

UNIQUE Max

KALDIR ve SÜR KAPI SİSTEMİ

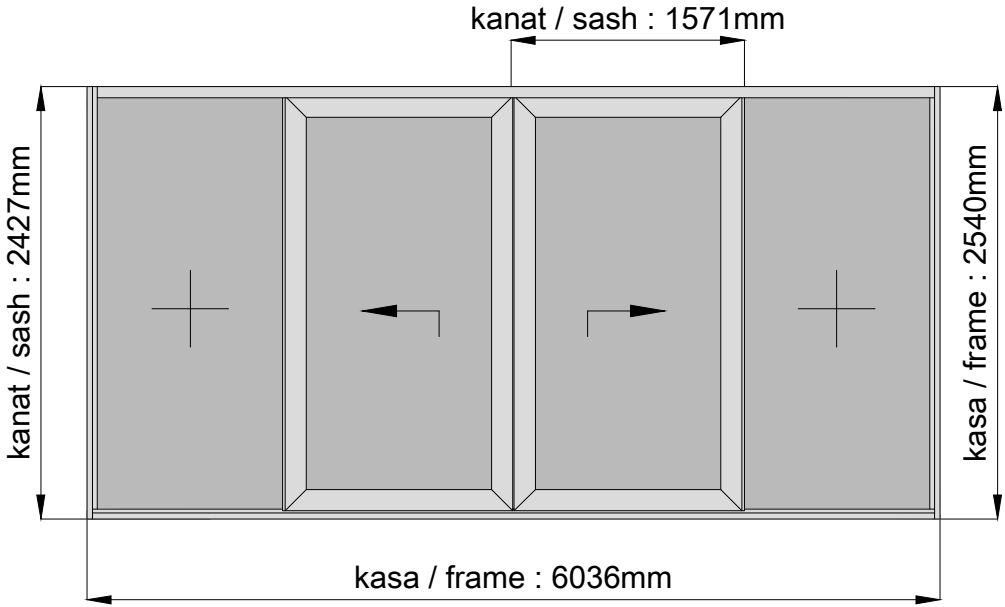
LIFT&SLIDE DOOR SYSTEM

X	PERFORMANS ve ISI HESAPLARI PERFORMANCE and THERMAL CALCULATIONS.....	X-01 / X-09
A	KANAT için STATİK DİAGRAM STATICAL DIAGRAM for SASH	A-01 / A-24
B	ALUMİNYUM PROFİLLER ALUMINIUM PROFILES	B-01 / B-09
C	CAM MONTAJ TALİMATI GLAZING ASSEMBLY	C-01 / C-04
D	CONTALAR GASKETS	D-01 / D-02
E	AKSESUARLAR ACCESSORIES	E-01 / E-10
F	PLASTİK PROFİLLER PLASTIC PROFILES	F-01
G	UYGULANABİLİR AÇILIM TİPLERİ APPLICABLE OPENING TIPOLOGIES	G-01 / G-04
H	TAM ÖLÇEKLİ PROFİLLER FULL SCALE PROFILES.....	H-01 / H-25
J	PRENSİP SİSTEM DETAYLARI PRINCIPAL SECTIONS	J-01 / J-86
K	ÜRETİM TALİMATLARI MANUFACTURING INSTRUCTIONS.....	K-01 / K-95
L	KESİM LİSTELERİ CUTTING LISTS.....	L-01 / L-29

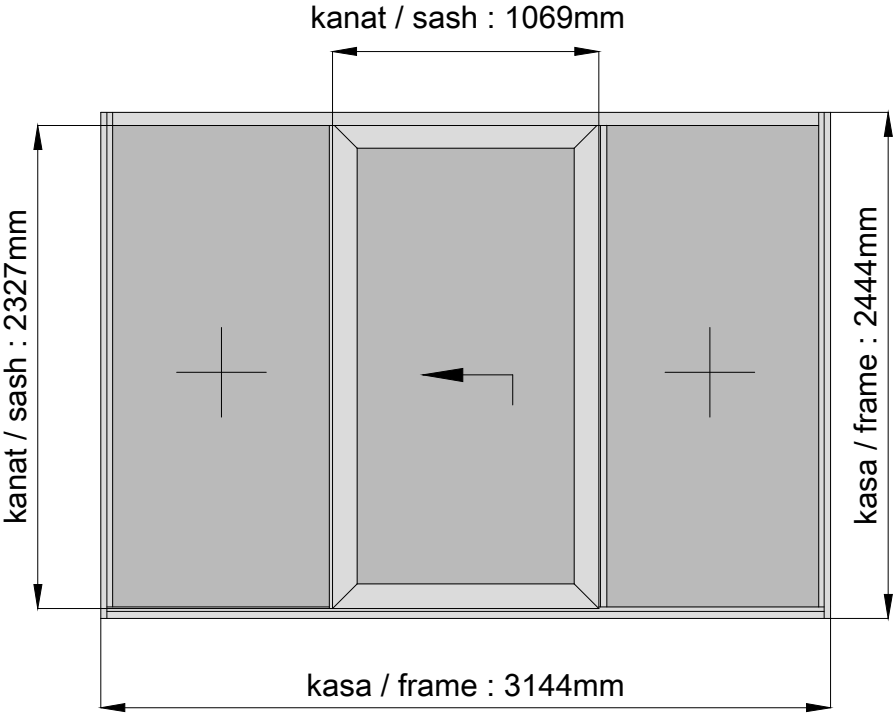
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LIFT&SLIDE DOOR SYSTEM

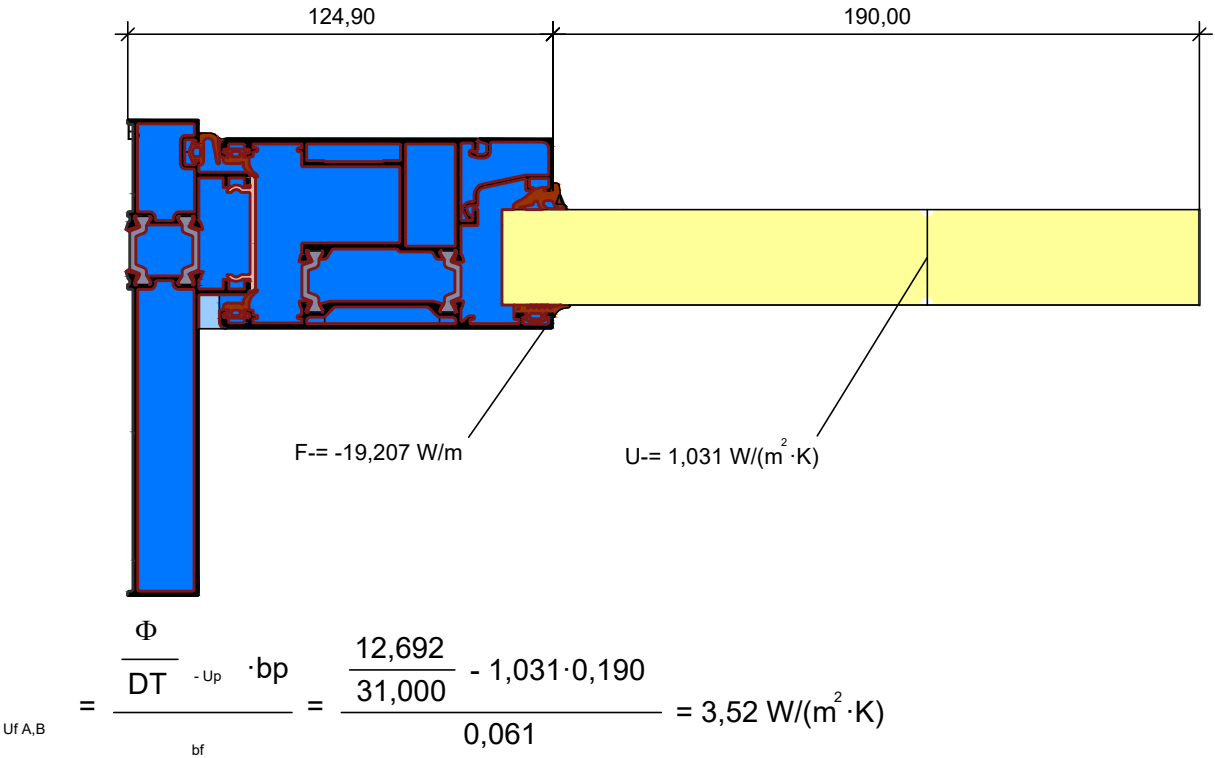
PERFORMANS ve THERMAL HESAPLAR
PERFORMANCE and THERMAL
CALCULATIONS

LIFT&SLIDE KAPI SİSTEMİ LIFT&SLIDE DOORSYSTEM

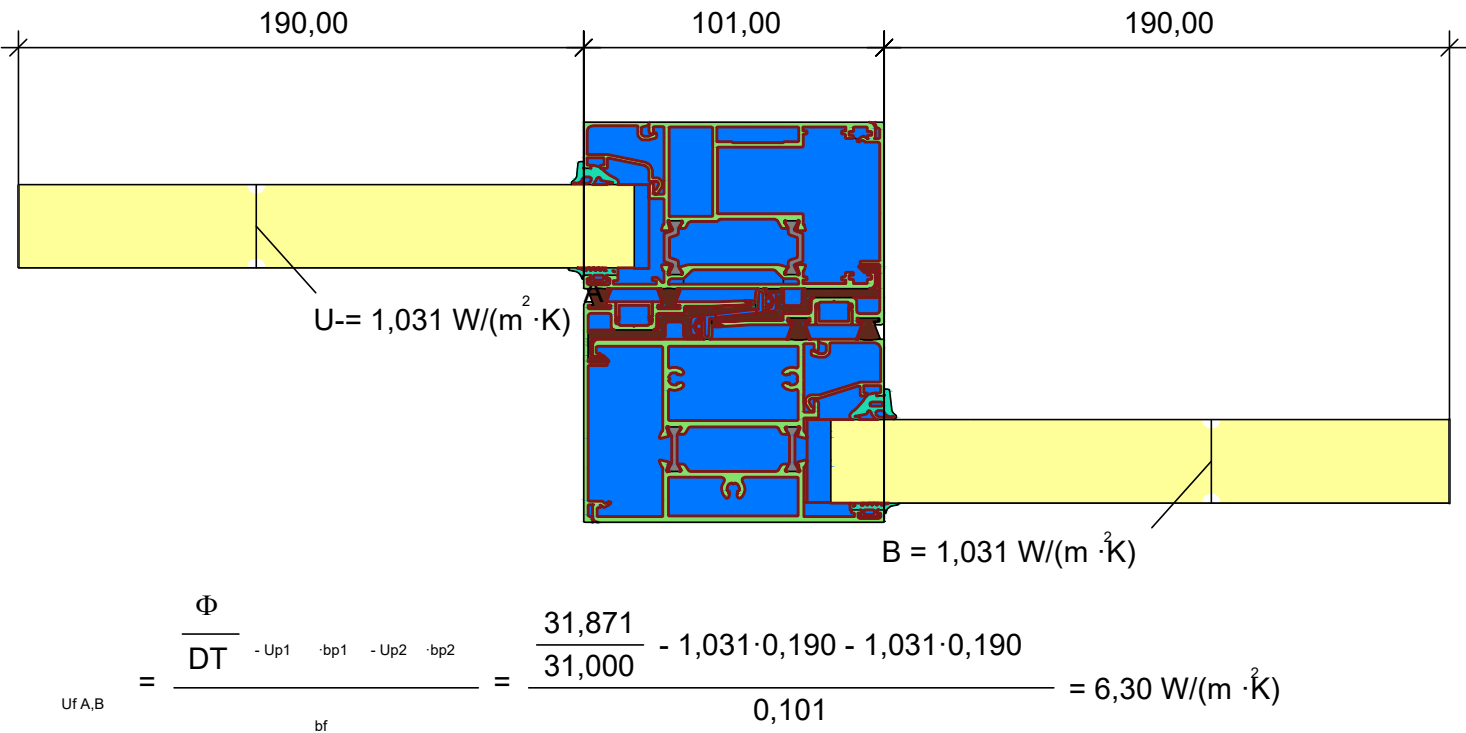
PERFORMANS TESTİ - performance test	
 The diagram shows a cross-section of a lift&slide door system. The sash (kanat / sash) has a width of 1571mm and a height of 2427mm. The frame (kasa / frame) has a width of 6036mm and a height of 2540mm. The sash is shown in two positions: closed (left) and open (right). The frame is shown in two positions: closed (left) and open (right). The sash is shown in two positions: closed (left) and open (right). The frame is shown in two positions: closed (left) and open (right).	
TS EN 12207 - HAVA GEÇİRGENLİĞİ TS EN 12207 - air permeability	A 4 (±600pa) 600pascal
TS EN 12208 - SU SIZDIRMAZLIĞI TS EN 12208 - water tightness	E 900 (±900pa) 900pascal
TS EN 12210 - RÜZGAR YÜKÜ DAYANIMI TS EN 12210 - resistance to design wind load	B5 (2000pa) 2000pascal
TS EN 12210 - GÜVENLİK YÜKÜNE DAYANIMI TS EN 12210 - resistance to safety load	(3000pa) 3000pascal
LABORATUAR ve TEST RAPORU NUMARASI Laboratory and test report number	FTI facade testing institute 160.1708.1/2022

LIFT&SLIDE KAPI SİSTEMİ LIFT&SLIDE DOORSYSTEM

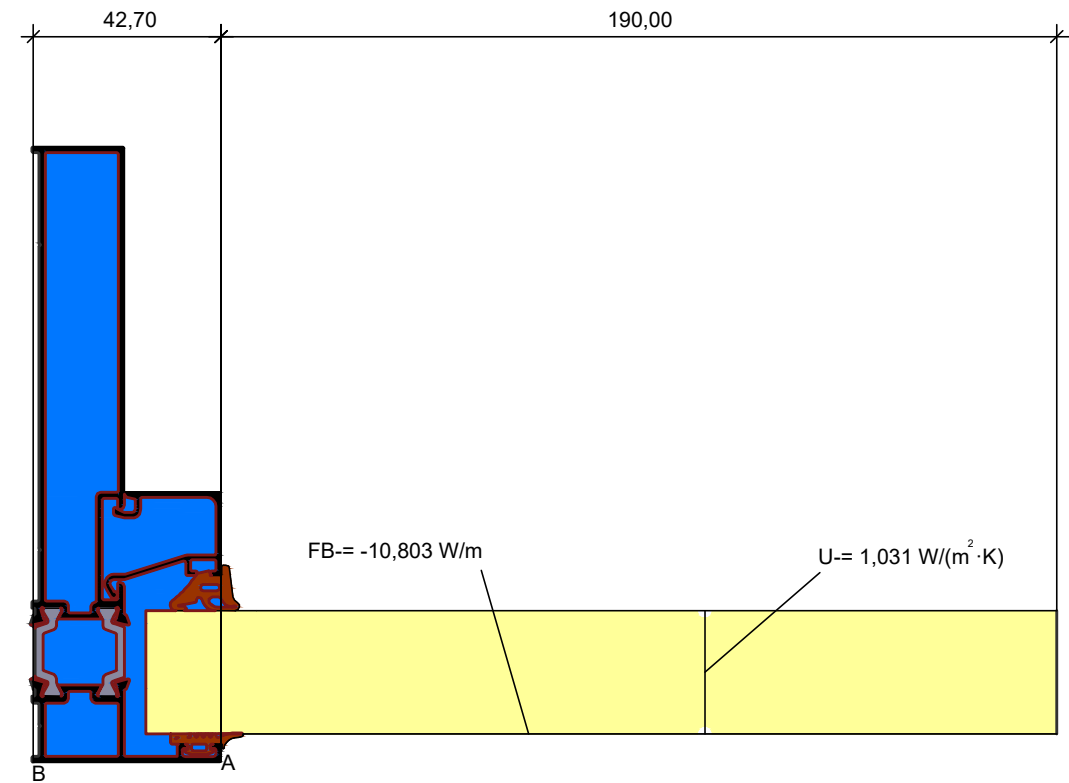
PERFORMANS TESTİ - performance test	
 The diagram shows a cross-section of a lift&slide door system. It consists of three main parts: a central sash (kanat) and two side frames (kasa). The sash has a width of 1069mm and a height of 2327mm. The frames have a width of 3144mm and a height of 2444mm. The sash is shown in a partially open position, indicated by an arrow pointing to the left. The frames are shown in a closed position, indicated by a cross symbol.	
TS EN 12207 - HAVA GEÇİRGENLİĞİ TS EN 12207 - air permability	A 4 (± 600 pa) 600pascal
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TS EN 12210 - GÜVENLİK YÜKÜNE DAYANIMI TS EN 12210 - resistance to safety load	(3000pa) 3000pascal
LABORATUAR ve TEST RAPORU NUMARASI Laboratory and test report number	FTI facade testing institute 020.1671.1/2021



Material	l[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	-9,000		0,040	
PVC (polyvinylchloride), rigid	0,170	0,900		Interior, frame, normal	22,000		0,130	
Panel	0,035	0,900		Interior, frame, reduced	22,000		0,200	
Polyamid 6.6 with 25% glass fibre	0,300	0,900		Symmetry/Model section	0,000			
Unventilated air cavity	anisotropic							

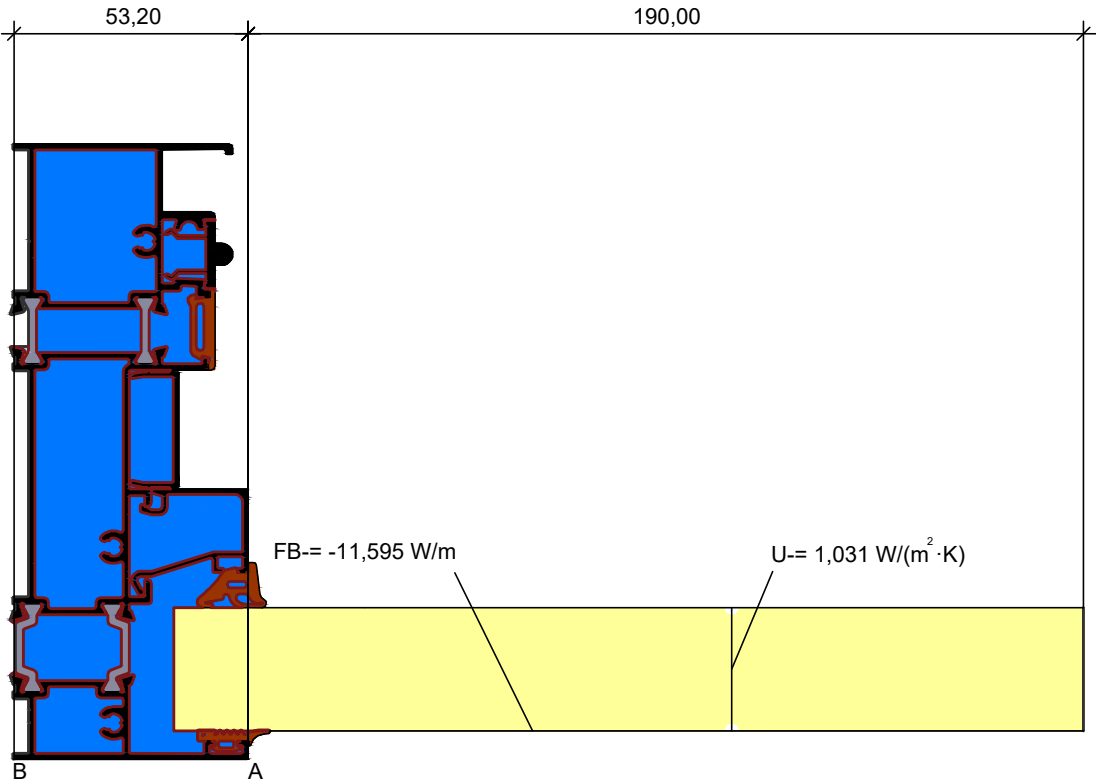


Material	I[W/(m·K)]	ε	Boundary Condition	q[W/m²]	q[C°]	R[(m·K)²/W]	ε
Aluminium (Si alloys)	160,000	0,900	Epsilon 0.9				0,900
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Panel	0,035	0,900	Interior, frame, reduced	22,000		0,200	
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Symmetry/Model section	0,000			
Unventilated air cavity	anisotropic						



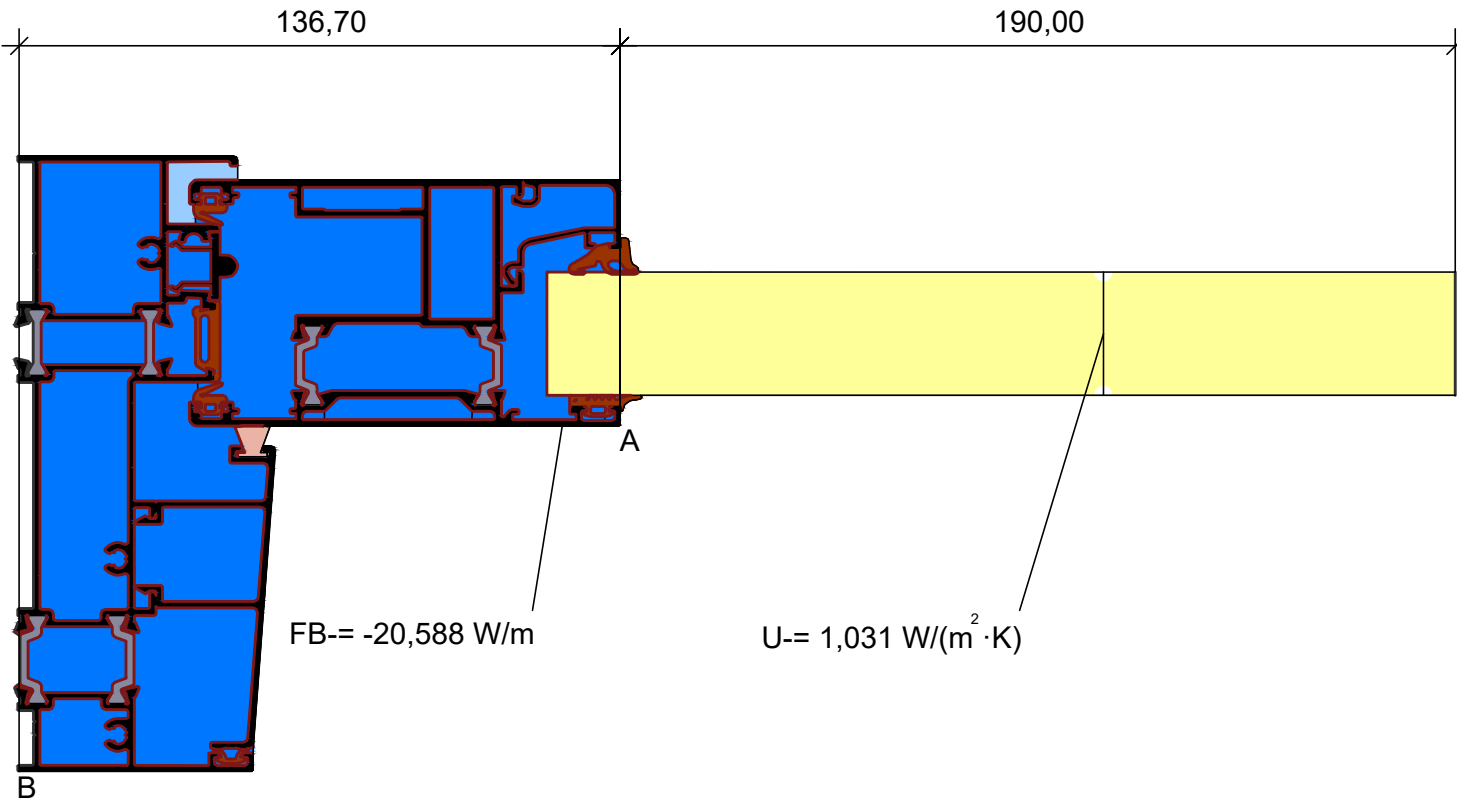
$$U_{f A,B} = \frac{\frac{\Phi}{DT} \cdot b_p}{b_f} = \frac{\frac{10,803}{31,000} - 1,031 \cdot 0,190}{0,043} = 3,57 \text{ W/(m}^2 \cdot \text{K)}$$

