LİST

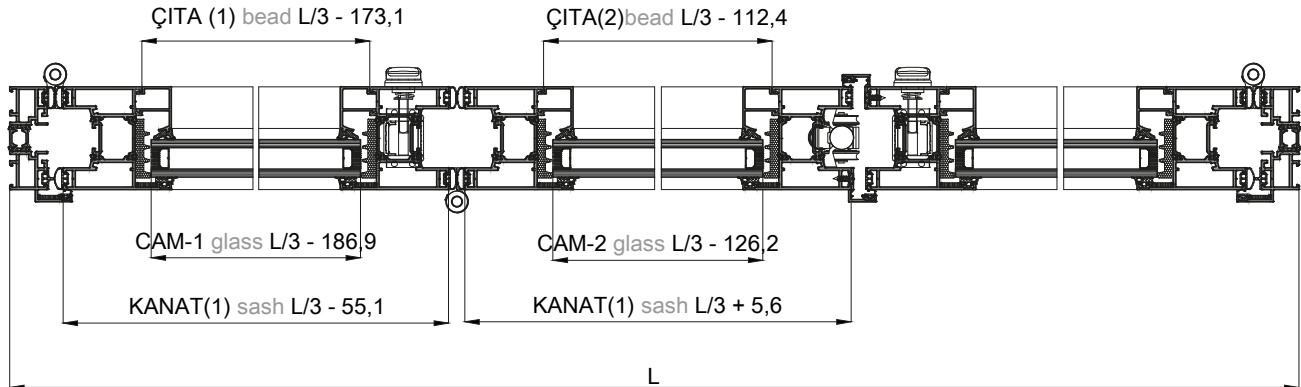
AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 202	1ad	SON (ALT) TAŞIYICI ARABA End carriage
702 203	1ad	SON (ÜST) KLAVUZ MENTEŞE End carriage
702 201	12ad	ARA MENTEŞE Hingle
702 205	2tk	KITLEME SETİ Locking set
702 211	2ad	130mm MINİMAL KOL 130mm handle
702 214	9ad	SU TAHLİYE KAPAGI Water drain hole cap
702 220	1ad	ÇEKME KOL Handle
702 215	16ad	PVC KÖŞE ONBAŞI Pvc corner angle
702 213	12ad	CAM TAKOZU Glass support
702 219	2tk	ADAPTÖR ALT ve ÜST KAPAGI Pvc cap adapter

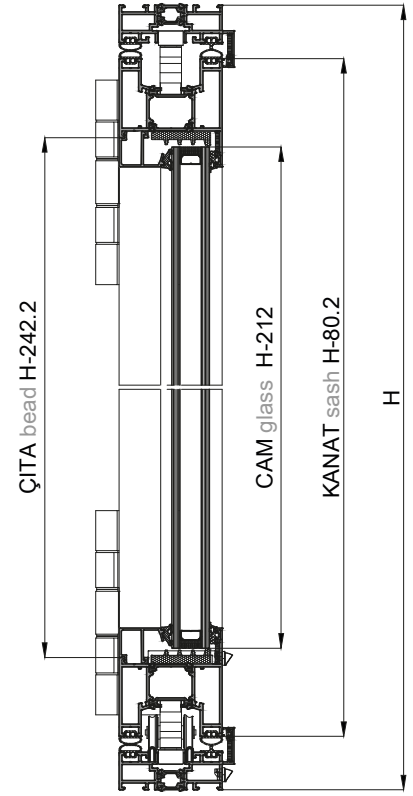
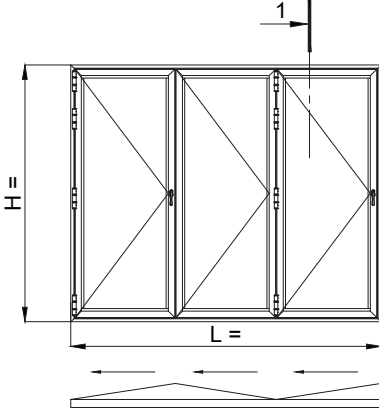
PROFİL KESİM LİSTESİ - PROFILE CUT LIST

PRF KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM ŞEKLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KASA PROFİLİ Double Track Rail Profile		H
	2ad	İKİ RAYLI KASA PROFİLİ Double Track Rail Profile		L
P 3001	6ad	DÜŞEY KANAT PROFİLİ Vertical Sash Profile		H - 80,2
	4ad	YATAY KANAT PROFİLİ Horizontal Sash Profile		L/3 - 55,1
	2ad	YATAY KANAT PROFİLİ Horizontal Sash Profile		L/3 + 5,6
P 1158	2ad	YATAY CAM ÇİTA PROFİLİ horizontal glazing bead profile		L/3 - 173,1
	2ad	YATAY CAM ÇİTA PROFİLİ horizontal glazing bead profile		L/3 - 112,4
	6ad	DÜŞEY CAM ÇİTA PROFİLİ horizontal glazing bead profile		H - 242,2
702 212	2ad	INOX RAY stainless steel rail		L-42
P 3018	1ad	ADAPTÖR PROFİLİ adapter profile		H - 80
P 3018	1ad	ADAPTÖR PROFİLİ adapter profile		H - 105

CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
2 ADET kanat camı 2 piece sash glass	L/3-186,9 X H-212
1 ADET kanat camı 1 piece sash glass	L/3-126,2 X H-212





1 KESİTİ
section 1

CONTA LİSTESİ-GASKET LİST

CONTA KODU GASKET COD.	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L 10H	BİNİ CONTASI overlap gasket
800 104	2L 2H	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L 6H	DIŞ CAM CONTASI exterior glazing gasket
800 271	2L 6H	6mm İÇ CAM CONTASI 6mm interior glazing gasket
800 112	2L 3H	BİNİ CONTASI overlap gasket
800 113	H	BİNİ CONTASI overlap gasket

AKSESUAR LİSTESİ-ACCESSORIES LİST

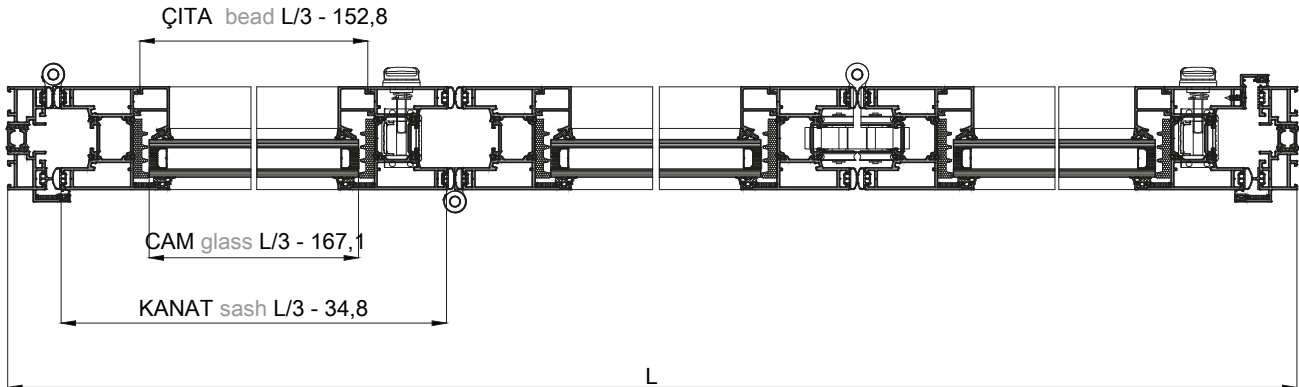
AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 206	1ad	ALT TAŞIYICI ARABA Lower carrier roller
702 204	1ad	ÜST KLAVUZ MENTEŞE Top guide hinge
702 201	10ad	ARA MENTEŞE Hingle
702 205	2tk	KITLEME SETİ Locking set
702 211	2ad	130mm MINİMAL KOL 130mm handle
702 214	9ad	SU TAHLİYE KAPAGI Water drain hole cap
702 220	1ad	ÇEKME KOL Handle
702 215	16ad	PVC KÖŞE ONBAŞI Pvc corner angle
702 213	12ad	CAM TAKOZU Glass support
702 219	2tk	ADAPTÖR ALT ve ÜST KAPAGI Pvc cap adapter

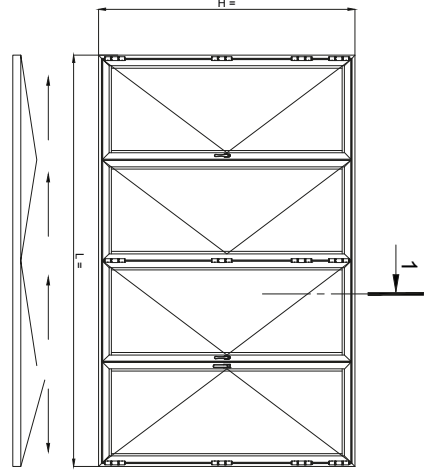
PROFİL KESİM LİSTESİ - PROFILE CUT LIST

PRF KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM ŞEKLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KASA PROFİLİ Double Track Rail Profile		H
	2ad	İKİ RAYLI KASA PROFİLİ Double Track Rail Profile		L
P 3001	6ad	DÜŞEY KANAT PROFİLİ Vertical Sash Profile		H - 80,2
	6ad	YATAY KANAT PROFİLİ Horizontal Sash Profile		L/3 - 34,8
P 1158	6ad	YATAY CAM ÇİTA PROFİLİ horizontal glazing bead profile		L/3 - 152,8
	6ad	DÜŞEY CAM ÇİTA PROFİLİ horizontal glazing bead profile		H - 242,2
702 212	2ad	INOX RAY stainless steel rail		L-42
P 3018	1ad	ADAPTÖR PROFİLİ adapter profile		H - 80
P 3018	1ad	ADAPTÖR PROFİLİ adapter profile		H - 105

CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
3 ADET kanat camı 3 piece sash glass	L/3-167,1 X H-212



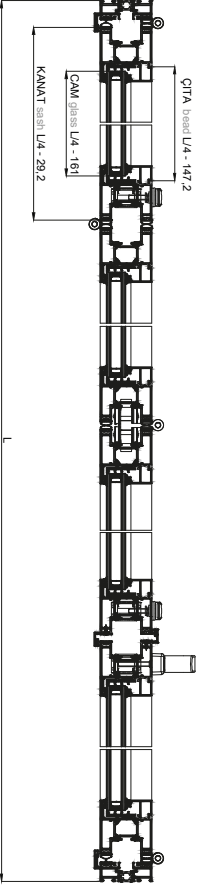


CONTALİSTESİ-GASKET LİST

CONTA KODU GASKET COD	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L	BİNİ CONTASI overlap gasket
800 104	2L	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L	DİŞ CAM CONTASI external glazing gasket
800 271	6H	6mm İÇ CAM CONTASI 6mm interor glazing gasket
800 112	2L	BİNİ CONTASI overlap gasket
800 113	2H	BİNİ CONTASI overlap gasket