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
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Unventilated air cavity	anisotropic						

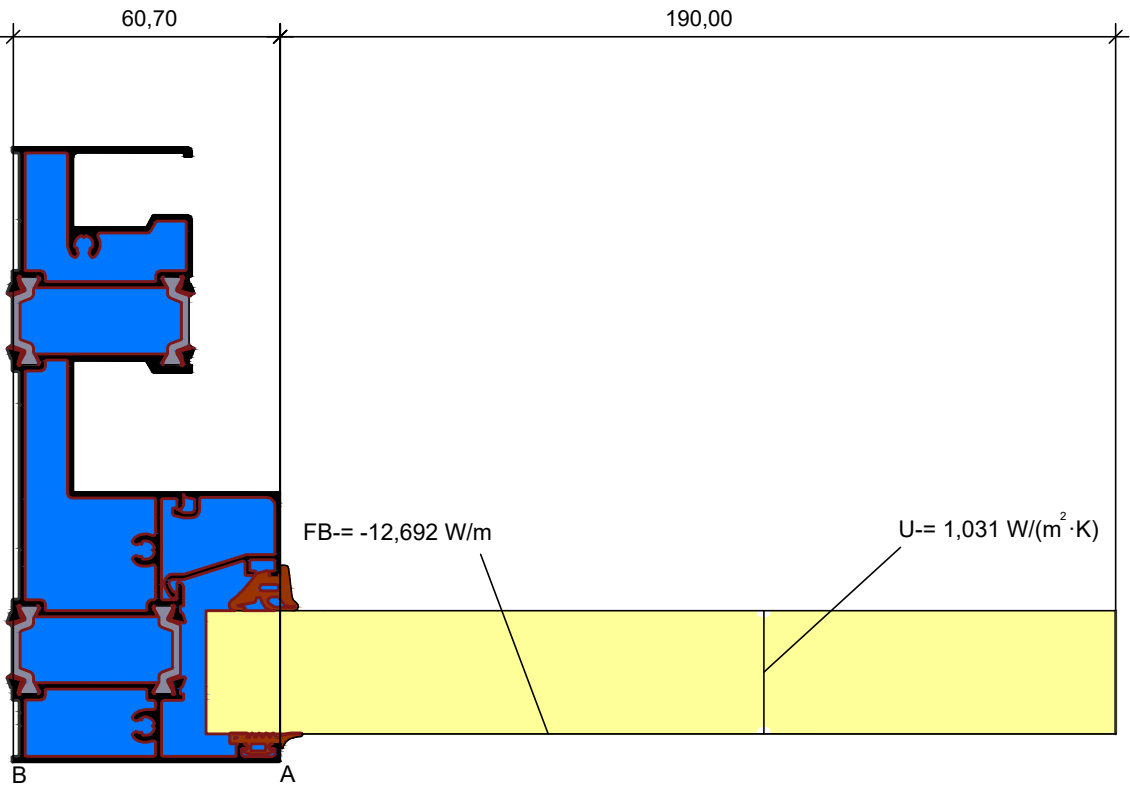


$$U_{f\,A,B} = \frac{\frac{\Phi}{DT} \cdot b_p}{b_f} = \frac{\frac{11,595}{31,000} - 1,031 \cdot 0,190}{0,053} = 3,35 \text{ W/(m}^2 \cdot \text{K)}$$

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	-9,000		0,040	
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Unventilated air cavity	anisotropic						

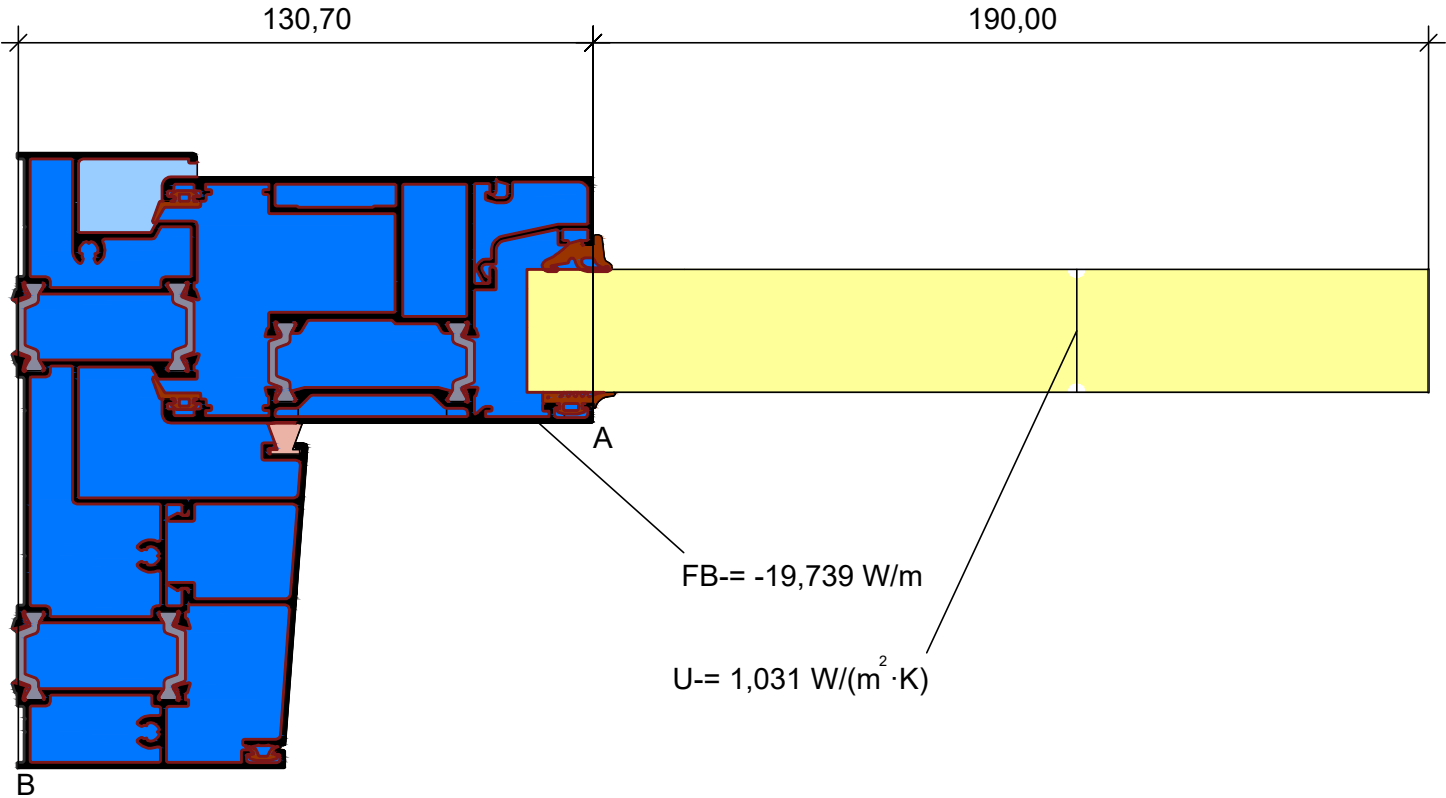


Material	I[W/(m·K)]	ε	Boundary Condition	q[W/m ²]	q[C°]	R[(m · K) ² /W]	ε
Aluminium (Si alloys)	160,000	0,900	Epsilon 0.9				0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900	Exterior, frame	-9,000		0,040	
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Panel	0,035	0,900	Interior, frame, reduced	22,000		0,200	
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Symmetry/Model section	0,000			
Unventilated air cavity	anisotropic						



$$U_{fA,B} = \frac{\frac{\Phi}{DT} \cdot bp}{bf} = \frac{\frac{12,692}{31,000} - 1,031 \cdot 0,190}{0,061} = 3,52 \text{ W/(m}^2 \cdot \text{K)}$$

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	-9,000		0,040	
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Panel	0,035	0,900	Interior, frame, reduced	22,000		0,200	
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Symmetry/Model section	0,000			
Unventilated air cavity	anisotropic						

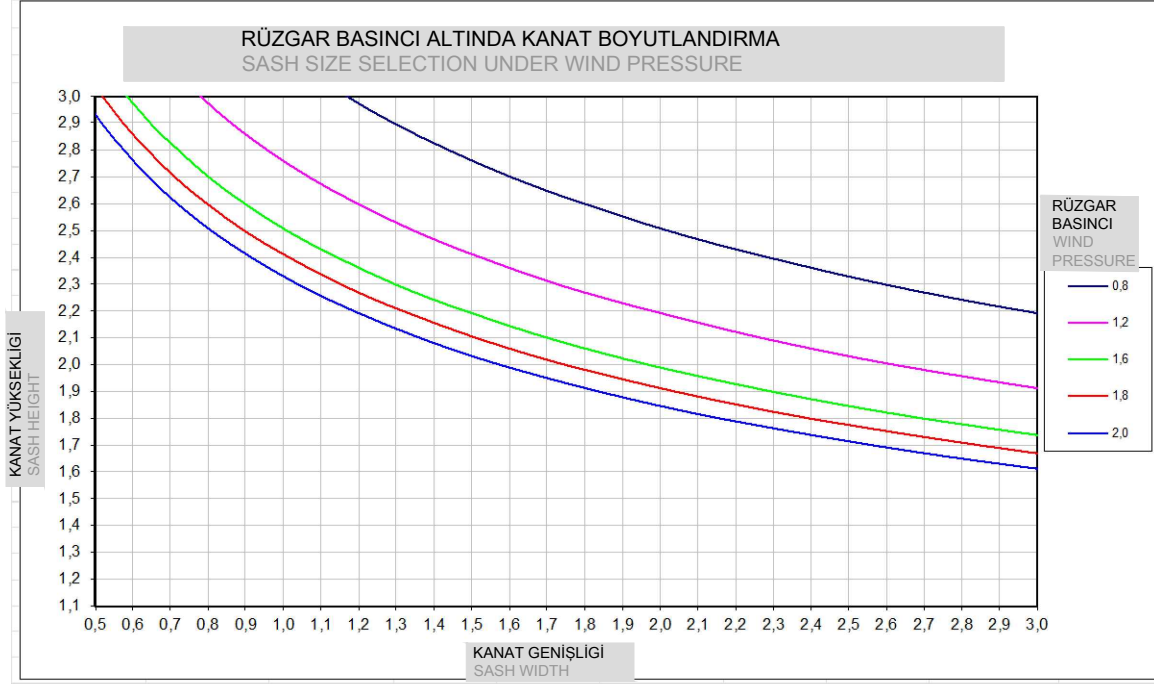


$$U_{f\,A,B} = \frac{\frac{\Phi}{DT} - U_p \cdot b_p}{b_f} = \frac{\frac{19,739}{31,000} - 1,031 \cdot 0,190}{0,131} = 3,37\, W/(m^2 \cdot K)$$

Material	l[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
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Polyamid 6.6 with 25% glass fibre	0,300	0,900		Symmetry/Model section	0,000			
Unventilated air cavity	anisotropic							

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LIFT&SLIDE DOOR SYSTEM

KANAT için STATİK DİAGRAM
STATICAL DIAGRAM for SASH



KANAT STATİK DİAGRAM
STATICAL DIAGRAM for SASH

KANAT AĞIRLIĞI : 400kg
SASH WEIGHT : 400kg

SEHİM LİMİTİ L/200 yada 15mm dir.

FARKLI RENKLİ EGRİSEL ÇİZGİLER, FARKLI RÜZGAR BASINCLARI ALTINDA, UYGULANABİLİR MAKSİMUM KANAT BOYUTLARINI GÖSTERİR.

ÜSTTEKİ TABLOYA GÖRE SEÇİLEN KANAT BOYUTU, CAM TEDARİKÇİSİNE BİLDİRİLEREK, İZİN VERİLEN BOYUT ve SEHİMİN, SEÇİLEN

CAMA UYGUN OLUP OLMADIĞI TEYİD EDİLMELİ ve ONAY ALINMALIDIR.

DİKKAT:

Bu statik hesap şeması ön yapısal hesaplamalar ve profil seçimi için tasarlanmıştır.

Bu şema nihai yapısal hesaplama için bir alternatif değildir, Statik Rapor olarak kullanılamaz.

Statik Hesaplar Mutlaka Uygulamacı Tarafından Yapılmalıdır.

DEFLECTION LIMIT L / 200 or 15mm.

THE LINE SHOW MAXIMUM SIZES FOR THE INDICATE PRESSURE.

VERIFY THAT THE DEFLECTION OF THE SECTION IS COMPATIBLE WITH THE EMPLOYED GLASS.

DIN EN 12210 for the standard building area

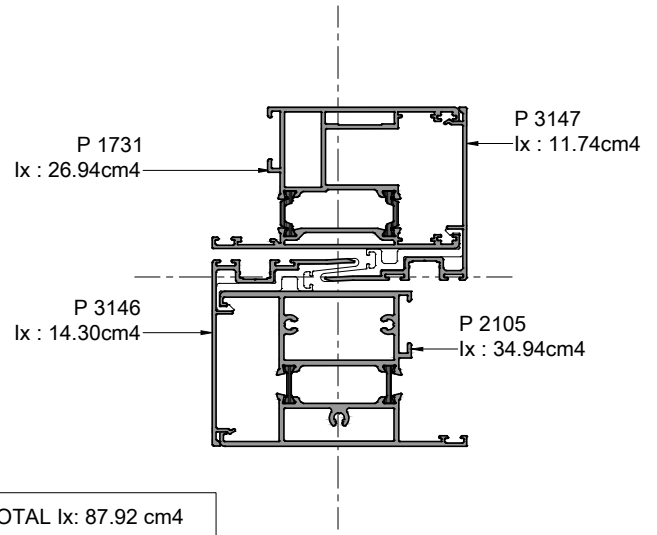
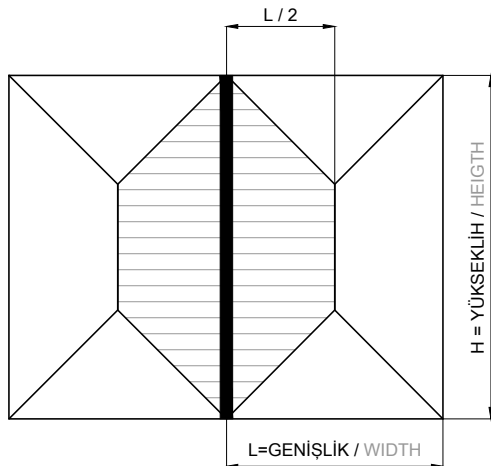
Deflection limit L/200 or max. 15mm in accordance with TRLV

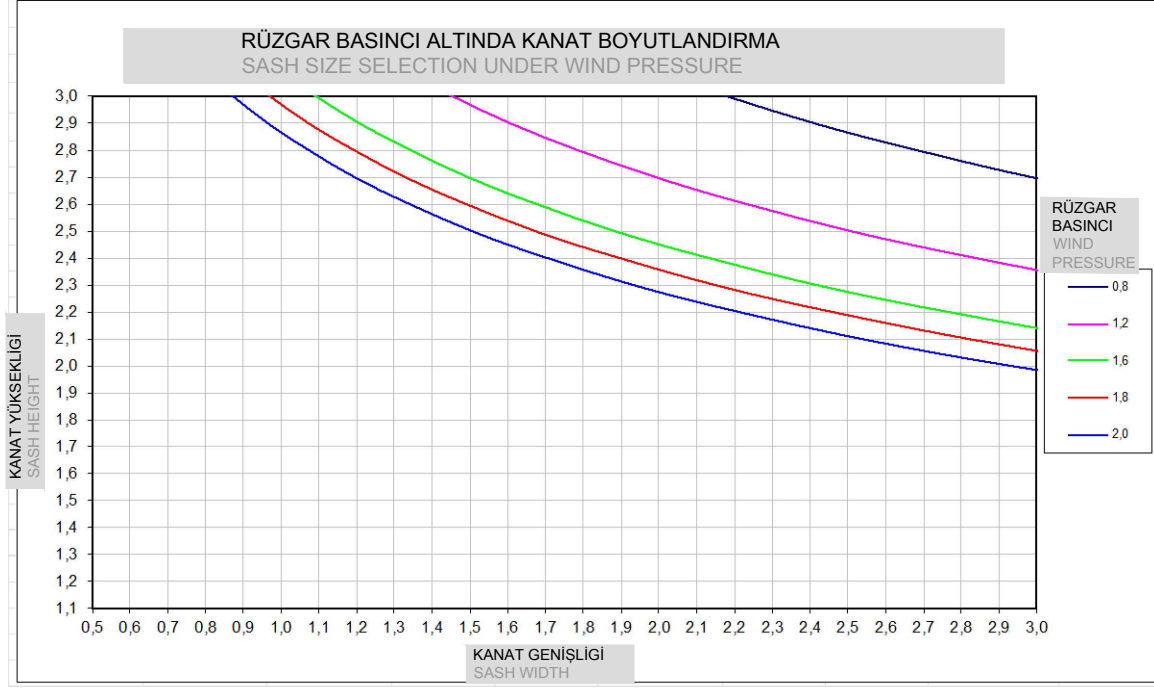
Differing deflection limits set by the double glazing manufacturer must be observed.

These statics diagram are intended for preliminary structural calculations and profile selection.

This is not a substitute for a final structural calculation.

Sash sizes below the line are structurally adequate.