PROFİL KESİM LİSTESİ - PROFILE CUT LİST

PRF. KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM SEKİLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		H
P 3001	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		L
P 1158	8ad	DÜŞEY KANAT PROFİLİ Vertical Sash Profile		H - 80,2
702 212	8ad	YATAY KANAT PROFİLİ Horizontal Sash Profile		L/4 - 29,2
P 3018	8ad	YATAY CAM ÇİTA PROFİLİ Horizontal Glazing bead profile		L/4 - 147,2
P 3018	8ad	DÜŞEY CAM ÇİTA PROFİLİ Vertical Glazing bead profile		H - 242,2
P 3018	2ad	İNOX RAY Stainless steel rail		L-42
P 3018	1ad	ADAPTOR PROFİLİ Adaptor profile		H - 80
P 3018	1ad	ADAPTOR PROFİLİ Adaptor profile		H - 105

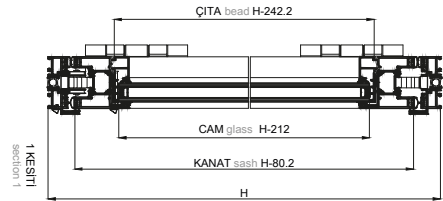


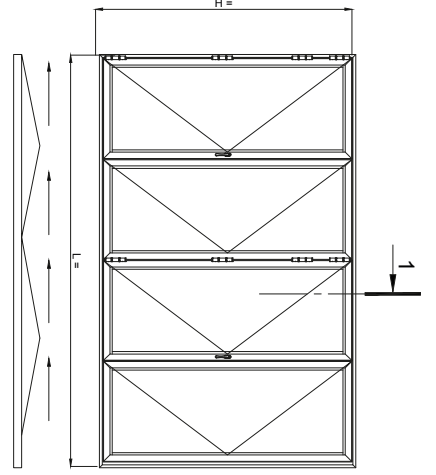
AKSESUAR LİSTESİ-ACCESSORIES LİST

AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 206	1ad	ALT TAŞIYICI ARABA Lower carrier roller
702 204	1ad	ÜST KILAVUZ MENTEŞE Top guide roller
702 201	14ad	ARA MENTEŞE Hinge
702 205	3K	KİLİME SETİ Locking set
702 211	3ad	130mm MINİMAL KOL 130mm handle
702 214	12ad	SU TAHLİYE KAPAĞI Water drain hole cap
702 220	1ad	ÇEKME KOL Handle
702 215	20ad	PVC KOŞE ONBAŞI PVC corner angle
702 213	16ad	CAM TAKOZU Glass support
702 219	2K	ADAPTOR ALT ve ÜST KAPAĞI Pvc cap adapter

CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
4 ADET kanat camı 4 piece sash glass	L/4-161 X H-212





CONTALİSTESİ-GASKET LİST

CONTA KODU GASKET COD.	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L 14H	BİNİ CONTASI overlap gasket
800 104	2L 2H	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L 6H	DİŞ CAM CONTASI external glazing gasket
800 271	2L 8H	6mm İÇ CAM CONTASI 6mm internal glazing gasket
800 112	2L 4H	BİNİ CONTASI overlap gasket
800 113	2H	BİNİ CONTASI overlap gasket

PROFİL KESİM LİSTESİ - PROFILE CUT LİST

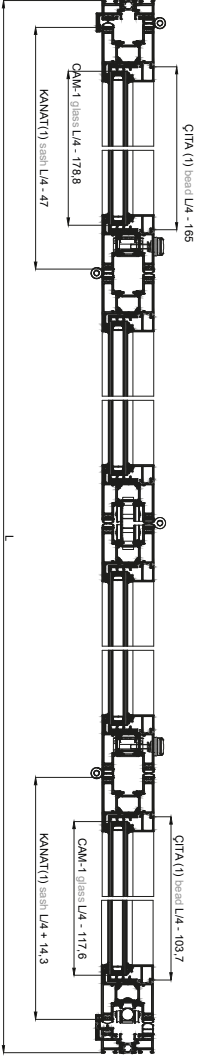
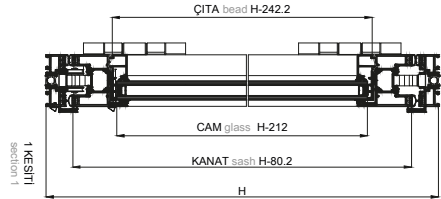
PRF. KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM SEKİLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KAŞA PROFİL IKI RAYLI KAŞA PROFİL		H
	2ad	Double Track Rail Profile		L
P 3001	8ad	DÜŞEY KANAT PROFİLİ Vertical Sash Profile		H - 80,2
	6ad	VATAY KANAT PROFİLİ Horizontal Sash Profile		L/4 - 47
	2ad	VATAY KANAT PROFİLİ Horizontal Sash Profile		L/4 + 14,3
P 1158	6ad	VATAY CAM ÇİTA PROFİLİ Horizontal Glazing Head Profile		L/4 - 165
	2ad	VATAY CAM ÇİTA PROFİLİ Horizontal Glazing Head Profile		L/4 - 103,7
	8ad	DÜŞEY CAM ÇİTA PROFİLİ Vertical Glazing Head Profile		H - 242,2
702 212	2ad	INOX RAY stainless steel rail		L-42
P 3018	1ad	ADAPTOR PROFİLİ adaptor profile		H - 80
P 3018	1ad	ADAPTOR PROFİLİ adaptor profile		H - 105

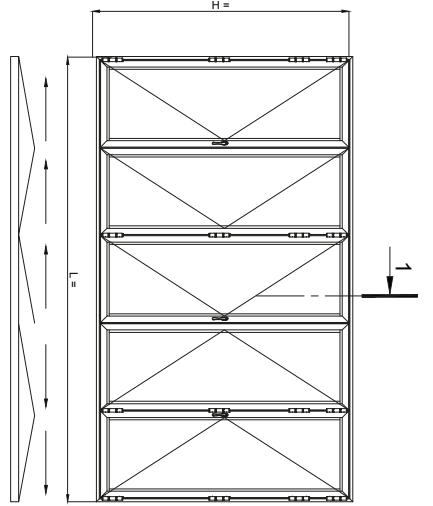
CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
3 ADET kanat camı 3 piece sash glass	L/4-178,8 X H-212
1 ADET kanat camı 1 piece sash glass	L/4-117,6 X H-212

AKSESUAR LİSTESİ-ACCESSORIES LİST

AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 206	1ad	ALT TAŞIYICI ARABA Lower roller carriage
702 204	1ad	ÜST KILAVUZ MENTEŞE Top guide roller
702 202	1ad	SÖN (ALT) TAŞIYICI ARABA End carriage
702 203	1ad	SÖN (ÜST) KILAVUZ MENTEŞE End guide roller
702 201	14ad	ARA MENTEŞE Roller
702 205	2K	KİLİME SETİ Loading set
702 211	2ad	130mm MINİMAL KOL 130mm handle
702 214	12ad	SU TAHLİYE KAPAĞI Water drain hole cap
702 220	1ad	ÇEKME KOL Handle
702 215	20ad	PVC KOŞE ONBAŞI Pvc corner angle
702 213	16ad	CAM TAKOZU Glass support





CONTALİSTESİ-GASKET LİST

CONTA KODU GASKET COD	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L	BİNİ CONTASI overlap gasket
800 104	2L	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L	DİS CAM CONTASI balcony glazing gasket
800 271	10H	6mm İÇ CAM CONTASI 6mm interor glazing gasket
800 112	4H	BİNİ CONTASI overlap gasket
800 113	2H	BİNİ CONTASI overlap gasket

PROFİL KESİM LİSTESİ - PROFILE CUT LİST

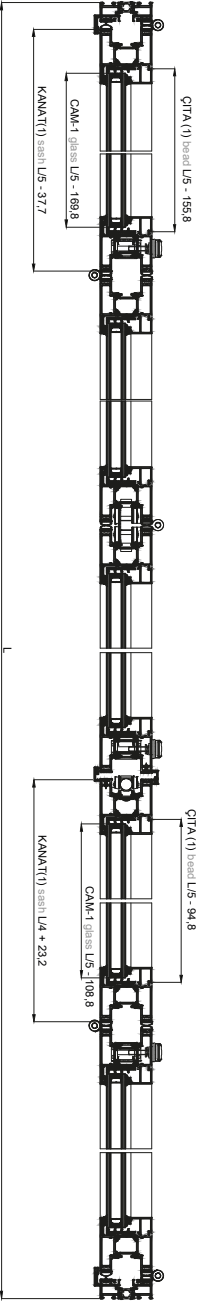
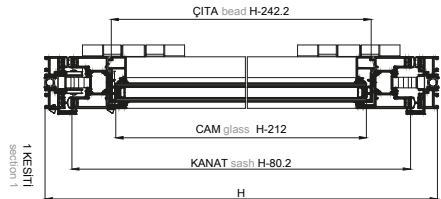
PRF. KODU PRF. COD	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM SEKİLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		H
	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		L
P 3001	10ad	DÜŞEY KANAT PROFİLİ Vertical Sash Profile		H - 80,2
	8ad	VATAY KANAT PROFİLİ Horizontal Sash Profile		L/5 - 37,7
	2ad	VATAY KANAT PROFİLİ Horizontal Sash Profile		L/5 + 23,2
P 1158	8ad	VATAY CAM ÇİTA PROFİLİ Horizontal Glazing Head Profile		L/5 - 155,8
	2ad	VATAY CAM ÇİTA PROFİLİ Horizontal Glazing Head Profile		L/5 - 94,8
	10ad	DÜŞEY CAM ÇİTA PROFİLİ Vertical Glazing Head Profile		H - 242,2
702 212	2ad	INOX RAY stainless steel rail		L-42
P 3018	1ad	ADAPTOR PROFİLİ adapter profile		H - 80
P 3018	1ad	ADAPTOR PROFİLİ adapter profile		H - 105

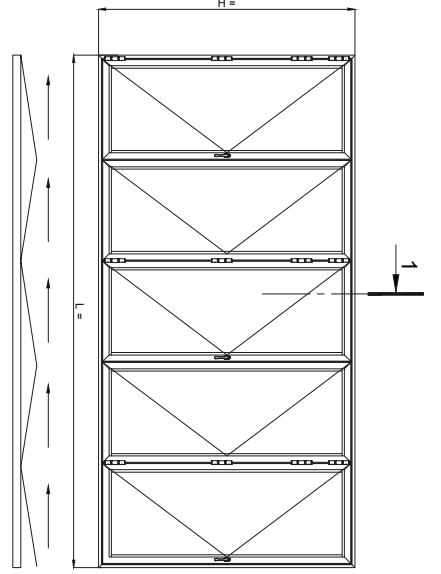
CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
4 ADET kanat camı 4 piece sash glass	L/5-169,8 X H-212
1 ADET kanat camı 1 piece sash glass	L/5-108,8 X H-212

AKSESUAR LİSTESİ-ACCESSORIES LİST

AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 206	1ad	ALT TAŞIYICI ARABA Lower roller/rocker
702 204	1ad	ÜST KILAVUZ MENTEŞE Top guide roller
702 202	1ad	SÖN (ALT) TAŞIYICI ARABA End roller
702 203	1ad	SÖN (ÜST) KILAVUZ MENTEŞE End guide roller
702 201	18ad	ARA MENTEŞE RUBBER
702 205	3K	KİLİME SETİ Loading set
702 211	3ad	130mm MINİMAL KOL 130mm handle
702 214	14ad	SU TAHLİYE KAPAĞI Water drain hole cap
702 220	1ad	ÇEKME KOL Handle
702 215	24ad	PVC KOŞE ONBAŞI Pvc corner angle
702 213	20ad	CAM TAKOZU Glass support
702 219	2K	ADAPTOR ALT ve ÜST KAPAĞI Pvc cap adapter