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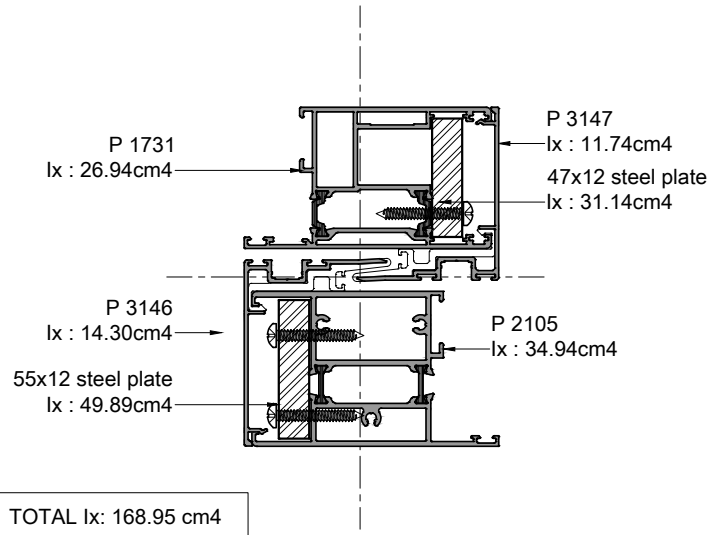
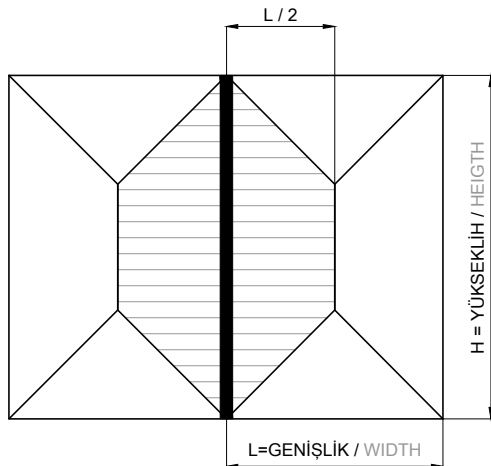
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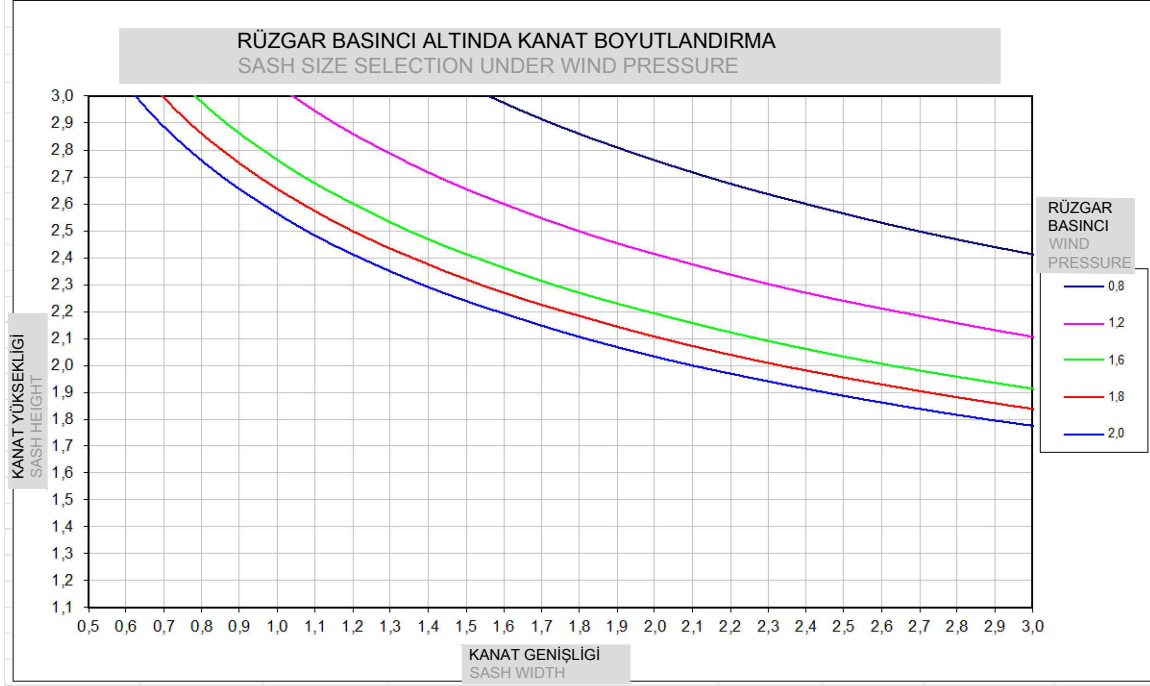
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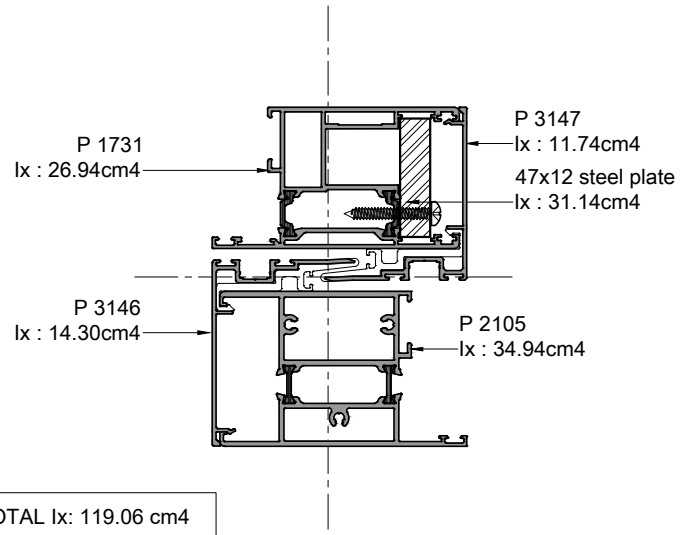
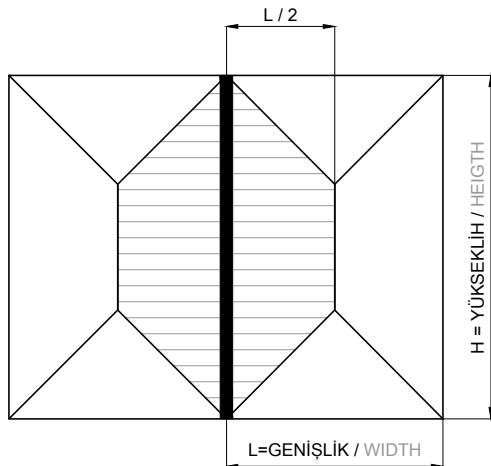
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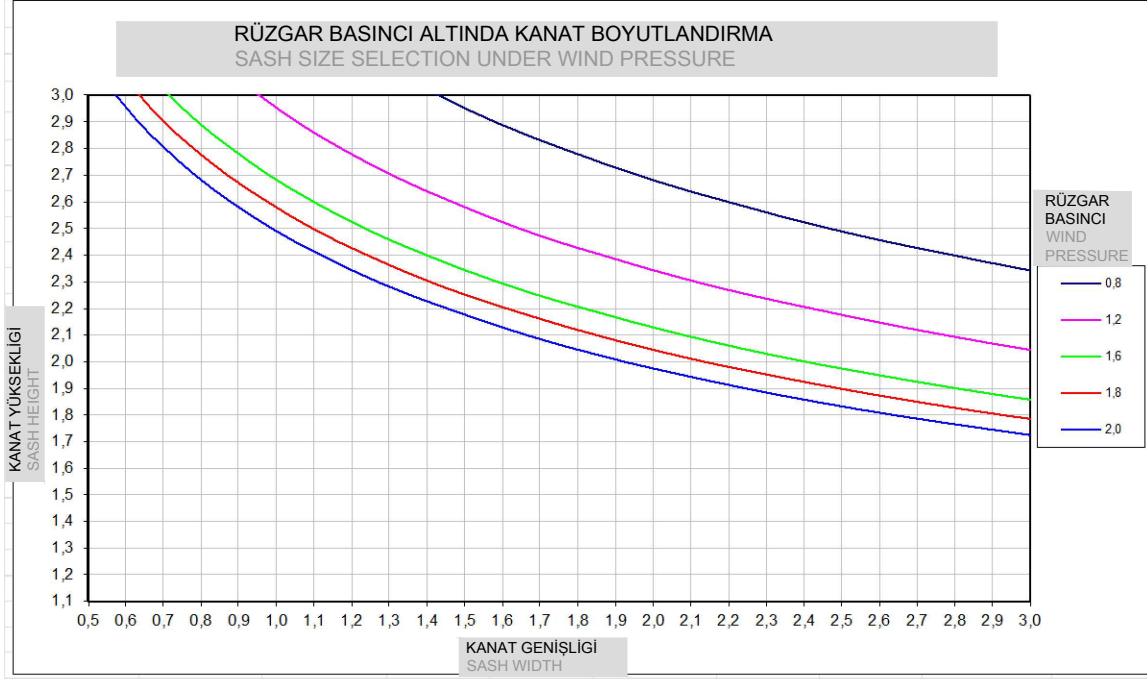
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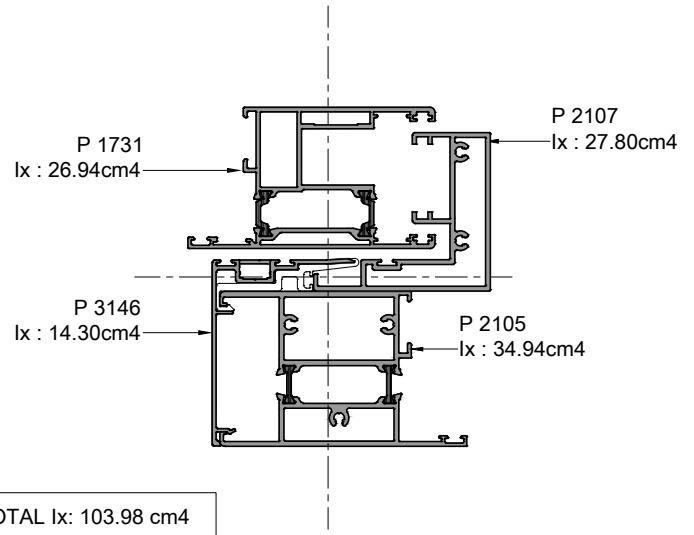
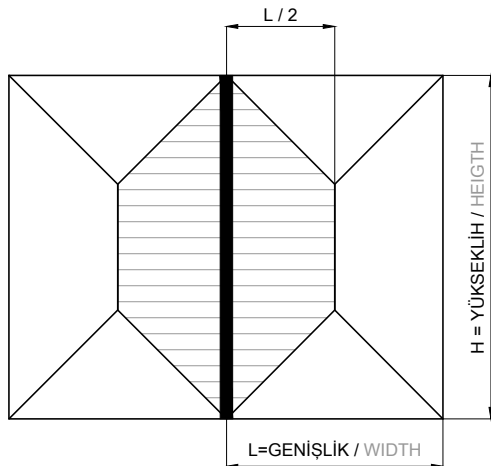
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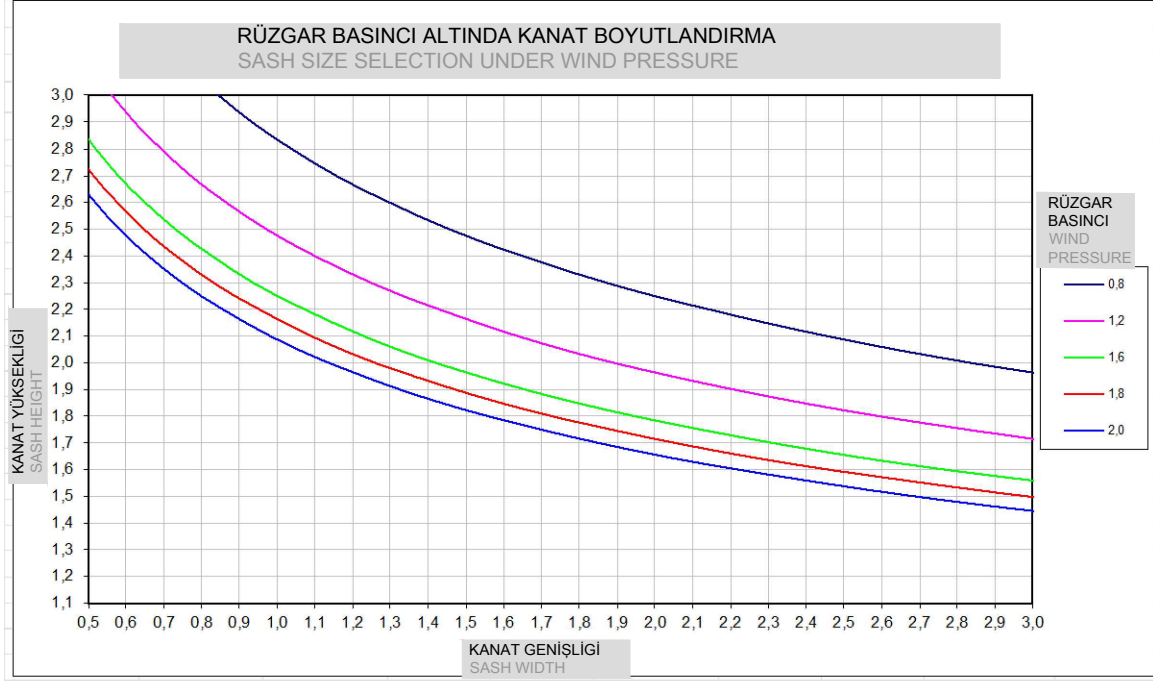
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Statik Hesaplar Mutlaka Uygulamacı Tarafından Yapılmalıdır.

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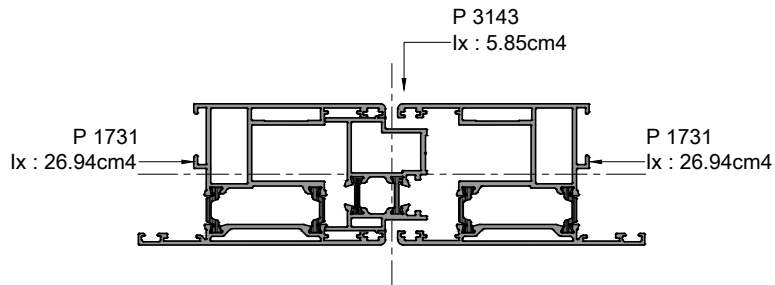
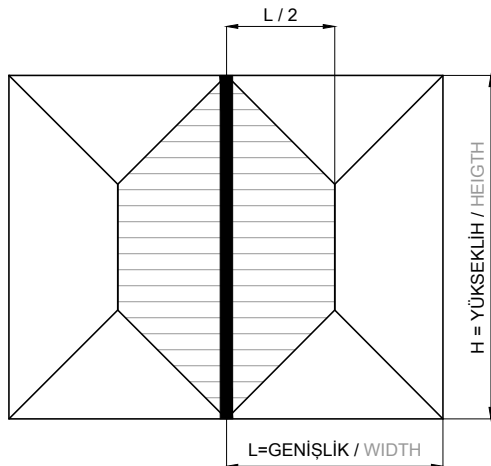
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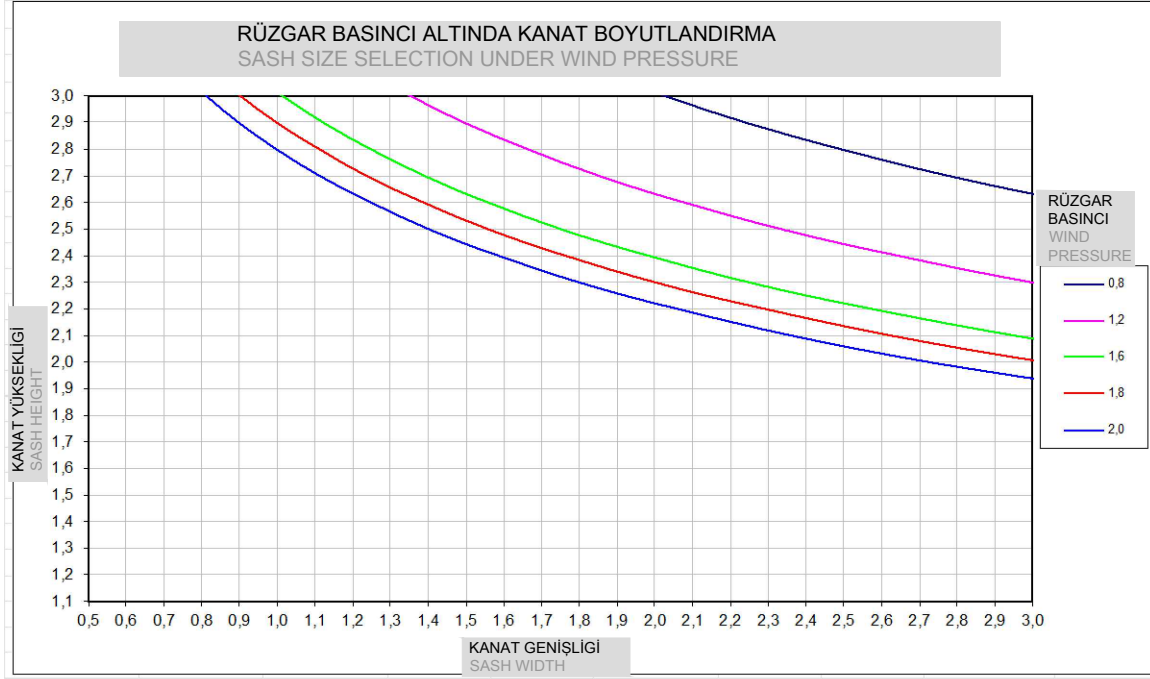
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TOTAL Ix : 59.73 cm4



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DIN EN 12210 for the standard building area