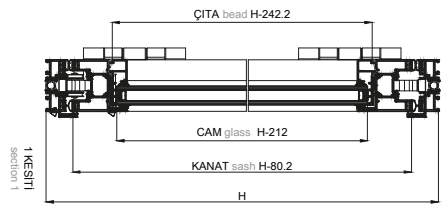


CONTALİSTESİ-GASKET LİST

CONTALİSTESİ GASKET COD.	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L	BİNİ CONTASI overlap gasket
800 104	2L	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L	DİŞ CAM CONTASI external glazing gasket
800 271	10H	6mm İÇ CAM CONTASI 6mm internal glazing gasket
800 112	2L	BİNİ CONTASI overlap gasket
800 113	2H	BİNİ CONTASI overlap gasket

AKSESUAR LİSTESİ-ACCESSORIES LİST

AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 206	2ad	ALT TAŞIYICI ARABA (lower support roller)
702 204	2ad	ÜST KLAVUZ MENTEŞE (top roller guide)
702 201	16ad	ARA MENTEŞE (middle rollers)
702 205	3tk	KİLİME SETİ (locking set)
702 211	3ad	130mm MINİMAL KOL (130mm minimal handle)
702 214	14ad	SU TAHLİYE KAPAKI (water drain hole cap)
702 220	1ad	ÇEKME KOL (handle)
702 215	20ad	PVC KOŞE ONBAŞI (PVC corner angle)
702 213	16ad	CAM TAKOZU (glass support)
702 219	1tk	ADAPTOR ALT ve ÜST KAPAKI (PVC cap adaptor)

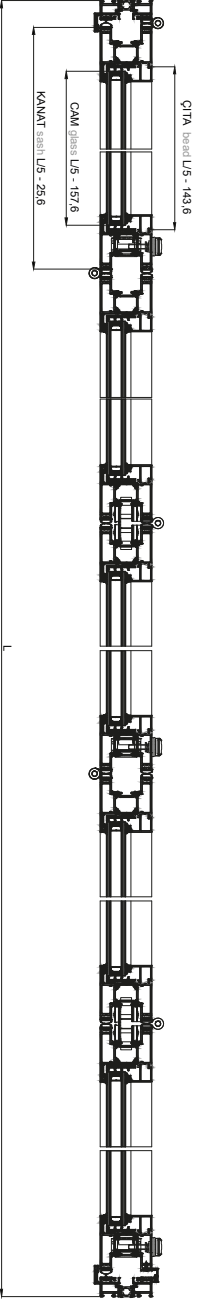


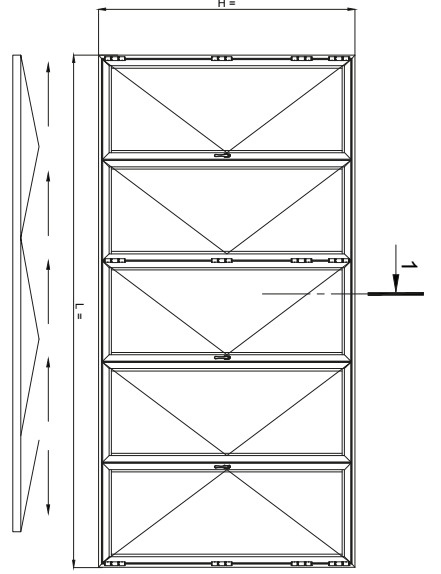
PROFİL KESİM LİSTESİ - PROFILE CUT LİST

PRF. KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM SEKİLİ SHAPE	KESİM ÖLÇÜSÜ SAVING LENGHT
P 3000	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		H
P 3001	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		L
P 1158	10ad	DÜŞEY KANAT PROFİL Vertical Sash Profile		H - 80.2
702 212	10ad	YATAY KANAT PROFİL Horizontal Sash Profile		L/5 - 25.6
P 3018	10ad	YATAY CAM ÇİTA PROFİL Horizontal Glazing Bead Profile		L/5 - 143.6
702 212	10ad	DÜŞEY CAM ÇİTA PROFİL Vertical Glazing Bead Profile		H - 242.2
P 3018	2ad	ADAPTOR PROFİL (adaptor profile)		L-42
P 3018	1ad	ADAPTOR PROFİL (adaptor profile)		H - 80

CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
5 ADET kanat camı 5 piece sash glass	L/5-157.6 X H-212





CONTALİSTESİ-GASKET LİST

CONTA KODU GASKET COD	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L 18H	BİNİ CONTASI overlap gasket
800 104	2L 2H	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L 10H	DİS CAM CONTASI balcony glazing gasket
800 271	2L 10H	6mm İÇ CAM CONTASI 6mm interior glazing gasket
800 112	2L 4H	BİNİ CONTASI overlap gasket
800 113	2H	BİNİ CONTASI overlap gasket