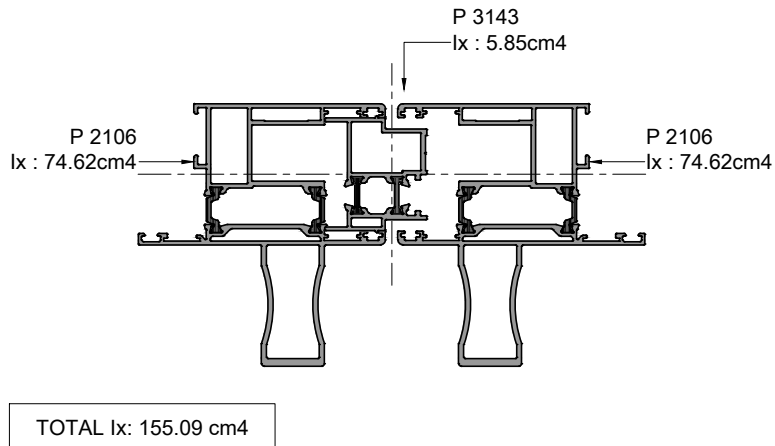
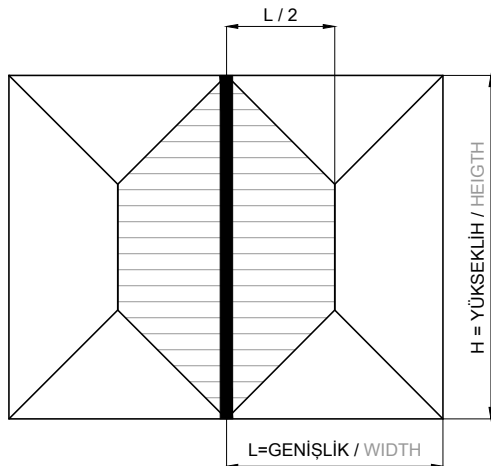
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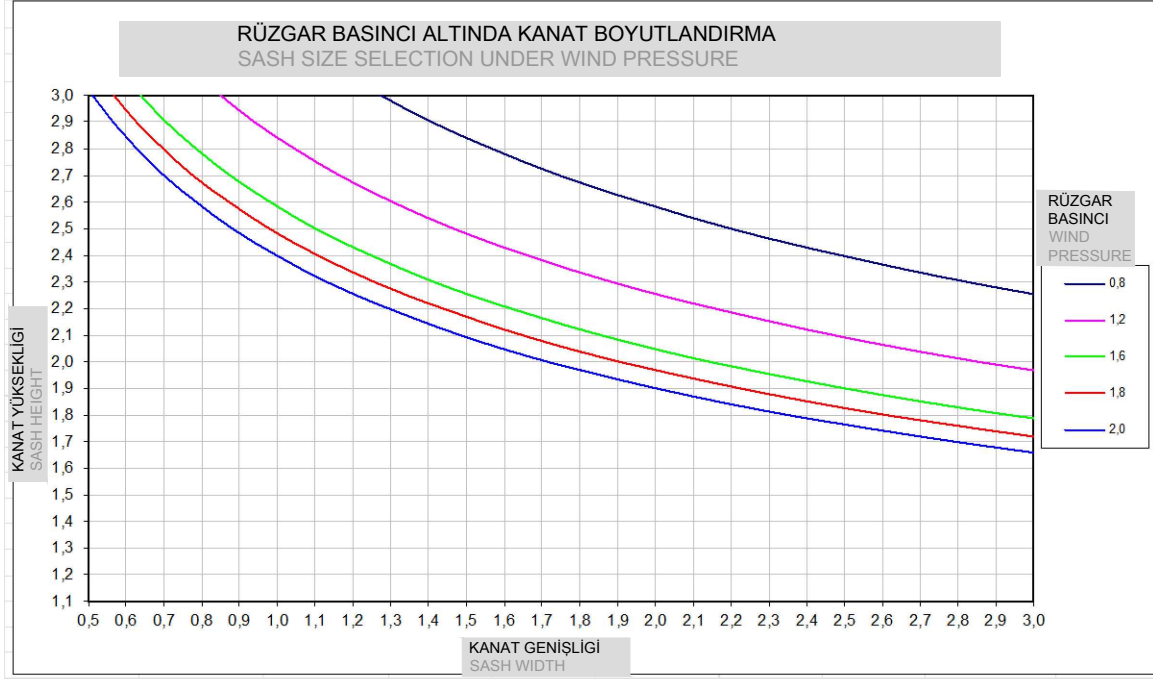
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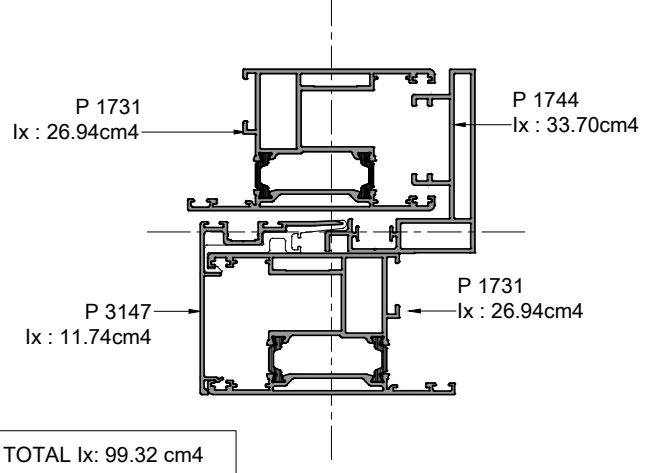
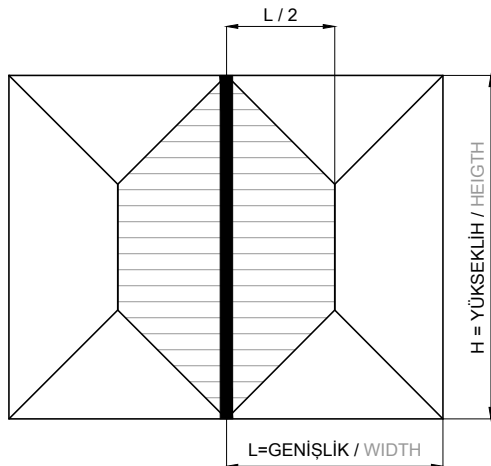
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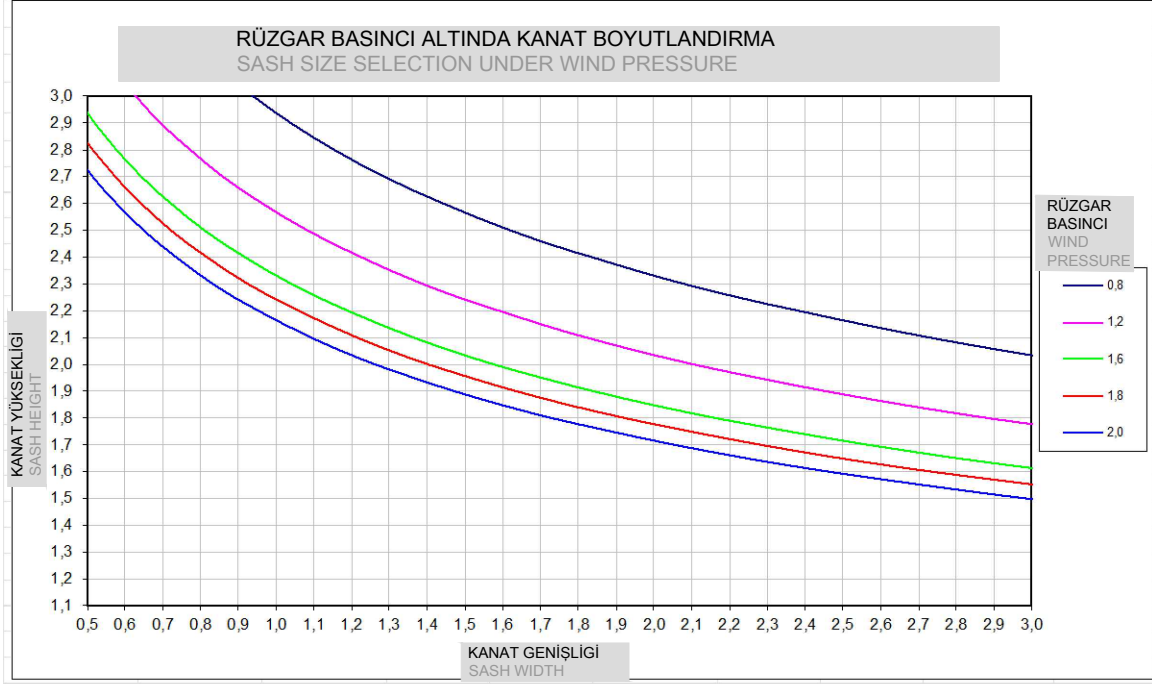
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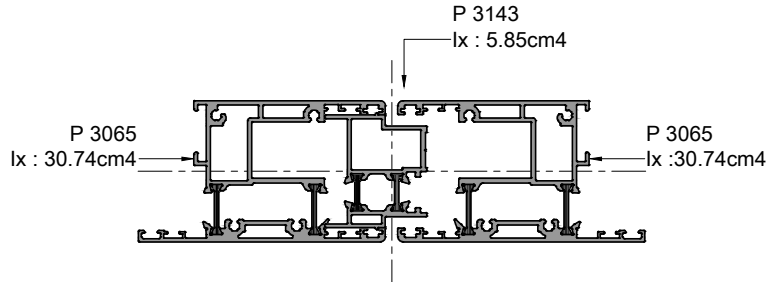
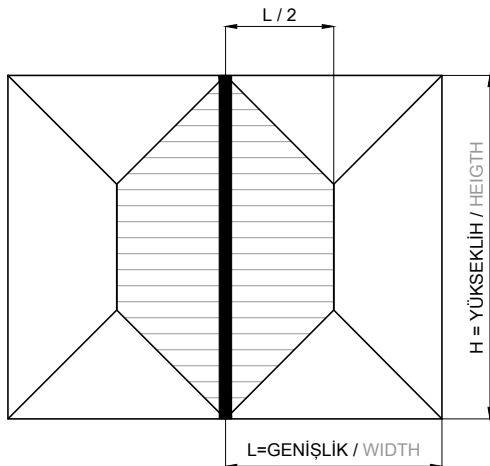
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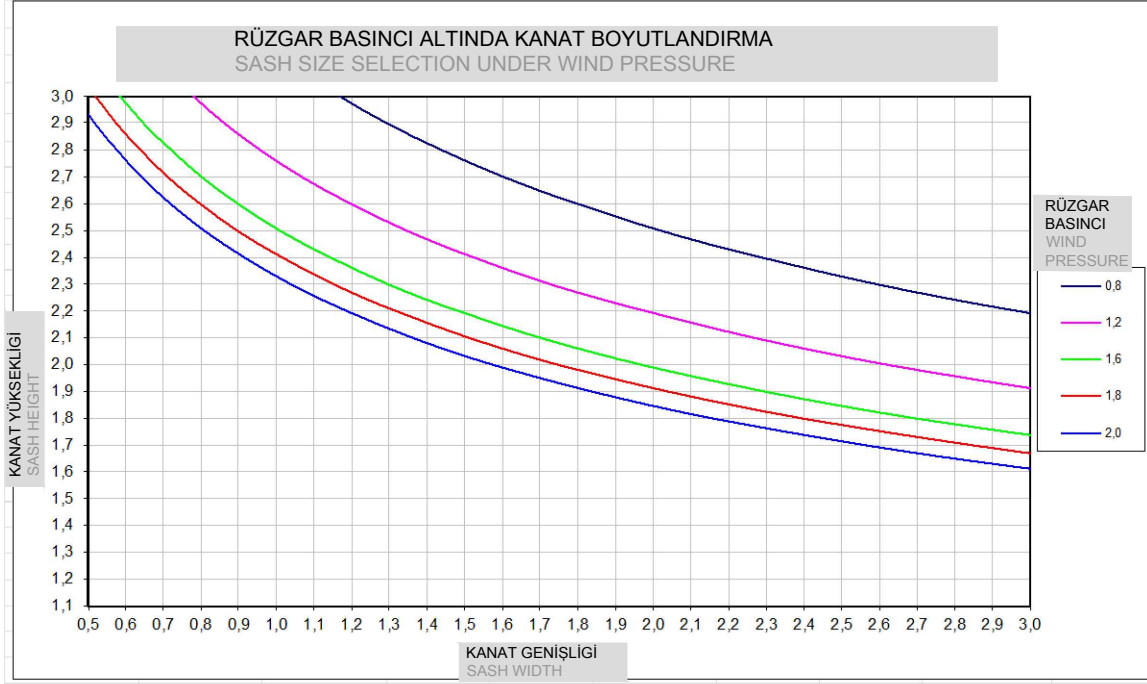
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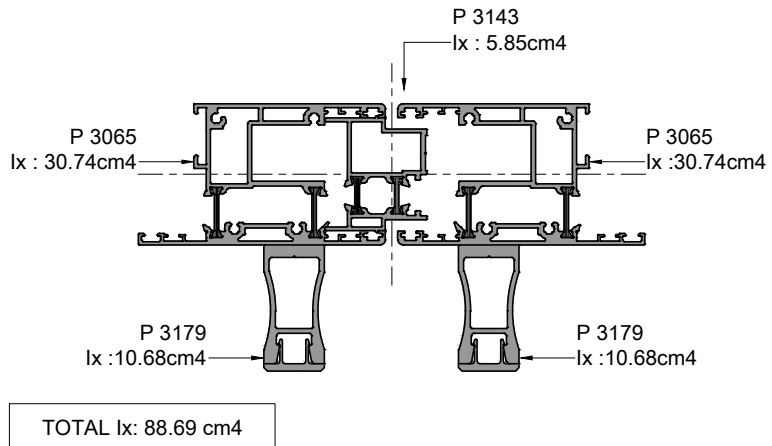
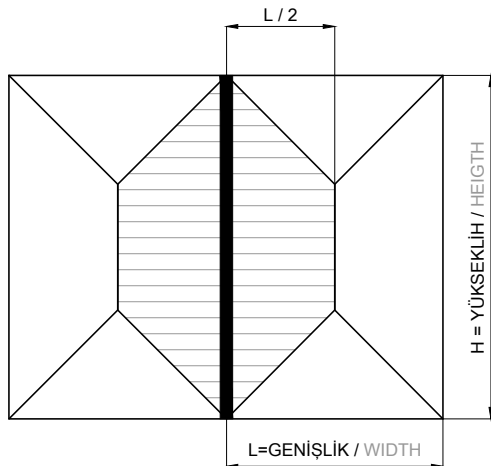
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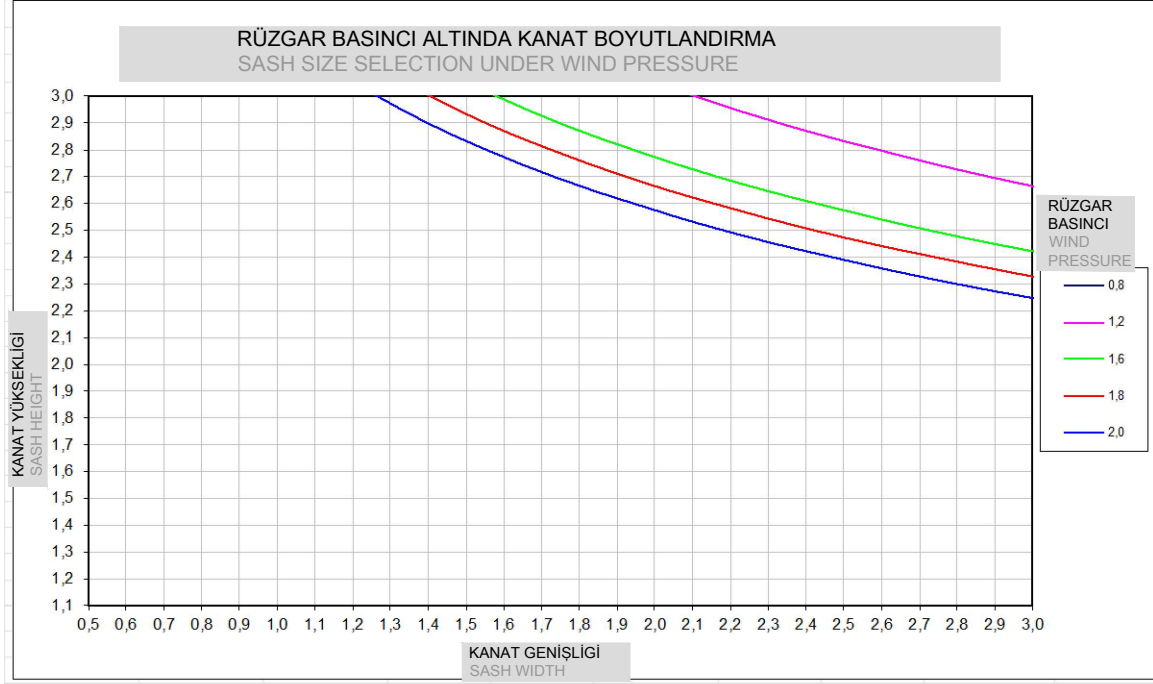
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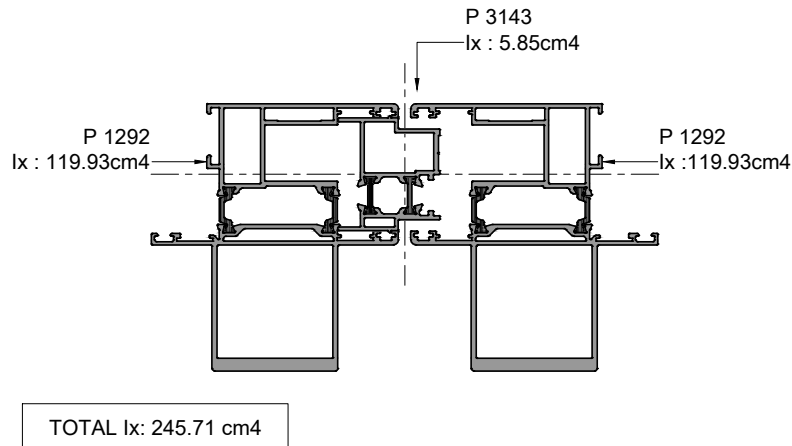
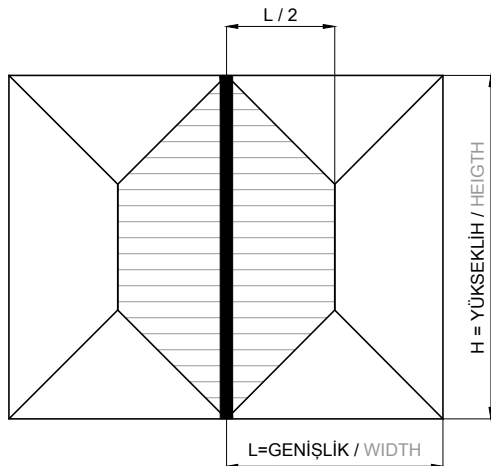
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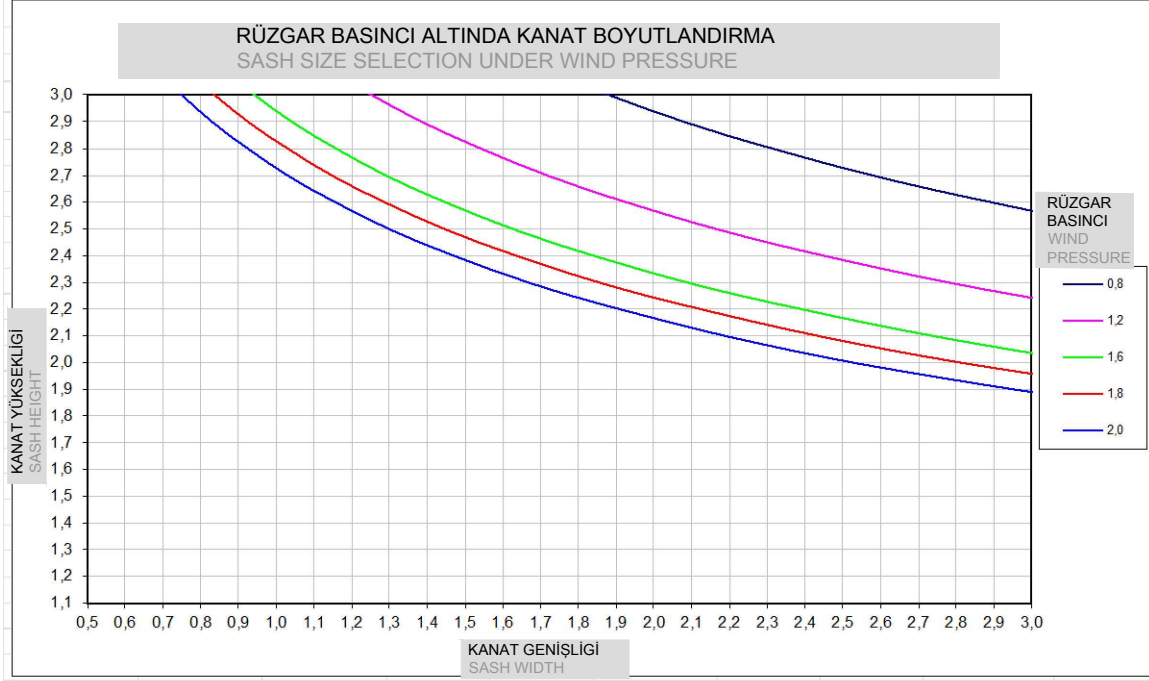
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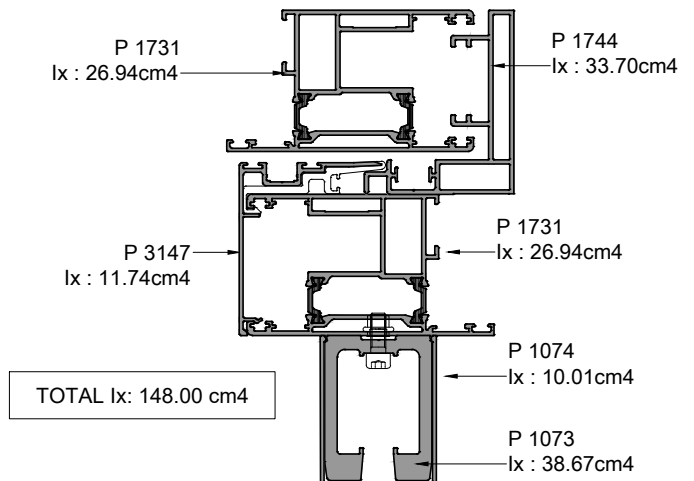
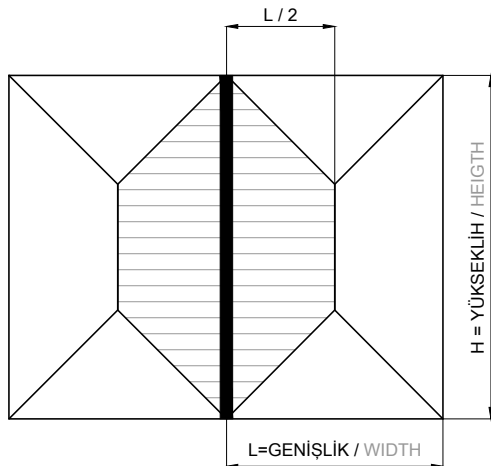
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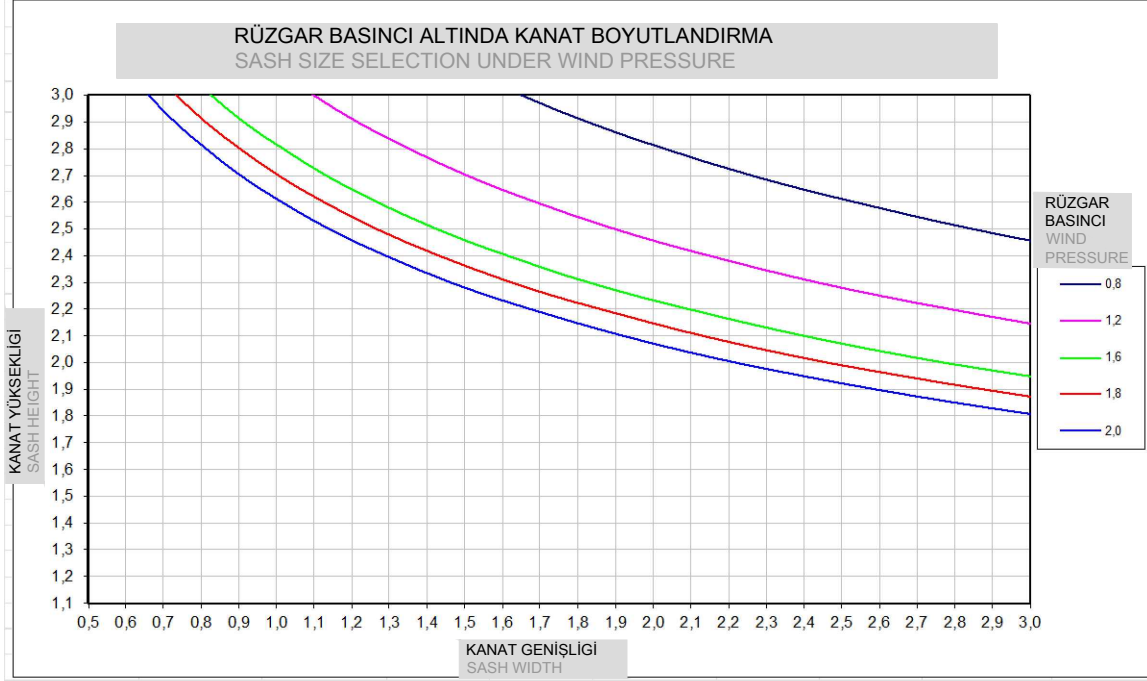
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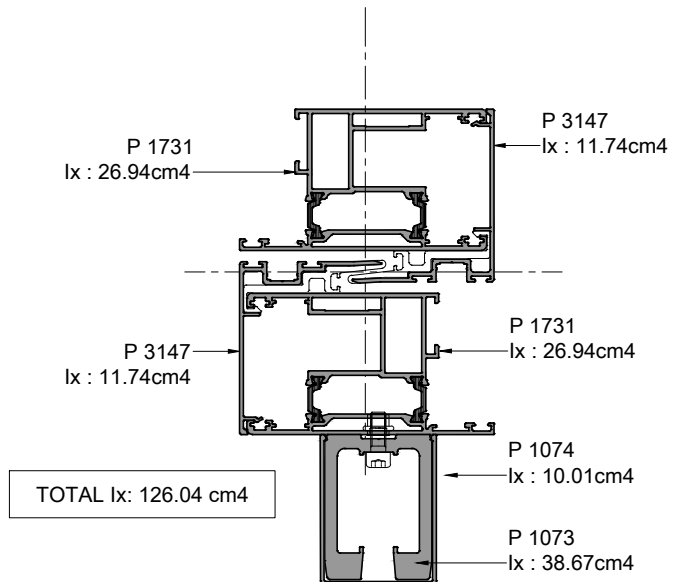
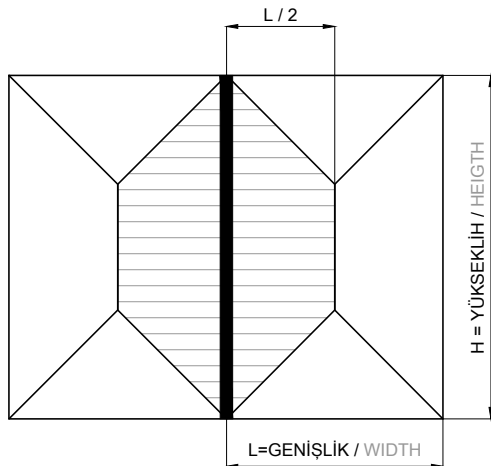
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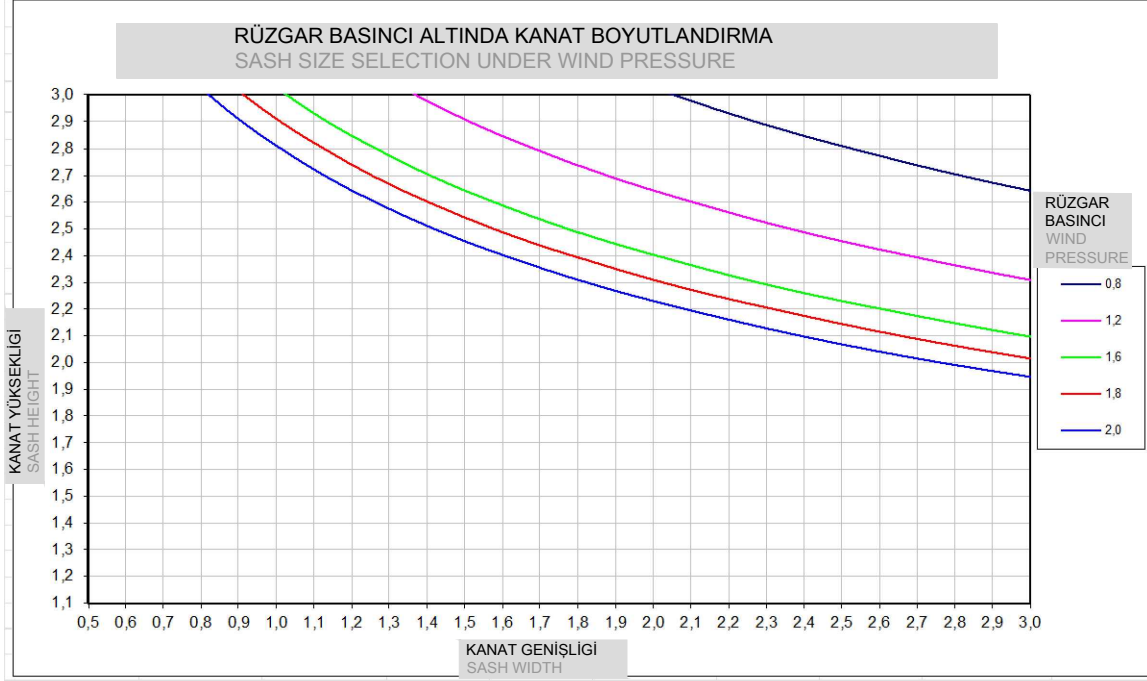
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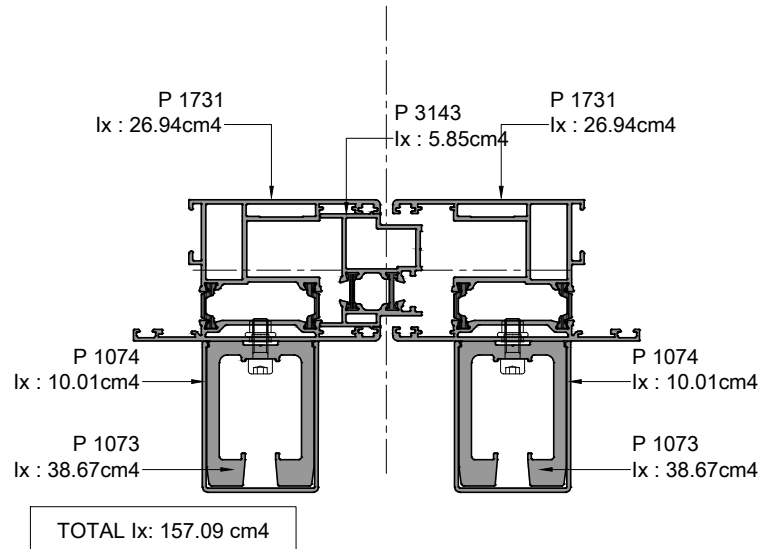
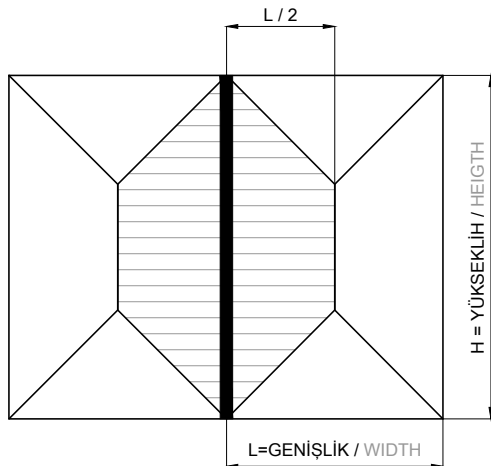
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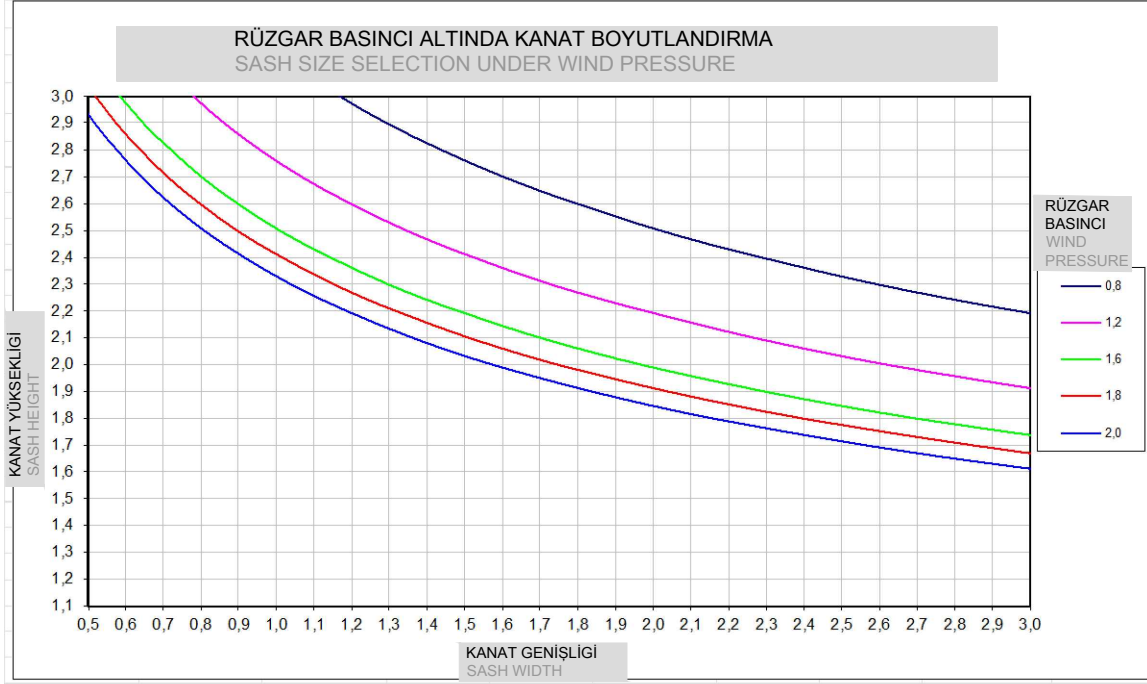
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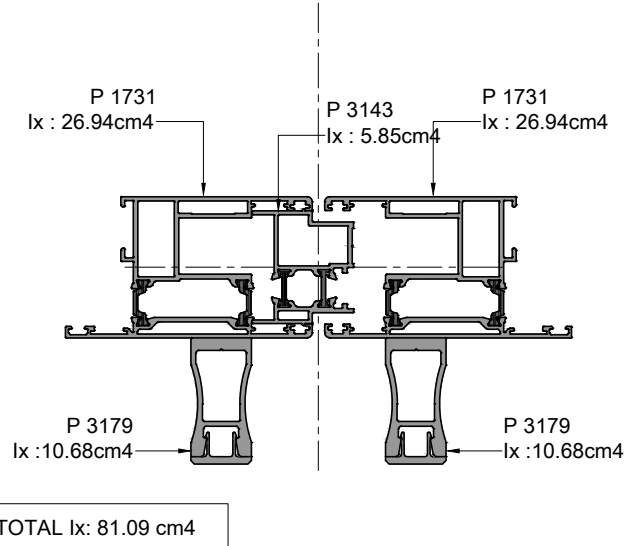
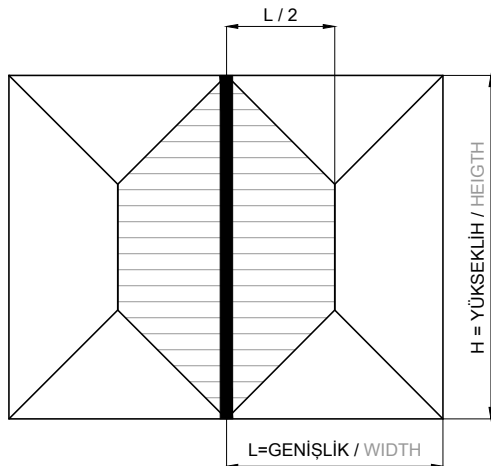
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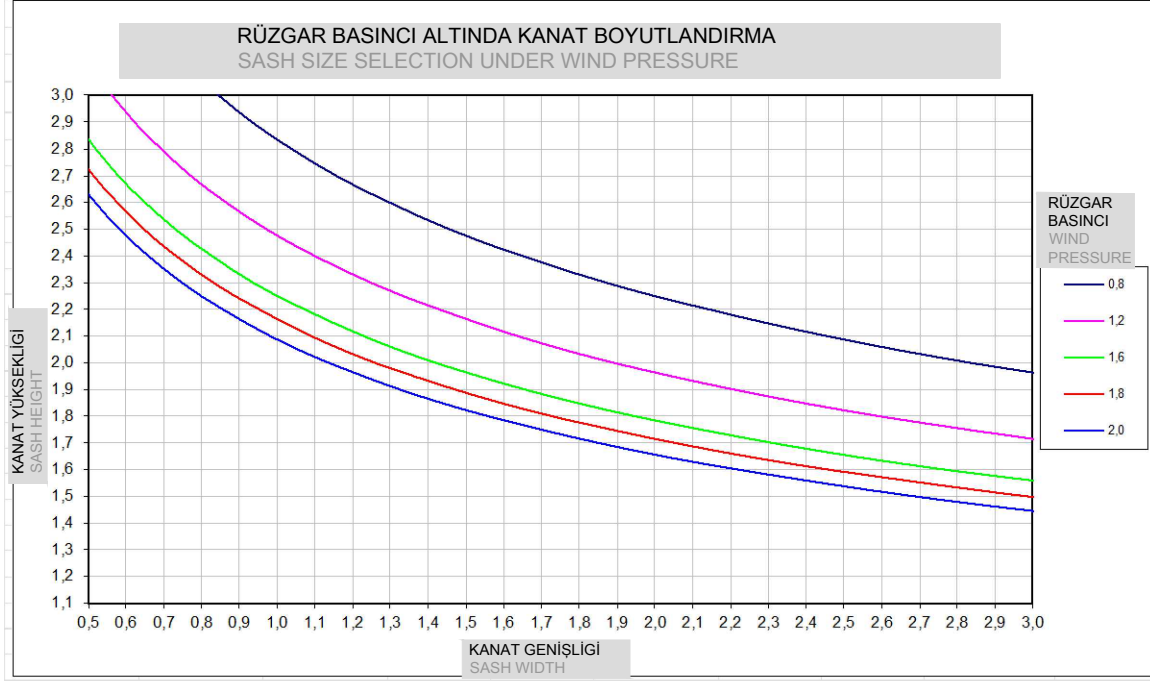
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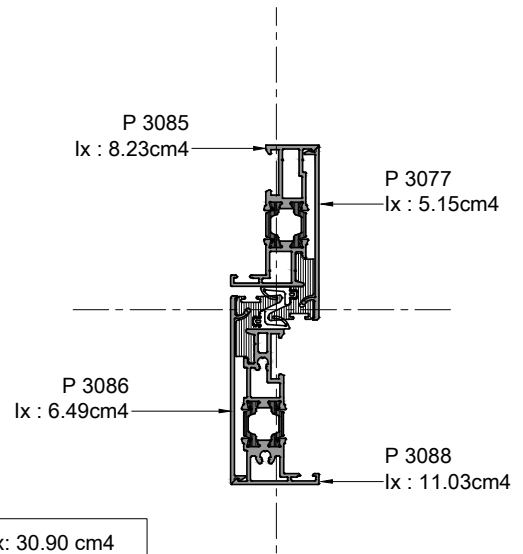
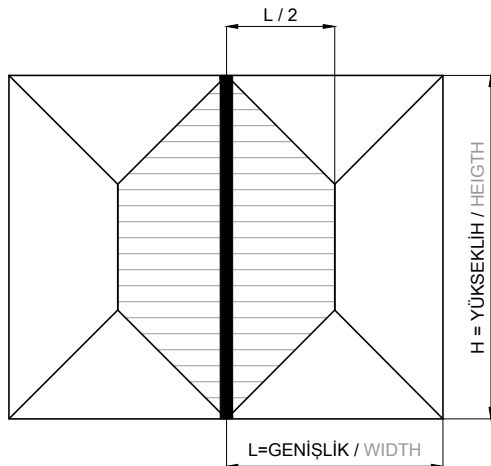
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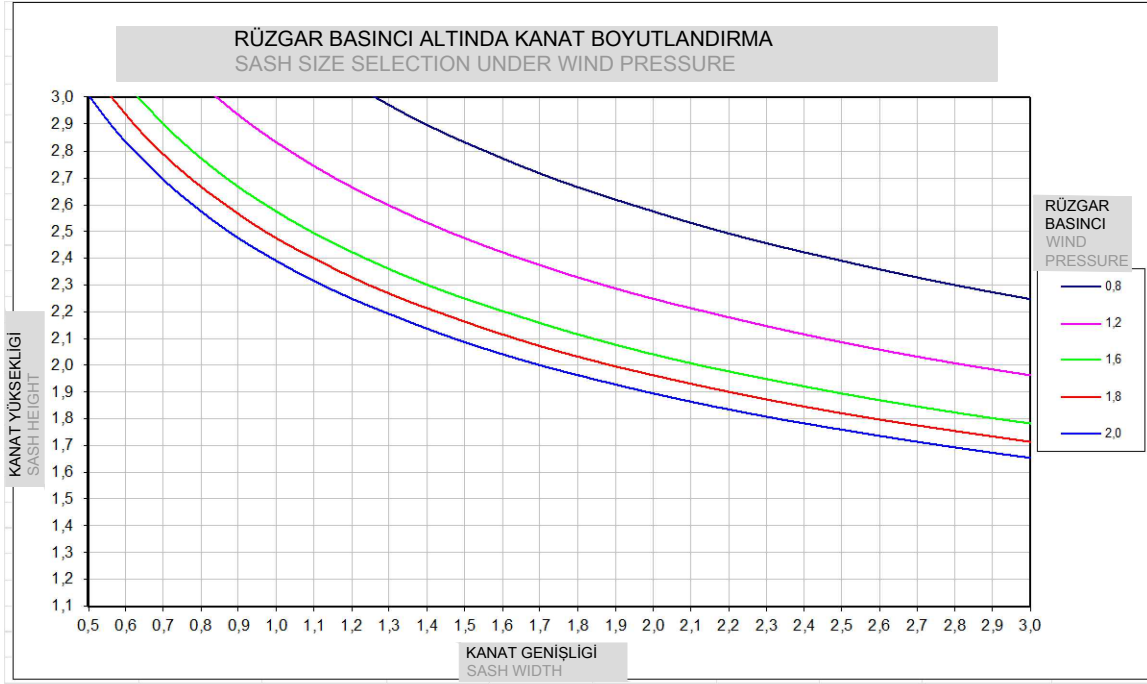
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DIN EN 12210 for the standard building area