PROFİL KESİM LİSTESİ - PROFILE CUT LİST

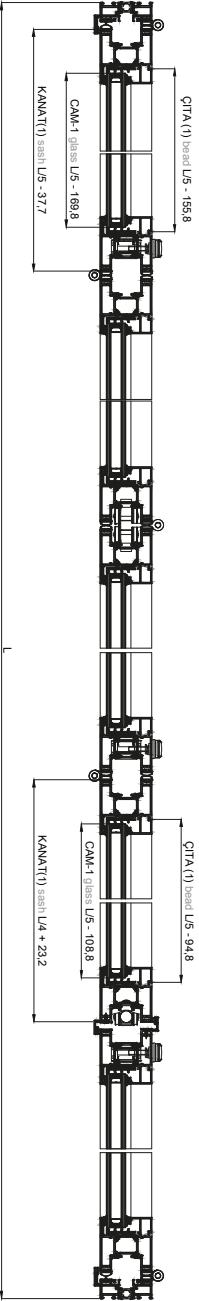
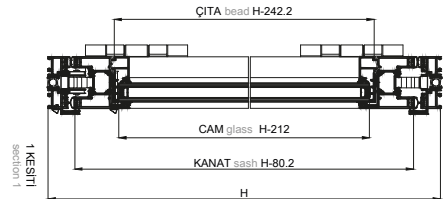
PRF. KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM SEKİLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		H
	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		L
P 3001	10ad	DÜŞEY KANAT PROFİLİ Vertical Sash Profile		H - 80,2
	8ad	VATAY KANAT PROFİLİ Horizontal Sash Profile		L/5 - 37,7
	2ad	VATAY KANAT PROFİLİ Horizontal Sash Profile		L/5 + 23,2
P 1158	8ad	VATAY CAM ÇİTA PROFİLİ Horizontal Glazing Head Profile		L/5 - 155,8
	2ad	VATAY CAM ÇİTA PROFİLİ Horizontal Glazing Head Profile		L/5 - 94,8
	10ad	DÜŞEY CAM ÇİTA PROFİLİ Vertical Glazing Head Profile		H - 242,2
702 212	2ad	INOX RAY stainless steel rail		L-42
P 3018	1ad	ADAPTOR PROFİLİ adaptor profile		H - 80
P 3018	1ad	ADAPTOR PROFİLİ adaptor profile		H - 105

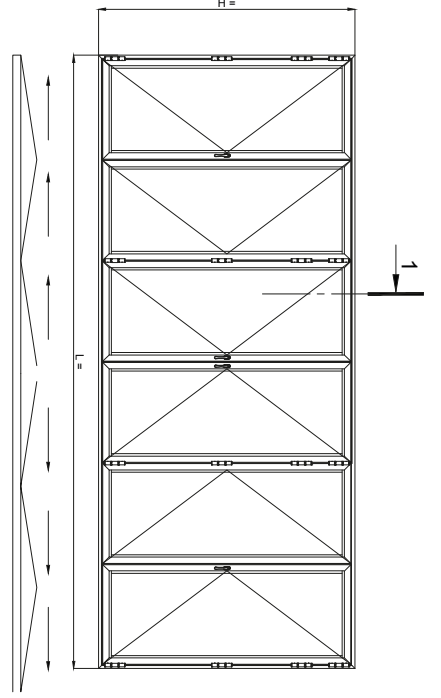
CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
4 ADET kanat camı 4 piece sash glass	L/5-169,8 X H-212
1 ADET kanat camı 1 piece sash glass	L/5-108,8 X H-212

AKSESUAR LİSTESİ-ACCESSORIES LİST

AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 206	1ad	ALT TAŞIYICI ARABA Lower roller
702 204	1ad	ÜST KILAVUZ MENTEŞE Top guide roller
702 202	1ad	SÖN (ALT) TAŞIYICI ARABA End roller
702 203	1ad	SÖN (ÜST) KILAVUZ MENTEŞE End guide roller
702 201	18ad	ARA MENTEŞE Hinge
702 205	3K	KİLİME SETİ Loading set
702 211	3ad	130mm MINİMAL KOL 130mm handle
702 214	14ad	SU TAHLİYE KAPAĞI Water drain hole cap
702 220	1ad	ÇEKME KOL Handle
702 215	24ad	PVC KOŞE ONBAŞI Pvc corner angle
702 213	20ad	CAM TAKOZU Glass support
702 219	2K	ADAPTOR ALT ve ÜST KAPAĞI Pvc cap adaptor





CONTALİSTESİ-GASKET LİST

CONTALİSTESİ GASKET LİST	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L - 22H	BİNİ CONTASI overlap gasket
800 104	2L - 2H	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L - 12H	DİŞ CAM CONTASI outer glass gasket
800 271	2L - 12H	6mm İÇ CAM CONTASI 6mm inner glass gasket
800 112	2L - 4H	BİNİ CONTASI overlap gasket
800 113	2H	BİNİ CONTASI overlap gasket

PROFİL KESİM LİSTESİ - PROFILE CUT LİST

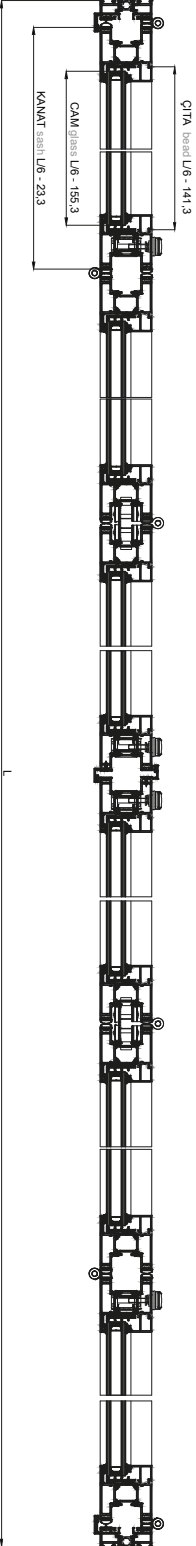
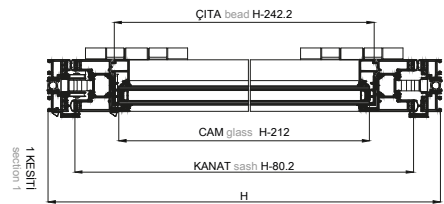
PRF. KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM SEKİLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		H
P 3001	2ad	DÜŞEY KANAT PROFİL Vertical Sash Profile		L
P 1158	10ad	YATAY KANAT PROFİL Horizontal Sash Profile		H - 80,2
P 1158	10ad	YATAY CAM ÇİTA PROFİL Horizontal Glazing Bead Profile		L/6 - 141,3
P 1158	10ad	DÜŞEY CAM ÇİTA PROFİL Vertical Glazing Bead Profile		H - 242,2
702 212	2ad	İKİ RAYLI ADAPTOR PROFİL Double Rail Adaptor Profile		L-42
P 3018	1ad	ADAPTOR PROFİL Adaptor Profile		H - 80
P 3018	1ad	ADAPTOR PROFİL Adaptor Profile		H - 105

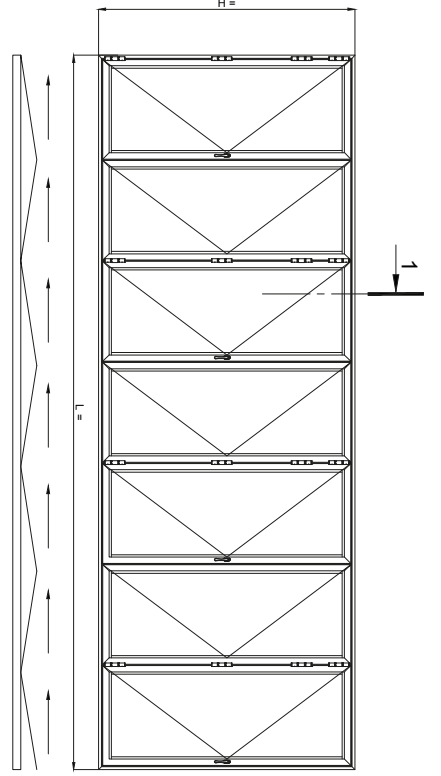
AKSESUAR LİSTESİ-ACCESSORIES LİST

AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 206	2ad	ALT TAŞIYICI ARABA Lower Roller Carriage
702 204	2ad	ÜST KILAVUZ MENTEŞE Top Guide Hinge
702 201	20ad	ARA MENTEŞE Middle Hinge
702 205	4K	KİLİME SETİ Locking Set
702 211	4ad	130mm MINİMAL KOL 130mm Minimal Handle
702 214	16ad	SU TAHLİYE KAPAĞI Water Drain Hole Cap
702 220	2ad	ÇEKME KOL Handle
702 215	28ad	PVC KOŞE ONBAŞI PVC Corner Angle
702 213	24ad	CAM TAKOZU Glass Support
702 219	2K	ADAPTOR ALT ve ÜST KAPPAĞI PVC cap adapter

CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
6 ADET kanat camı 6 piece sash glass	L/6-155,3 X H-212





CONTALİSTESİ-GASKET LİST

CONTALİSTESİ GASKET LİST	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L	BİNİ CONTASI overlap gasket
800 104	2L	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L	DİŞ CAM CONTASI outer glazing gasket
800 271	14H	6mm İÇ CAM CONTASI 6mm inner glazing gasket
800 112	3H	BİNİ CONTASI overlap gasket
800 113	H	BİNİ CONTASI overlap gasket

PROFİL KESİM LİSTESİ - PROFILE CUT LIST

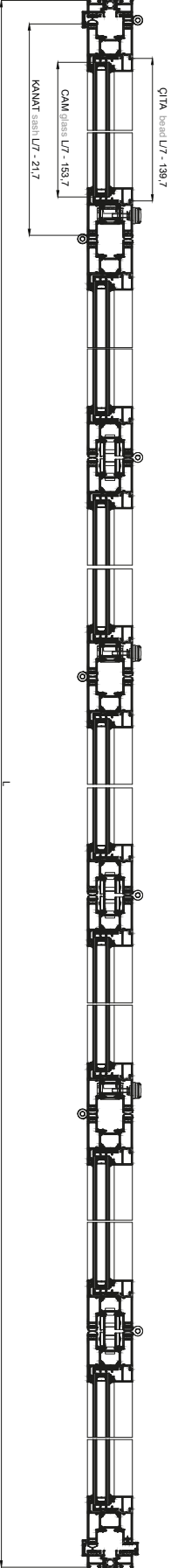
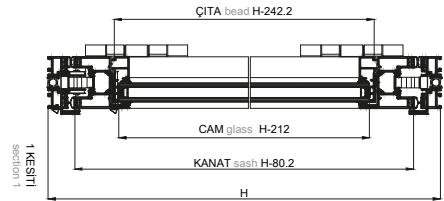
PRF. KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM SEKİLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		H
P 3001	2ad	DÜŞEY KANAT PROFİL Vertical Sash Profile		L
P 1158	10ad	YATAY KANAT PROFİL Horizontal Sash Profile		H - 80,2
702 212	10ad	YATAY CAM ÇİTA PROFİL YATAY CAM ÇİTA PROFİL		L7 - 139,7
P 3018	1ad	ADAPTOR PROFİL ADAPTOR PROFİL		H - 242,2
P 3018	1ad	ADAPTOR PROFİL ADAPTOR PROFİL		L-42
P 3018	1ad	ADAPTOR PROFİL ADAPTOR PROFİL		H - 80
P 3018	1ad	ADAPTOR PROFİL ADAPTOR PROFİL		H - 105