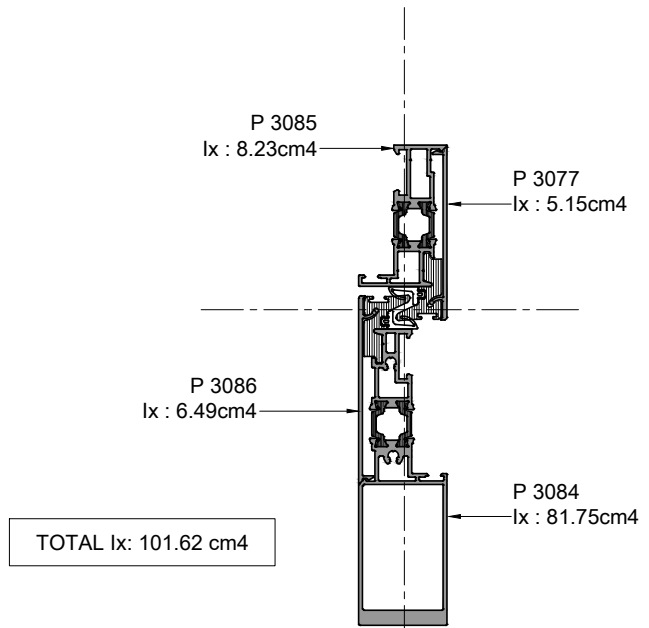
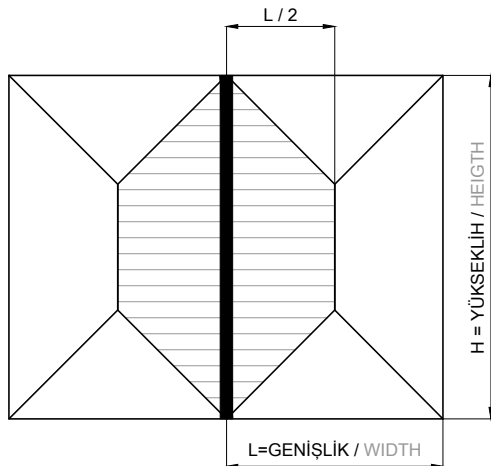
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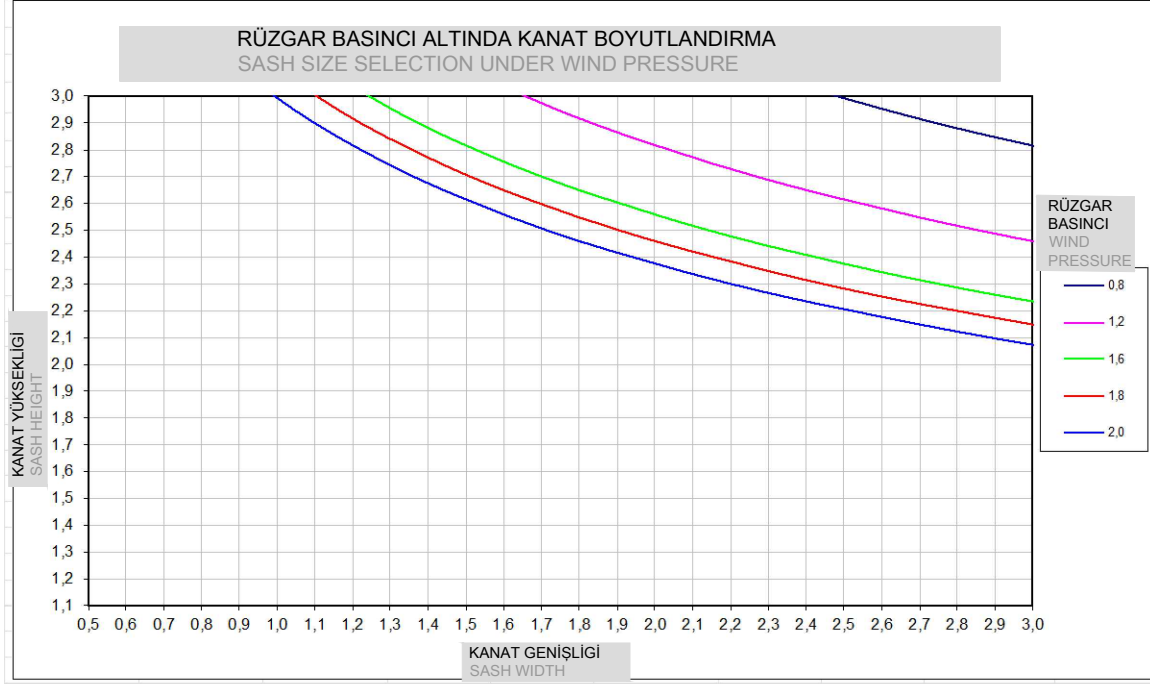
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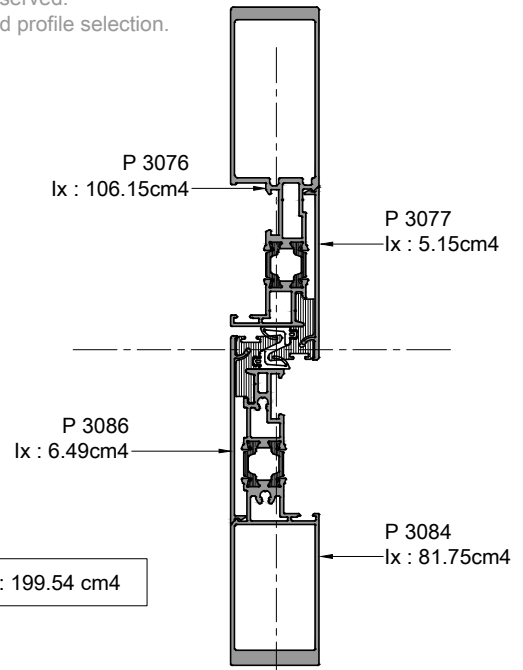
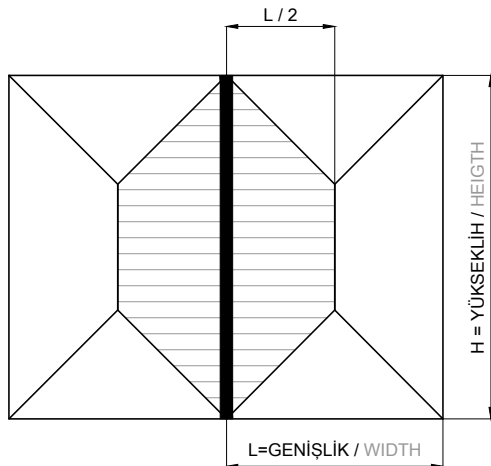
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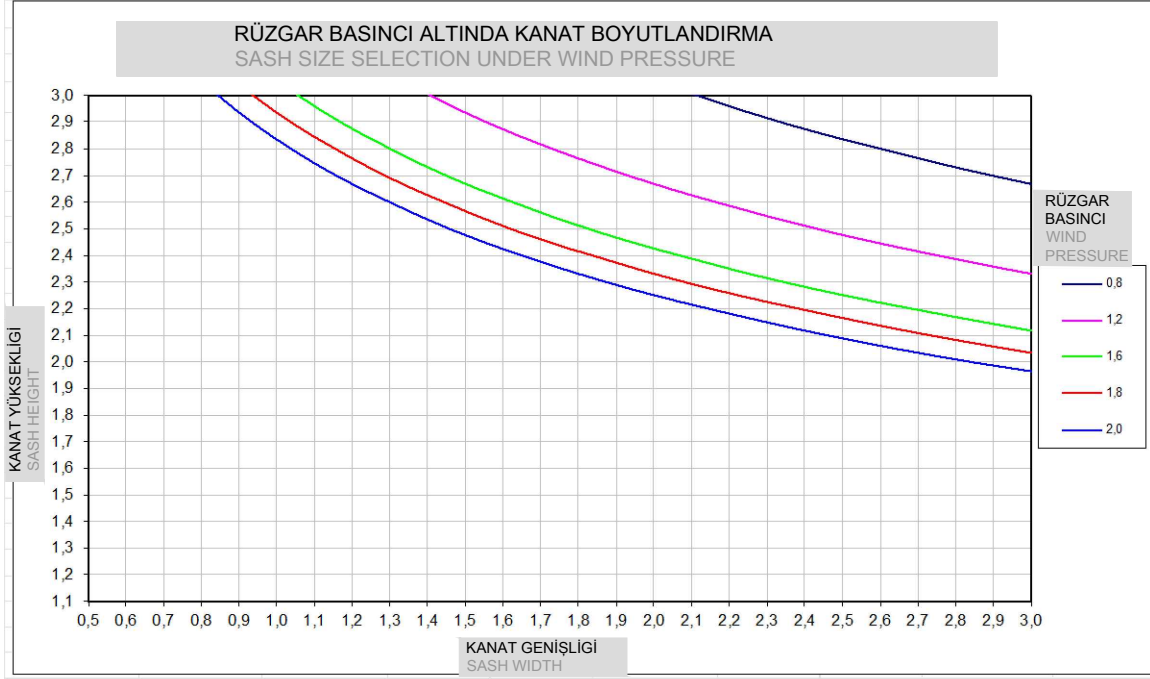
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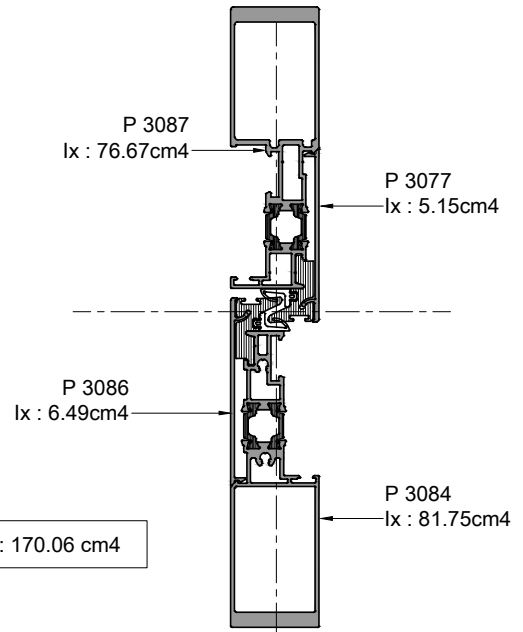
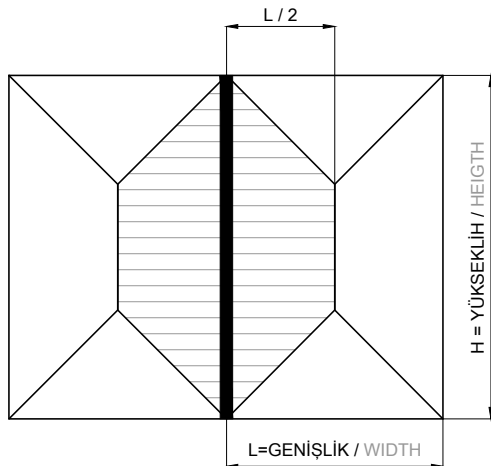
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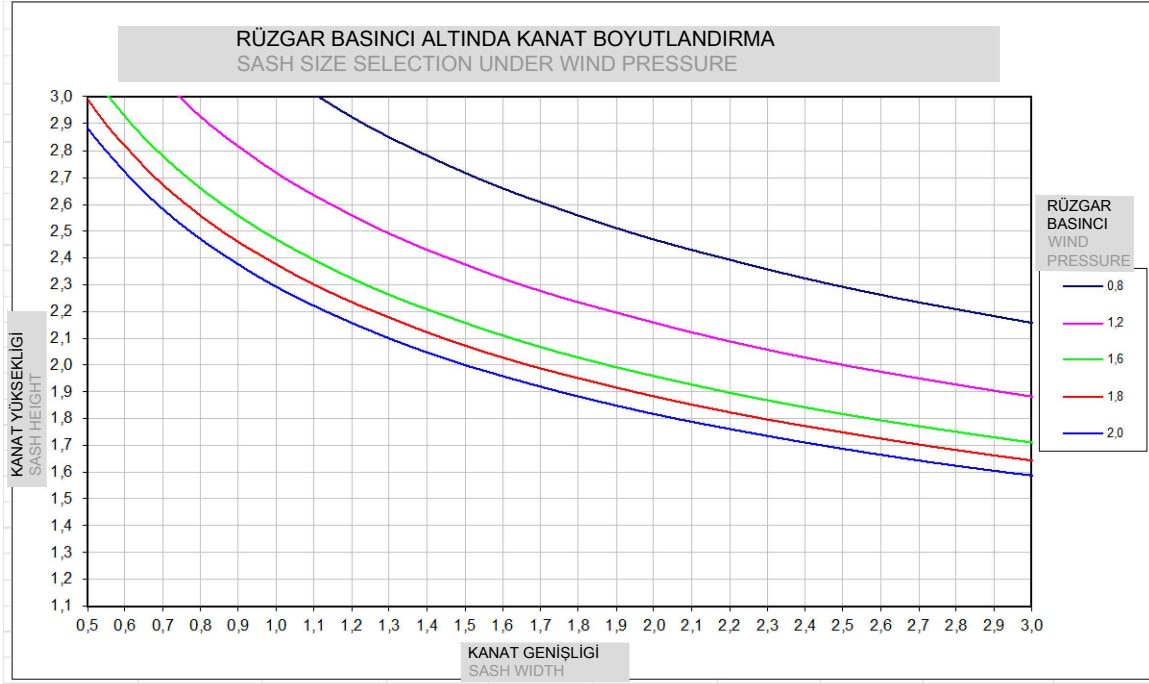
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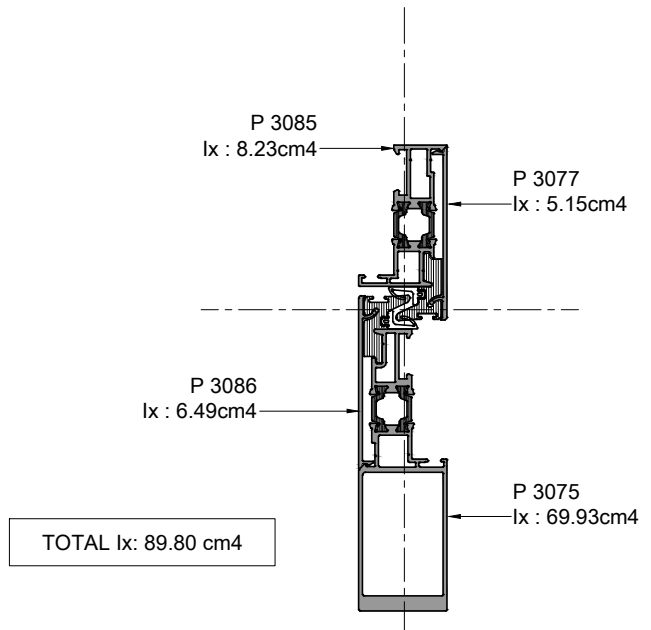
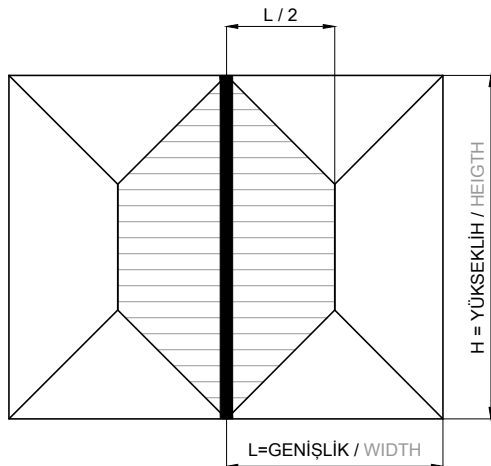
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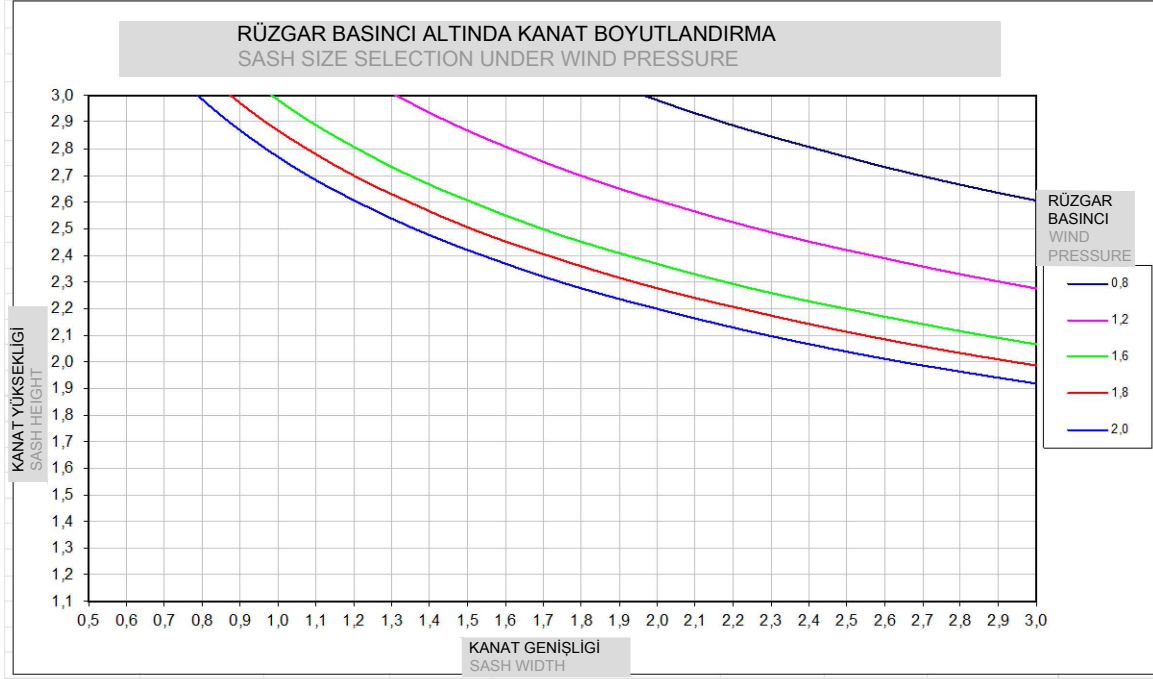
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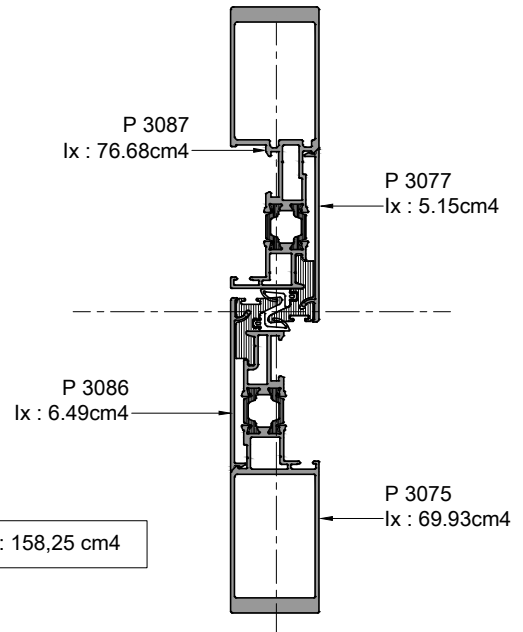
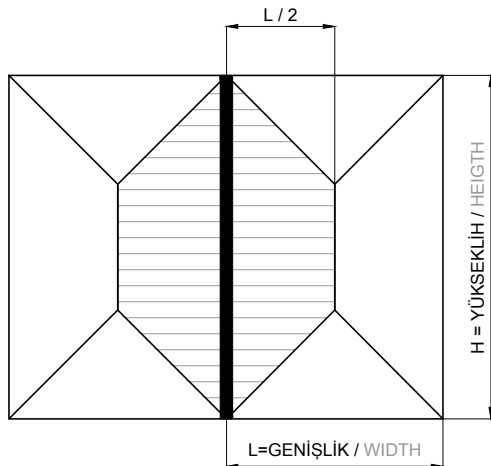
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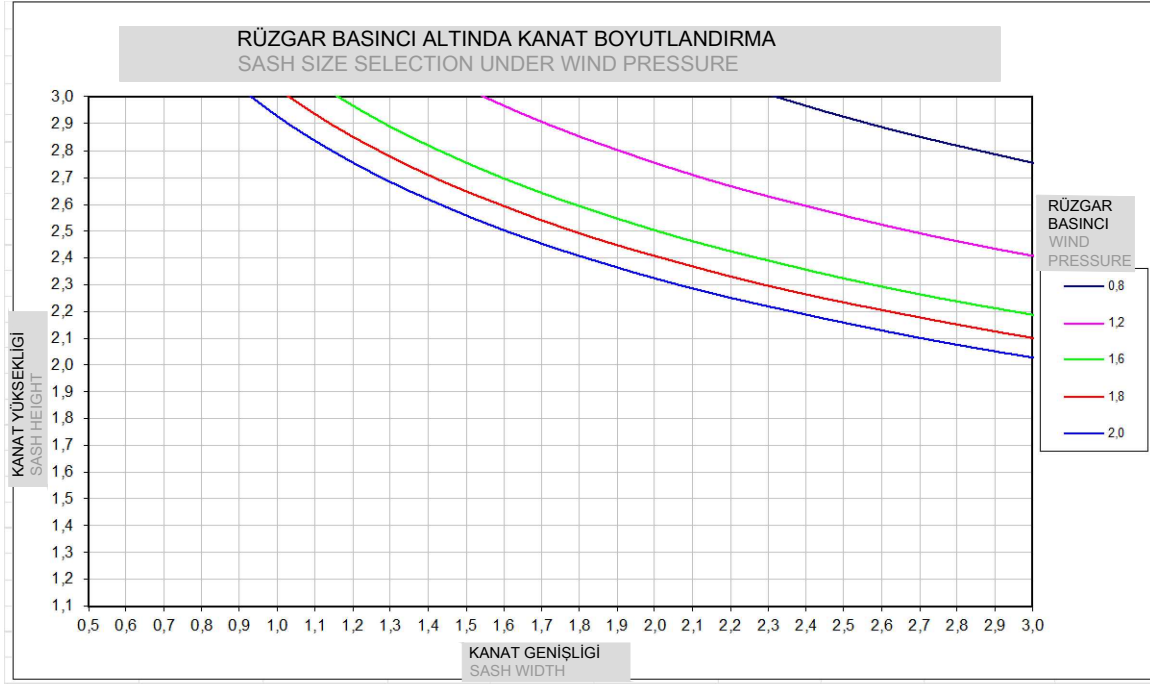
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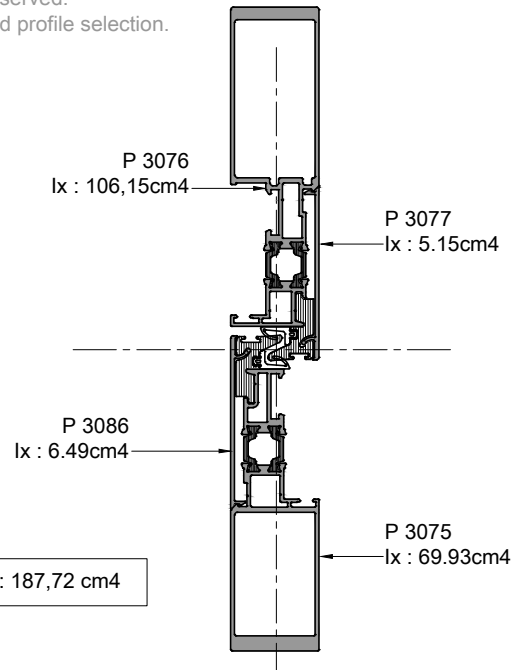
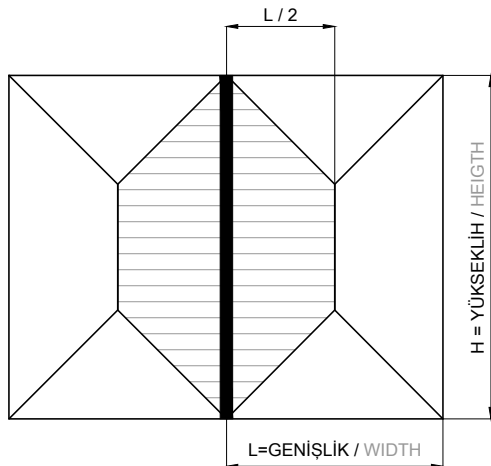
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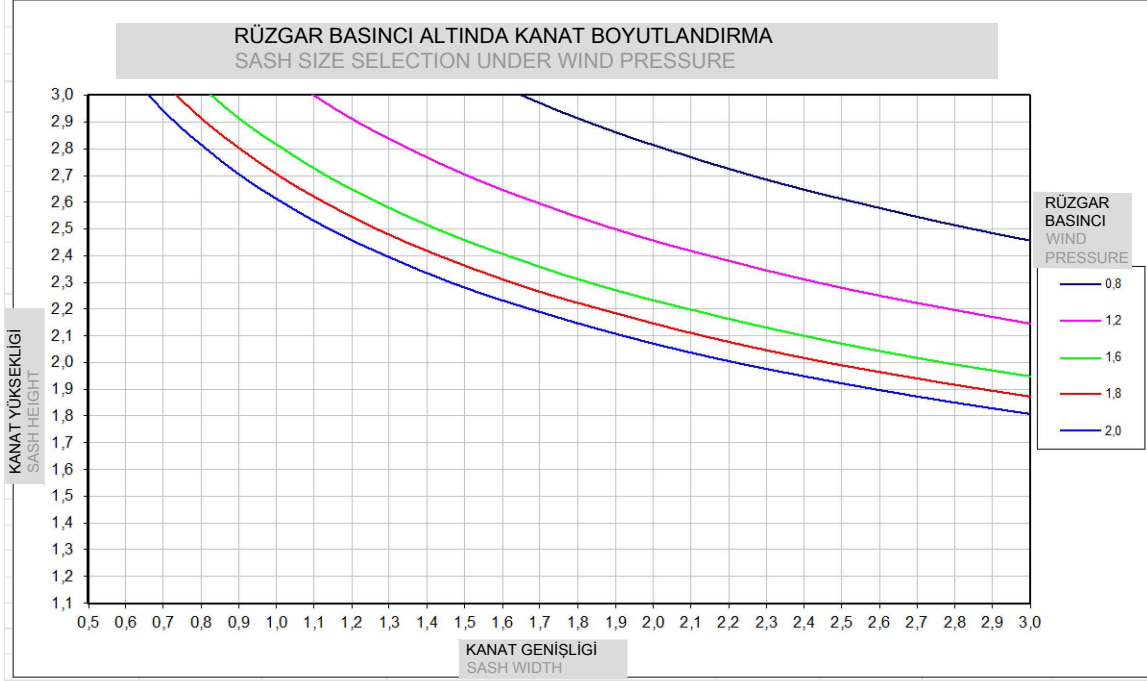
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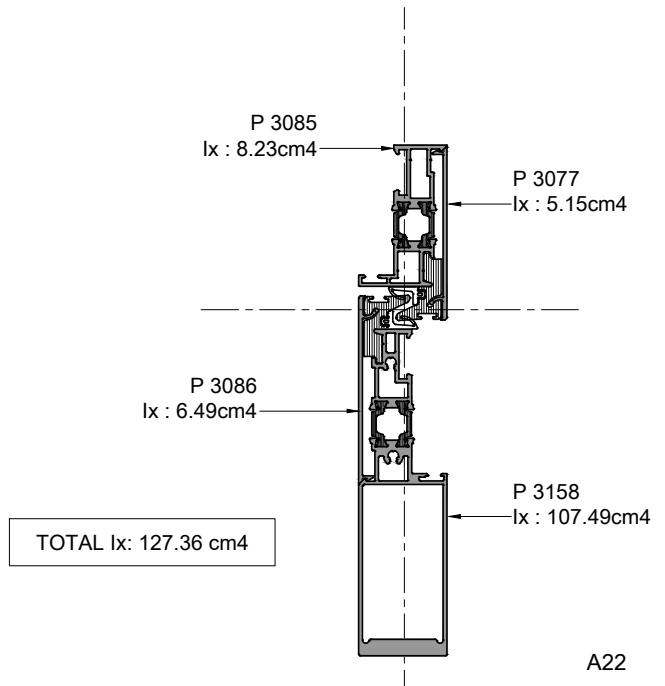
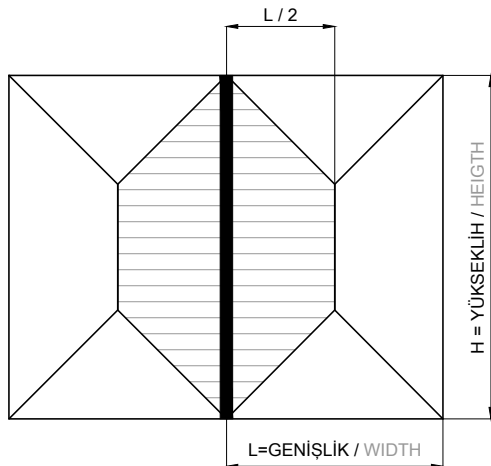
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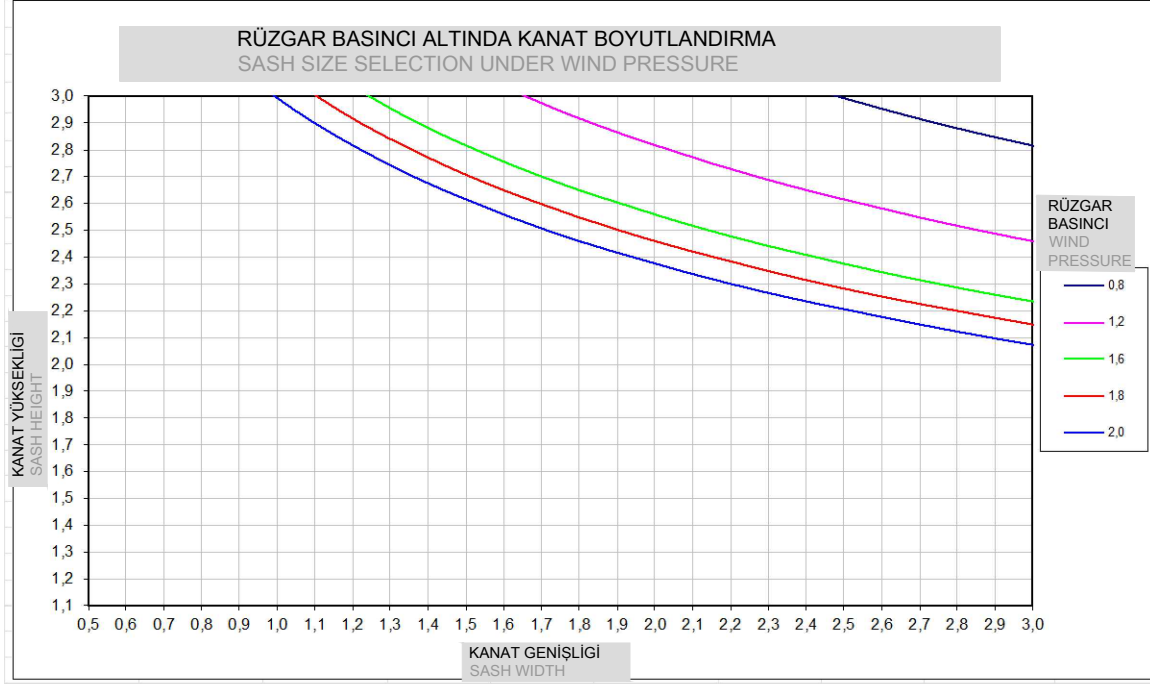
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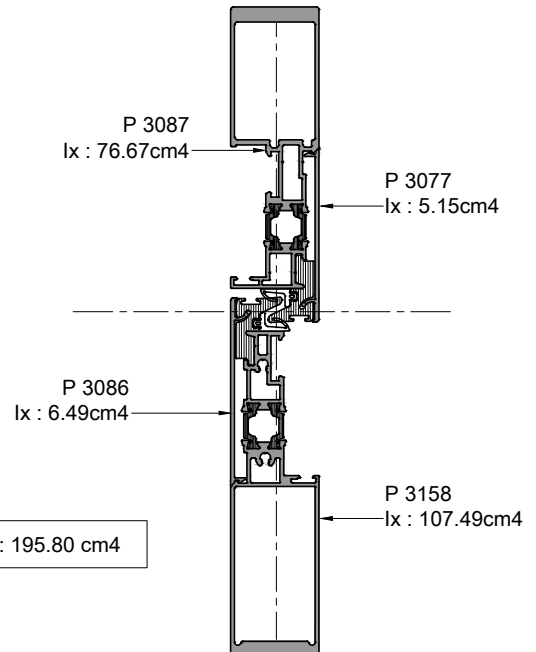
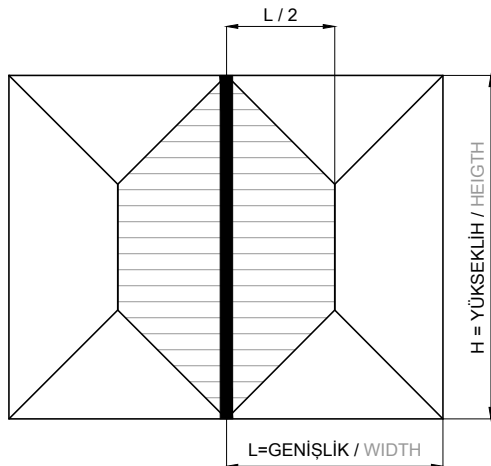
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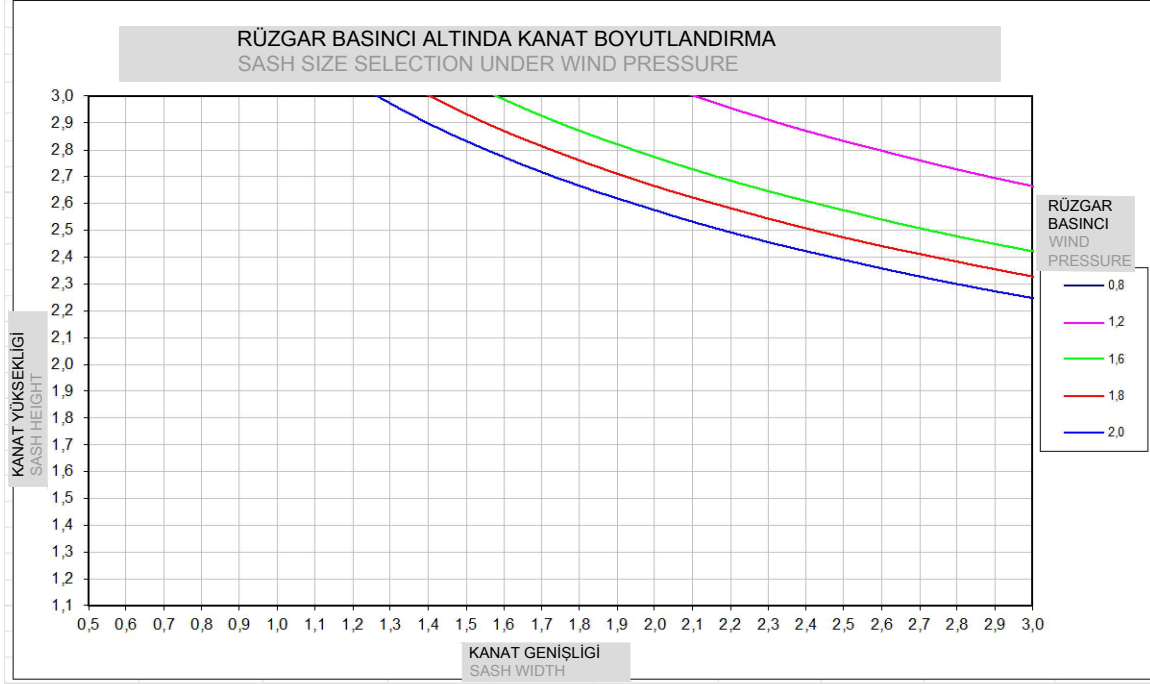
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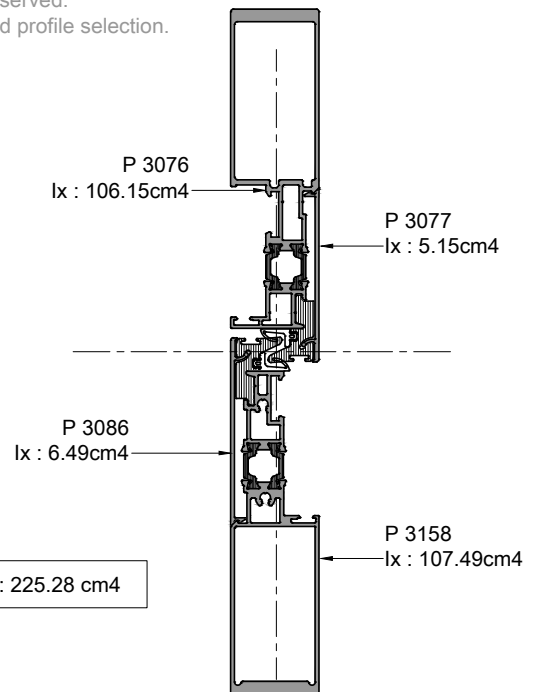
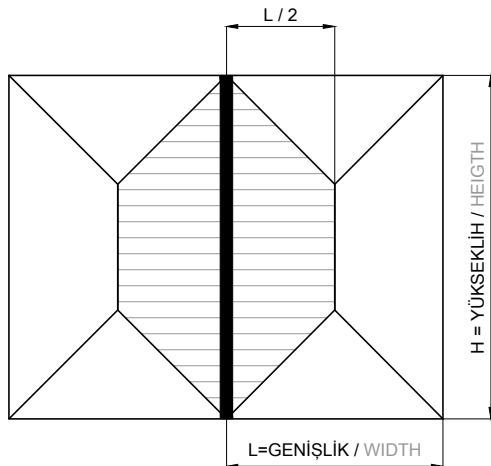
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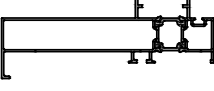
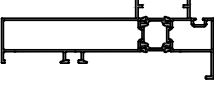
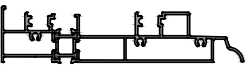
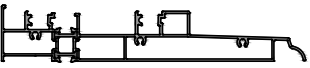
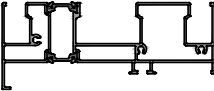
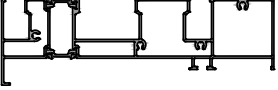
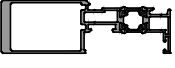
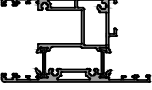
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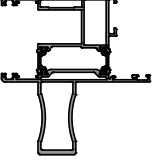
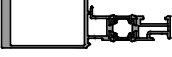
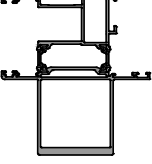
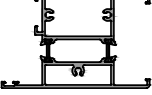
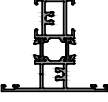
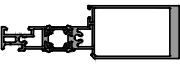