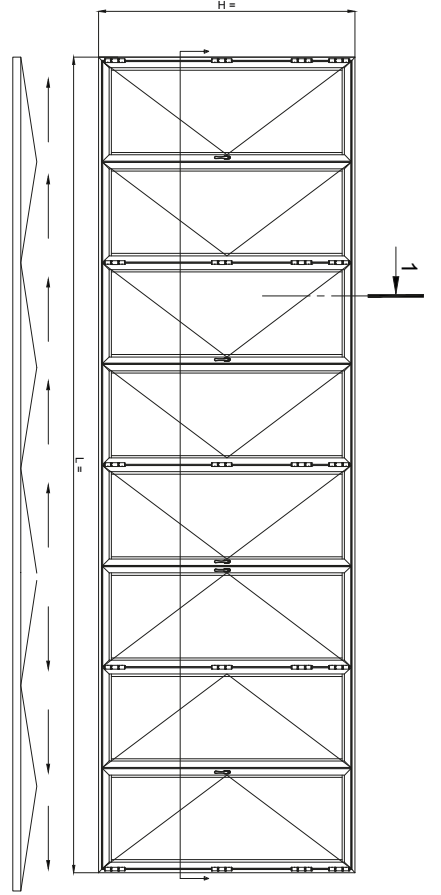
AKSESUAR LİSTESİ-ACCESSORIES LİST

AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 206	3ad	ALT TAŞIYICI ARABA Lower roller roller
702 204	3ad	ÜST KILAVUZ MENTEŞE Upper guide roller
702 201	22ad	ARA MENTEŞE Middle roller
702 205	4K	KİLİME SETİ Locking set
702 211	4ad	130mm MINİMAL KOL 130mm handle
702 214	18ad	SU TAHLİYE KAPAĞI Water drain hole cap
702 220	3ad	ÇEKME KOL Handle
702 215	32ad	PVC KOŞE ONBAŞI PVC corner angle
702 213	28ad	CAM TAKOZU CAM support
702 219	1K	ADAPTOR ALT ve ÜST KAPAĞI PVC cap adapter

CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
6 ADET kanat camı 6 piece sash glass	L7-153,7 X H-212





CONTALİSTESİ-GASKET LİST

CONTALİSTESİ GASKET COD.	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
800 105	6L 30H	BİNİ CONTASI overlap gasket
800 104	2L 2H	KANAL KAPATMA CONTASI channel closing gasket
800 218	2L 16H	DİŞ CAM CONTASI external glazing gasket
800 271	2L 16H	İÇ CAM CONTASI internal glazing gasket
800 112	2L 4H	BİNİ CONTASI overlap gasket
800 113	2H	BİNİ CONTASI overlap gasket

PROFİL KESİM LİSTESİ - PROFILE CUT LIST

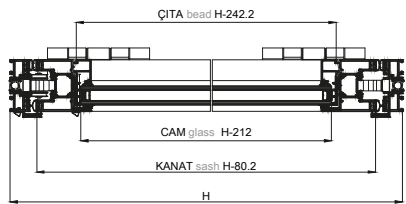
PRF. KODU PRF. COD.	MIKTAR QUANTITY	PROFİL TANIMI PROFILE DESCRIPTION	KESİM SEKİLİ SHAPE	KESİM ÖLÇÜSÜ SAWING LENGHT
P 3000	2ad	İKİ RAYLI KAŞA PROFİL Double Track Rail Profile		H
P 3001	2ad	DÜŞEY KANAT PROFİL Vertical Sash Profile		L
P 1158	10ad	YATAY KANAT PROFİL Horizontal Sash Profile		H - 80,2
P 1158	10ad	YATAY CAM ÇİTA PROFİL Horizontal Glazing Bead Profile		L/8 - 138,5
P 1158	10ad	DÜŞEY CAM ÇİTA PROFİL Vertical Glazing Bead Profile		H - 242,2
702 212	2ad	İKİ RAYLI ADAPTOR PROFİL Double Track Rail Adaptor Profile		L-42
P 3018	1ad	ADAPTOR PROFİL adaptor profile		H - 80
P 3018	1ad	ADAPTOR PROFİL adaptor profile		H - 105

AKSESUAR LİSTESİ-ACCESSORIES LİST

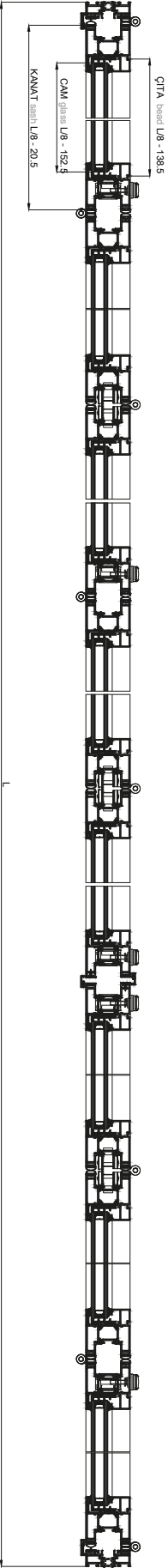
AKSESUAR ACCESSORIES	MIKTAR QUANTITY	MALZEME TANIMI MATERIAL DESCRIPTION
702 206	3ad	ALT TAŞIYICI ARABA Lower Roller Carriage
702 204	3ad	ÜST KILAVUZ MENTEŞE Top Guide Roller
702 201	26ad	ARA MENTEŞE Middle Roller
702 205	5K	KİLİME SETİ Locking Set
702 211	5ad	130mm MINİMAL KOL 130mm Minimal Handle
702 214	20ad	SU TAHLİYE KAPAKI Water Drain Hole Cap
702 220	4ad	ÇEKME KOL Handle
702 215	36ad	PVC KOŞE ONBASI PVC corner angle
702 213	32ad	CAM TAKOZU Glass support
702 219	2K	ADAPTOR ALT ve ÜST KAPAKI Pvc cap adaptor

CAM SİPARİŞİ- GLASS ORDER

MIKTAR QUANTITY	FORMÜLASYON FORMULA
8 ADET kanat camı 8 piece sash glass	L/8-152,5 X H-212



1 KESİTİ
section 1



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