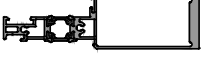
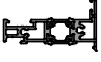
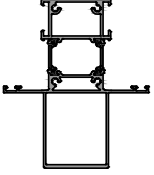
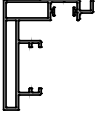
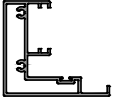
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LIFT&SLIDE DOOR SYSTEM

ALUMİNYUM PROFİLLER
ALUMINIUM PROFILES

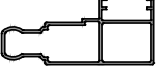
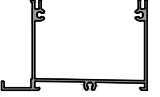
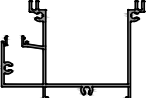
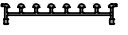
PROFİL ŞEKLİ PROFILE SECTION	PROFİL ADI PROFILE NO	KALIP KODU DIE NO	PROFİL TANIMI PROFILE DESCRIPTION	AĞIRLIK WEIGHT
	P 3105	20335 + 20336	YAN KASA PROFİLİ side frame profile	1.655kg/mt
	P 3106	20334 + 20339	YAN KASA PROFİLİ side frame profile	1.620kg/mt
	P 3107	20337 20338 20340	ALT KASA PROFİLİ bottom frame profile	2.560kg/mt
	P 3108	20343 20342 20341	ÜST KASA PROFİLİ top frame profile	2.715kg/mt
	P 3110	20337 + 20345	ALT KASA PROFİLİ bottom frame profile	2.520kg/mt
	P 3109	20343 + 20344	ÜST KASA PROFİLİ top frame profile	2.365kg/mt
	P 3094	20050 9500 9499	SIFIR EŞİK KASA PROFİLİ Flat Sill Bottom Frame Profile	2.910kg/mt
	P 3071	20050 20051 20052	SIFIR EŞİK KASA PROFİLİ Flat Sill Bottom Frame Profile	2.925kg/mt
	P 3152	20591 + 20595	YAN KASA PROFİLİ side frame profile	2.110kg/mt
	P 3149	20593 + 20596	YAN KASA PROFİLİ side frame profile	2.200kg/mt

PROFİL ŞEKLİ PROFILE SECTION	PROFİL ADI PROFILE NO	KALIP KODU DIE NO	PROFİL TANIMI PROFILE DESCRIPTION	AĞIRLIK WEIGHT
	P 3150	20593 + 20592	YAN KASA PROFİLİ side frame profile	1.830kg/mt
	P 3151	20591 + 20594	YAN KASA PROFİLİ side frame profile	1.825kg/mt
	P 3155	20600 + 20601	ALT KASA PROFİLİ bottom frame profile	2.360kg/mt
	P 3156	20600 + 20602	ALT KASA PROFİLİ bottom frame profile	2.660kg/mt
	P 3153	20598 + 20597	ÜST KASA PROFİLİ top frame profile	2.520kg/mt
	P 3154	20598 + 20599	ÜST KASA PROFİLİ top frame profile	3.030kg/mt
	P 3087	20808 + 20093	35 mm TAKVİYELİ KENET PROFİLİ 35mm interlock with reinforcement	2.030kg/mt
	P 3076	20095 + 20093	35 mm TAKVİYELİ KENET PROFİLİ 35mm interlock with reinforcement	2.070kg/mt
	P 1731	16404 + 16405	KANAT PROFİLİ sash profile	2.070kg/mt
	P 3065	19835 + 19836	KANAT PROFİLİ sash profile 35mm kenet ile kullanılır using with 35 mm interlock	2.290kg/mt

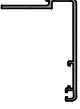
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	P 1751	16404 + 17031	KÖŞE KANAT PROFİLİ corner sash profile	2.495kg/mt
	P 2106	16404 + 17526	TAKVİYELİ KANAT PROFİLİ sash profile with reinforcement	2.785kg/mt
	P 3075	20094 + 20092	TAKVİYELİ DAR KANAT PRF slim sash profile with reinforcement	1.985kg/mt
	P 1292	16404 + 18643	TAKVİYELİ KANAT PROFİLİ sash profile with reinforcement	3.310kg/mt
	P 3085	9542 + 20093	İNCE KANAT PROFİLİ Slim sash profile	0.940kg/mt
	P 2105	17537 + 17538	ORTA KAYIT PROFİLİ mullion profile	2.440kg/mt
	P 2402	18880 + 17536	ORTA KAYIT PROFİLİ mullion profile	1.605kg/mt
	P 3084	9501 + 9543	35mm DIŞTAN TAKVİYELİ ORTA KAYIT PROFİLİ 35mm exterior interlock mullion profile with reinforcement	2.060kg/mt

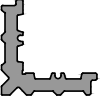
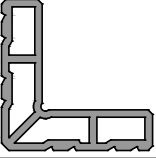
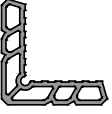
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	P 3158	9501 + 10363	35mm DIŞTAN TAKVİYELİ ORTA KAYIT PROFİLİ 35mm exterior interlock mullion profile with reinforcement	2.205kg/mt
	P 3088	9501 + 21024	ORTA KAYIT PROFİLİ mullion profile	1.100kg/mt
	P 1753	17066 + 17065	ORTA KAYIT PROFİLİ mullion profile	2.580kg/mt
	P 3143	20732 + 20731	ÇİFT KANAT ADAPTÖR PROFİLİ double sash adapter profile	1.015kg/mt
	P 1744	10522	ÜÇ KANAT ADAPTÖR PROFİLİ triple sash adapter profile	1.395kg/mt
	P 2107	17539	ADAPTÖR PROFİLİ adepter profile	1,590kg/mt
	P 2108	17542	KAPAK PROFİLİ cap profile	0.590kg/mt
	P 3086	9538	KAPATMA PROFİLİ Closing Profile	0.340kg/mt
	P 3103	20278	KAPATMA PROFİLİ Closing Profile	0.370kg/mt

PROFİL ŞEKLİ PROFILE SECTION	PROFİL ADI PROFILE NO	KALIP KODU DIE NO	PROFİL TANIMI PROFILE DESCRIPTION	AĞIRLIK WEIGHT
	P 3077	20096	KAPATMA PROFİLİ Closing Profile	0.315kg/mt
	P 3146	20779	KASA KAPATMA PROFİLİ frame closing profile	0.670kg/mt
	P 3147	20780	KANAT KAPATMA PROFİLİ sash closing profile	0.645kg/mt
	P 3067	9344	CAM ÇITA PROFİLİ glazing bead profile	0.235kg/mt
	P 1750	12558	CAM ÇITA PROFİLİ glazing bead profile	0.280kg/mt
	P 1745	16410	CAM ÇITA PROFİLİ glazing bead profile	0.270kg/mt
	P 1746	16411	CAM ÇITA PROFİLİ glazing bead profile	0.275kg/mt
	P 1747	16412	CAM ÇITA PROFİLİ glazing bead profile	0.280kg/mt
	P 1748	16413	CAM ÇITA PROFİLİ glazing bead profile	0.300kg/mt
	P 1749	16414	CAM ÇITA PROFİLİ glazing bead profile	0.340kg/mt

PROFİL ŞEKLİ PROFILE SECTION	PROFİL ADI PROFILE NO	KALIP KODU DIE NO	PROFİL TANIMI PROFILE DESCRIPTION	AĞIRLIK WEIGHT
	P 1752	17032	KİLİTLEME ADAPTÖR PROFİLİ locking adapter profile	1.565kg/mt
	P 2467	19409	SU KANALI PROFİLİ Water channel Profile	1.295kg/mt
	P 2328	18839	SU KANALI PROFİLİ Water channel Profile	1.530kg/mt
	P 3093	*	SU KANALI EK PROFİLİ water channel additional profile	0.210kg/mt
	P 2327	18838	ÜST IZGARA PROFİLİ top grille profile	0.635kg/mt
	P 3091	9540	KAPATMA PROFİLİ Closing Profile	0.175kg/mt
	P 2109	17834	KAPATMA PROFİLİ (opsiyonel) closing profile(optional)	0.155kg/mt
	P 3092	9541	CAM ÇITA PROFİLİ glazing bead profile	0.205kg/mt
	P 3079	-	5mm CAM ÇITA PROFİLİ 5mm glazing bead profile	0.160kg/mt
	P 3080	9544	12mm CAM ÇITA PROFİLİ 12mm glazing bead profile	0.195kg/mt

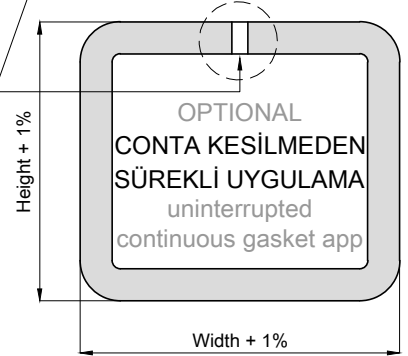
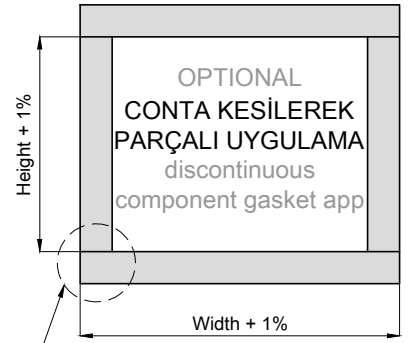
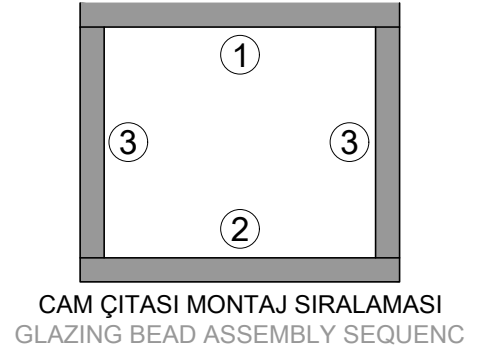
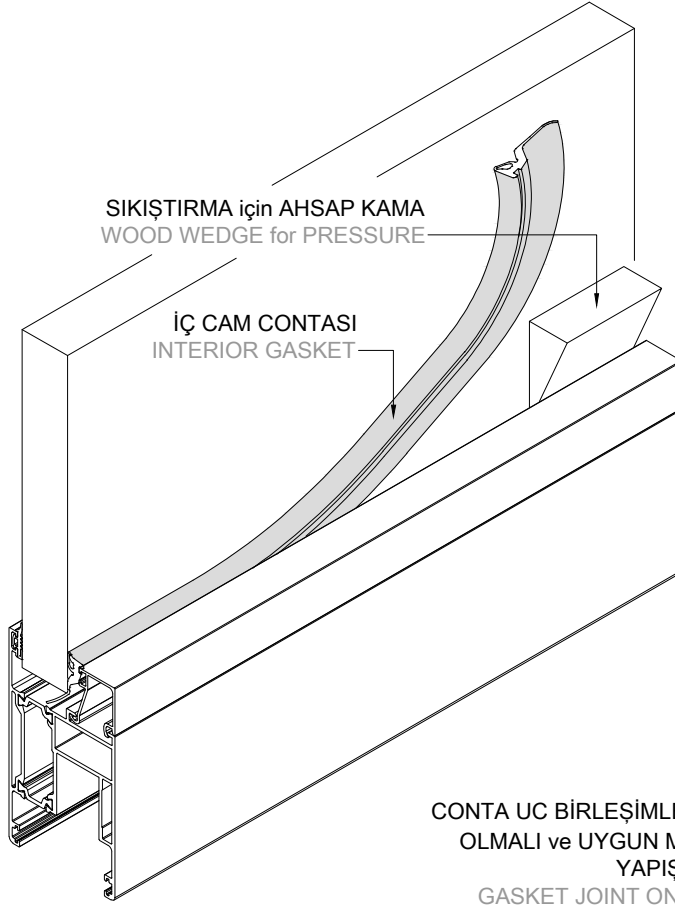
PROFİL ŞEKLİ PROFILE SECTION	PROFİL ADI PROFILE NO	KALIP KODU DIE NO	PROFİL TANIMI PROFILE DESCRIPTION	AĞIRLIK WEIGHT
	P 3078	20097	15.5mm CAM ÇITA PROFİLİ 15.5mm glazing bead profile	0.225kg/mt
	P 3081	-	19mm CAM ÇITA PROFİLİ 19mm glazing bead profile	0.240kg/mt
	P 3082	-	26mm CAM ÇITA PROFİLİ 26mm glazing bead profile	0.245kg/mt
	P 3083	-	33mm CAM ÇITA PROFİLİ 33mm glazing bead profile	0.270kg/mt
	P 1740	16400	RAY PROFİLİ rail profile	0.180kg/mt
	P 2488	19678	RAY PROFİLİ Rail Profile	0.170kg/mt
	P 3072	20056	YÜKSEK RAY PROFİLİ High rail profile	0.500kg/mt
	P 2205	19336	40mm PERVAZ PROFİLİ 40mm architrave profile	0.340kg/mt
	P 1177	12917	40mm PERVAZ PROFİLİ 40mm architrave profile	0.300kg/mt
	P 1178	13250	50mm PERVAZ PROFİLİ 50mm architrave profile	0.375kg/mt

PROFİL ŞEKLİ PROFILE SECTION	PROFİL ADI PROFILE NO	KALIP KODU DIE NO	PROFİL TANIMI PROFILE DESCRIPTION	AĞIRLIK WEIGHT
	P 1287	11214	42mm ÇİZGİLİ PERVAZ PROFİLİ 42mm architrave profile with lines	0.360kg/mt
	P 1222	12795	68mm PERVAZ PROFİLİ 68mm architrave profile	0.760kg/mt
	P 1321	13178	20mm PERVAZ PROFİLİ 20mm architrave profile	0.160kg/mt
	P 1761	16210	40mm UZUN PERVAZ PROFİLİ 40mm long architrave profile	0.890kg/mt
	P 3144	20758	40mm PERVAZ PROFİLİ 40mm architrave profile	0.440kg/mt
	P 3145	20759	PERVAZ İLAVE PROFİLİ Architrave Additional Profile	0.335kg/mt
	P 3148	10368	KAPATMA PROFİLİ closing profile	0.070kg/mt
	P 3073	20053	KAPAK PROFİLİ Cap Profile	0.235kg/mt
	P 3178	18337	TAKVİYE KAPAK PROFİLİ reinforcement cap profile	0.240kg/mt
	P 3179	21333	TAKVİYE PROFİLİ reinforcement profile	1.070kg/mt

PROFİL ŞEKLİ PROFILE SECTION	PROFİL ADI PROFILE NO	KALIP KODU DIE NO	PROFİL TANIMI PROFILE DESCRIPTION	AĞIRLIK WEIGHT
	P 1074	13334	TAKVİYE KAPAK PROFİLİ reinforcement cap profile	0.685kg/mt
	P 1073	13333	TAKVİYE PROFİLİ reinforcement profile	2.615kg/mt
	P 1117	10781	KÖŞE TAKOZ PROFİLİ corner cleat profile	3.035kg/mt
	P 1070	339	KÖŞE TAKOZ PROFİLİ corner cleat profile	6.220kg/mt
	P 3113	20357	KÖŞE TAKOZ PROFİLİ corner cleat profile	2.625kg/mt

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CAM MONTAJ TALİMATI
GLAZING ASSEMBLY



① CAM TAKOZU

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

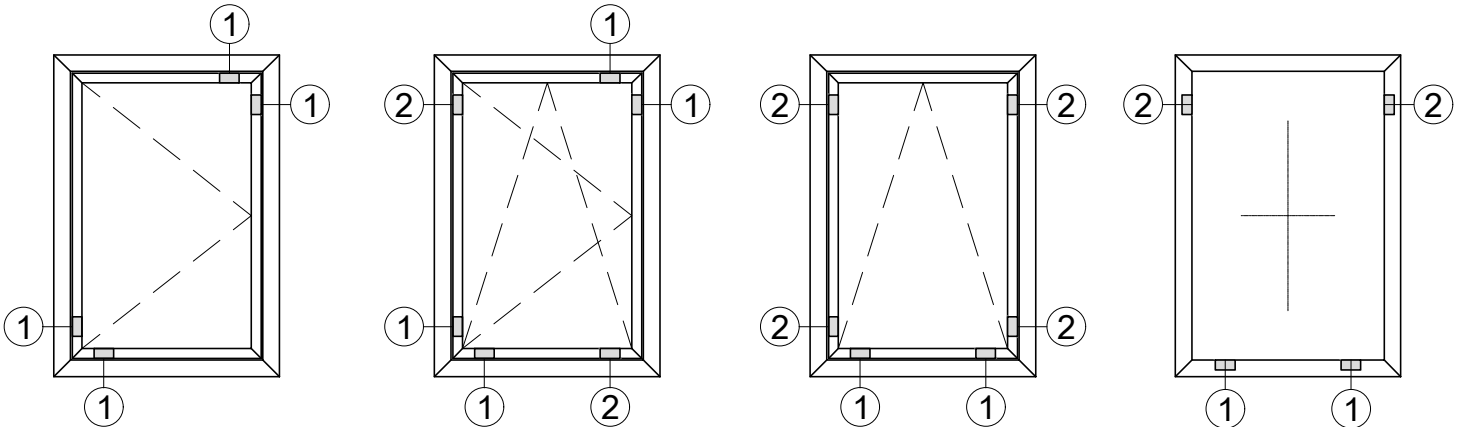
The assembly of glass reinforcement pieces has been showed at the top schemetically. The gap distance to the corner should be, the 5/1 or 10/1 of the sash size.

② MESAFE AYARLAMA TAKOZU

Mesafe ayar takozları camın alüminyum çerçeve içinde doğru pozisyonunda stabil olarak durmasını sağlar.
cam ile profil arasına takozları zorlamadan yerleştiriniz.

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.

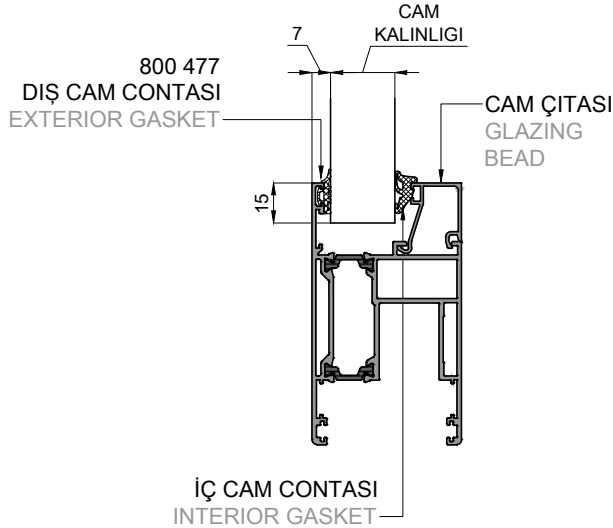


AKSESUAR ve DONANIM MONTAJINDAN ÖNCE,
CAM ve TAKOZLAMA İŞLEMİ YAPILMALIDIR.

THE PANE MUST BE SHIMMED IN THE SASH SO THAT THE SASH
OPERATES WITHOUT ADJUSTMENT OF THE HARDWARE.

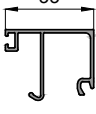
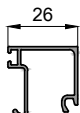
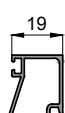
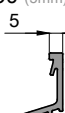
① TAŞIYICI TAKOZ
GLASS CLEAT

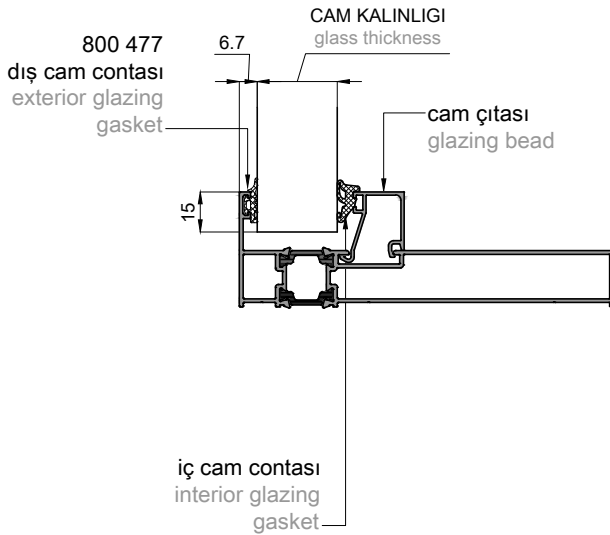
② AYAR TAKOZU
ADJUSTMENT PIECE



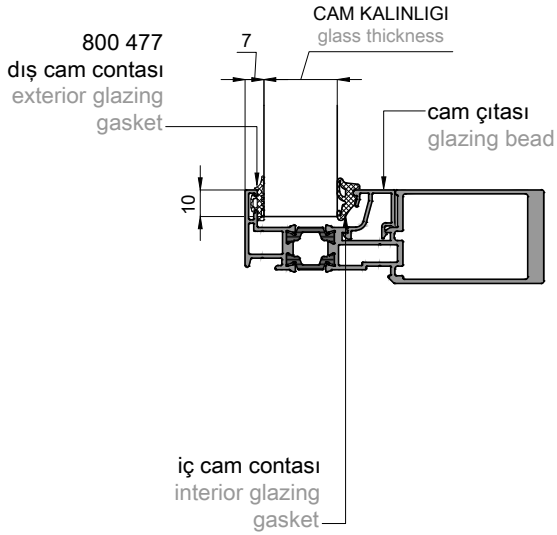
Yanda tablodaki veriler teoriktir.
Lütfen cam ve conta toleranslarını dikkate alınız.
selection tables promise a first planning.
Please keep the glass and gasket tolerances in mind.

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
10mm	P 1749 (33mm) 33			800 271 (6mm)
12mm				800 228 (4mm)
14mm	P 1748 (26mm) 26			800 278 (10mm)
16mm				800 277 (8mm)
18mm				800 271 (6mm)
20mm	P 1747 (19mm) 19			800 278 (10mm)
22mm				800 277 (8mm)
24mm				800 271 (6mm)
26mm	P 1746 (15.5mm) 15.5			800 277 (8mm)
28mm				800 271 (6mm)
30mm	P 1745 (12mm) 12			800 277 (8mm)
32mm				800 271 (6mm)
34mm	P 1750 (5mm) 5			800 278 (10mm)
36mm				800 277 (8mm)
38mm				800 271 (6mm)
40mm				800 228 (4mm)
42mm	P 3067 (2.5mm) 2.5			800 594 (3.5mm)

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 1749 (33mm) 33		 800 271 (6mm)	
18mm			 800 228 (4mm)	
20mm	P 1748 (26mm) 26		 800 278 (10mm)	
22mm			 800 277 (8mm)	
24mm			 800 271 (6mm)	
26mm	P 1747 (19mm) 19		 800 278 (10mm)	
28mm			 800 277 (8mm)	
30mm			 800 271 (6mm)	
32mm	P 1746 (15.5mm) 15.5		 800 277 (8mm)	
34mm			 800 271 (6mm)	
36mm	P 1745 (12mm) 12		 800 277 (8mm)	
38mm			 800 271 (6mm)	
40mm	P 1750 (5mm) 5		 800 278 (10mm)	
42mm			 800 277 (8mm)	
44mm			 800 271 (6mm)	
46mm			 800 228 (4mm)	

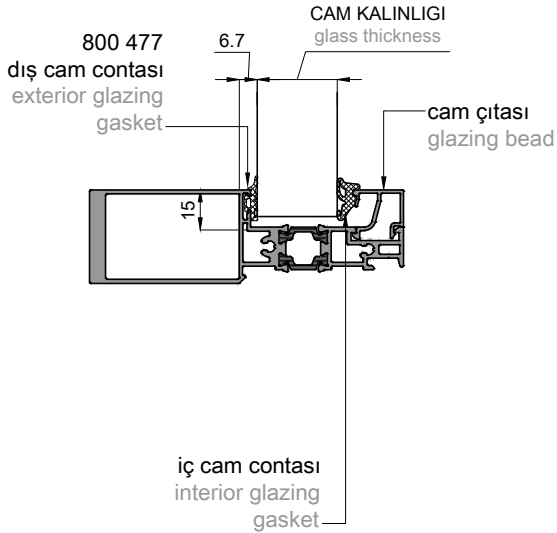


Yanda tablodaki veriler teoriktir.
Lütfen cam ve conta toleranslarını dikkate alınız.
selection tables promise a first planning.
Please keep the glass and gasket tolerances in mind.



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.

CAM KALINLIĞI glass thickness	ÇITA glazing bead		CAM CONTASI glazing gasket
	profil section	kod code	
10mm	P 3083 (33mm) 33		800 271 (6mm)
12mm			800 228 (4mm)
14mm	P 3082 (26mm) 26		800 278 (10mm)
16mm			800 277 (8mm)
18mm			800 271 (6mm)
20mm	P 3081 (19mm) 19		800 278 (10mm)
22mm			800 277 (8mm)
24mm			800 271 (6mm)
26mm	P 3078 (15.5mm) 15.5		800 277 (8mm)
28mm			800 271 (6mm)
30mm	P 3080 (12mm) 12		800 277 (8mm)
32mm			800 271 (6mm)
34mm	P 3079 (5mm) 5		800 278 (10mm)
36mm			800 277 (8mm)
38mm			800 271 (6mm)
40mm			800 228 (4mm)



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.

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 3083 (33mm) 33		 800 271 (6mm)	
18mm			 800 228 (4mm)	
20mm	P 3082 (26mm) 26		 800 278 (10mm)	
22mm			 800 277 (8mm)	
24mm			 800 271 (6mm)	
26mm	P 3081 (19mm) 19		 800 278 (10mm)	
28mm			 800 277 (8mm)	
30mm			 800 271 (6mm)	
32mm	P 3078 (15.5mm) 15.5		 800 277 (8mm)	
34mm			 800 271 (6mm)	
36mm	P 3080 (12mm) 12		 800 277 (8mm)	
38mm			 800 271 (6mm)	
40mm	P 3079 (5mm) 5		 800 278 (10mm)	
42mm			 800 277 (8mm)	
44mm			 800 271 (6mm)	
46mm			 800 228 (4mm)	

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LIFT&SLIDE DOOR SYSTEM

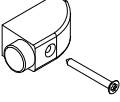
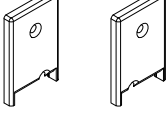
CONTALAR
GASKETS

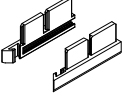
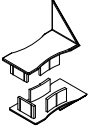
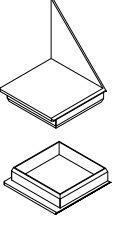
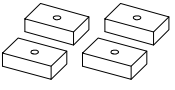
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	800 228	EPDM	4mm İÇ CAM CONTASI interior glazing gasket 4mm	200mt/pk 0,075kg/mt
	800 271	EPDM	6mm İÇ CAM CONTASI interior glazing gasket 6mm	192mt/pk 0,078kg/mt
	800 277	EPDM	8mm İÇ CAM CONTASI interior glazing gasket 8mm	150mt/pk 0,100kg/mt
	800 278	EPDM	10mm İÇ CAM CONTASI interior glazing gasket 10mm	120mt/pk 0,125kg/mt
	800 386	EPDM	KANAT BİNİ CONTASI overlap gasket for sash	500mt/pk 0,027kg/mt
	800 259	FİRÇA	PERDELİ FİRÇA FİTİL brush gasket with fin	275mt/pk 2x275mt
	800 459	EPDM	KASA KANAL KAPATMA CONTASI closing gasket for frame	140mt/pk 0,108kg/mt
	800 470	EPDM	KANAT ÜST CONTASI sash top gasket	323mt/pk 0,031kg/mt
	800 472	EPDM	KASA KANAL KAPATMA CONTASI closing gasket for frame	183mt/pk 0,082kg/mt
	800 475	EPDM	KASA DÜŞEY BİNİ CONTASI vertical overlap gasket for frame	333mt/pk 0,045kg/mt

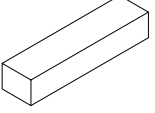
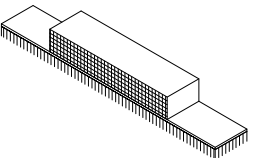
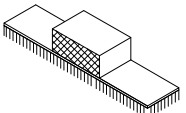
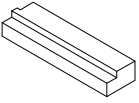
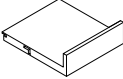
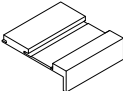
CONTA ŞEKLİ GASKET SECTION	CONTA KODU GASKET NO	MALZEME MATERIAL	CONTA TANIMI GASKET DESCRIPTION	PAKET PACKAGE
	800 477	EPDM	DIŞ CAM CONTASI ekterior glazing gasket	300mt/pk 0,050kg/mt
	800 476	EPDM	ÇİFT KANAT BİNİ CONTASI overlap gasket for double sash	236mt/pk 0,055kg/mt
	800 471	EPDM	KANAT ALT ve YAN CONTASI sash bottom and side gasket	405/pk 0,037kg/mt
	800 480	EPDM	KAPAK CONTASI frame cap gasket	435mt/pk 0,023kg/mt
	801 302	EPDM	KENET SIZDIRMAZLIK CONTASI interlock gasket	200mt/pk 0,050kg/mt
	800 307	EPDM	ADAPTÖR KANAL KAPATMA CONTASI closing gasket for adapter	162mt/pk 0,080kg/mt
	801 116	EPDM	KASA KANAL KAPATMA CONTASI closing gasket for frame	255mt/pk 0,039kg/mt

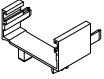
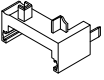
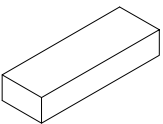
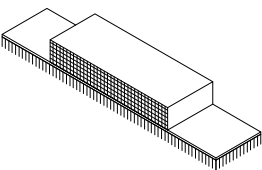
UNIQUE Max
KALDIR ve SÜR KAPI SİSTEMİ
LIFT&SLIDE DOOR SYSTEM

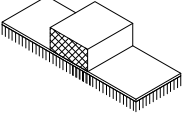
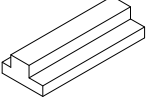
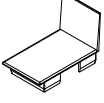
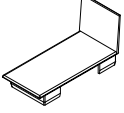
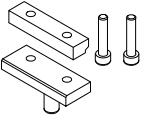
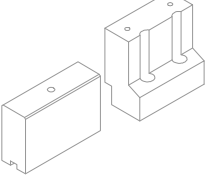
AKSESUARLAR
ACCESSORIES

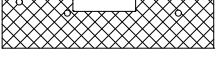
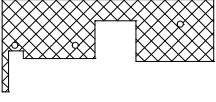
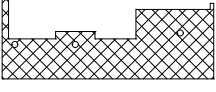
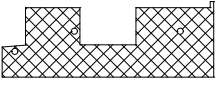
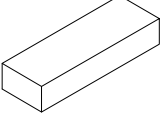
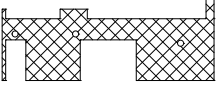
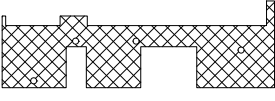
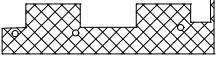
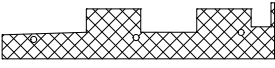
AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	700 356	KANAT İÇ BİNİ İÇİN ONBAŞI aluminum corner angle for sash	500 adet/pieces
	700 303	PVC KÖŞE ONBAŞI pvc corner angle for architrave	500 adet/pieces
	700 479	STEEL KÖŞE ONBAŞI steel corner angle for architrave	100 adet/pieces
	700 329	STEEL KÖŞE ONBAŞI steel corner angle for architrave	100 adet/pieces
	702 303	KANAT DURDURUCU BUMPER for SASH	50 adet/pieces
	700 473	KANAT DURDURUCU bumper for sash	50 adet/pieces
	700 742	ÜST KENET KAPAK SETİ interlock top cover plug	10 adet/pieces
	700 743	ALT KENET KAPAK SETİ interlock bottom cover plug	10 çift/pair
	700 451	SU TAHLİYE KAPAGI Water drain cap (tüm kasa profilleri ile kullanılır)	50 adet/pieces
	702 402	KİTLEME PİMİ DESTEK PARÇASI locking pin support piece	50 adet/pieces

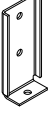
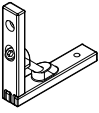
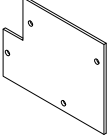
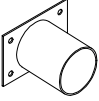
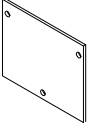
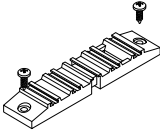
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	702 231	KANAT SALLANTI ENGELLEME TAKOZU anti swing block for sash	100 adet/pieces
	700 741	KANAT STOPERİ sash bumper plug	100 adet/pieces
	702 338	KENET İLAVE SIZDIRMAZLIK PARÇASI Additional tightness plug for interlock	20 adet/pieces
	700 758	PVC KAPAK pvc cap plug	50 çift/pair
	700 864	TAKVİYELİ KANAT PROFİLİ ALT ve ÜST KAPAGI pvc cap plug for reinforcement sash	10 çift/pair
	700 799	TAKVİYELİ KANAT PROFİLİ ALT ve ÜST KAPAGI pvc cap plug for reinforcement sash	10 çift/pair
	700 672	VALFLİ SU TAHLİYE KAPAGI water drain cap with valve	50 adet/pieces
	700 757	VALFLİ SU TAHLİYE KAPAGI water drain cap with valve	50 adet/pieces
	702 343	300 KG LİK ARABA DESTEK TAKOZU adhesive tape for bottom frame	10 çift/pair

AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	700 735	101 mm KENET İÇİN (P 3107) KASA ALT SIZDIRMAZLIK SÜNGERİ bottom tightness plug for (P 3107) frame 101 mm interlock	20 adet/pieces
	700 738	101 mm KENET İÇİN (P 3108) KASA ÜST SIZDIRMAZLIK PARÇASI top tightness plug for frame (P 3108) 101 mm interlock	20 adet/pieces
	702 360	35 mm KENET İÇİN (P 3107) KASA ALT SIZDIRMAZLIK SÜNGERİ bottom tightness plug of the (P 3107) frame for 35mm interlock	20 adet/pieces
	702 361	35 mm KENET İÇİN (P 3108) KASA ÜST SIZDIRMAZLIK PARÇASI top tightness plug of the (P 3108) frame for 35mm interlock	20 adet/pieces
	702 369	101 mm KENET İÇİN SIFIR EŞİK KASA ALT SIZDIRMAZLIK SÜNGERİ bottom tightness plug of the Flat Sill Bottom Frame for 101mm interlock	20 adet/pieces
	702 355	35 mm KENET İÇİN SIFIR EŞİK KASA ALT SIZDIRMAZLIK SÜNGERİ bottom tightness plug of the Flat Sill Bottom Frame for 35mm interlock	20 adet/pieces
	702 373	3107 KASA PROFİL İÇİN T BİRLEŞİM SÜNGERİ t joint epdm foam for 3107 frame profile	20 adet/pieces
	702 374	3108 KASA PROFİL İÇİN T BİRLEŞİM SÜNGERİ t joint epdm foam for 3108 frame profile	20 adet/pieces
	702 379	35 mm KENET İÇİN ÜST T BİRLEŞİM SÜNGERİ top t joint epdm foam for 35mm interlock	20 adet/pieces
	702 380	35 mm KENET İÇİN ALT T BİRLEŞİM SÜNGERİ bottom t joint epdm foam for 35mm interlock	20 adet/pieces

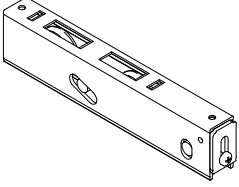
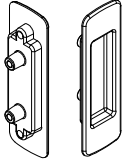
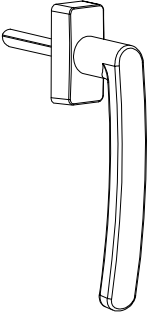
AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	702 381	KASA PROFİL İÇİN KENET İLAVE SIZDIRMAZLIK PARÇASI Additional tightness plug for interlock for frame profile	20 adet/pieces
	702 358	SIFIR EŞİK KASA PROFİL İÇİN KENET İLAVE SIZDIRMAZLIK PARÇASI Additional tightness plug for interlock for frame profile	20 adet/pieces
	702 382	KENET İLAVE ÜST SIZDIRMAZLIK PARÇASI SAĞ Additional tightness plug for bottom interlock right	20 adet/pieces
	702 383	KENET İLAVE ÜST SIZDIRMAZLIK PARÇASI SOL Additional tightness plug for bottom interlock left	20 adet/pieces
	702 359	KENET İLAVE SIZDIRMAZLIK PARÇASI SOL Additional tightness plug for interlock left	20 adet/pieces
	702 357	KENET İLAVE SIZDIRMAZLIK PARÇASI SAĞ Additional tightness plug for interlock right	20 adet/pieces
	700 731	101 mm KENET İÇİN KASA (P 3110) ALT SIZDIRMAZLIK SÜNGERİ bottom tightness plug for frame(P 3110) 101 mm interlock	20 adet/pieces
	702 388	35 mm KENET İÇİN KASA (P 3110) ALT SIZDIRMAZLIK SÜNGERİ bottom tightness plug for frame(P 3110) 35 mm interlock	20 adet/pieces
	700 736	101 mm KENET İÇİN KASA (P 3109) ÜST SIZDIRMAZLIK PARÇASI top tightness plug for frame (P 3109) 101 mm interlock	20 adet/pieces

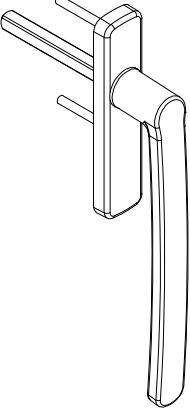
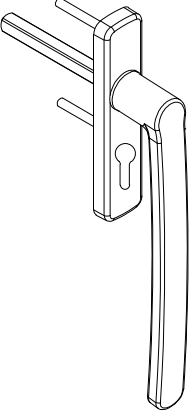
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	702 389	35 mm KENET İÇİN KASA (P 3109) ÜST SIZDIRMAZLIK PARÇASI top tightness plug for frame (P 3109) 35 mm interlock	20 adet/pieces
	702 339	101 mm KENET İÇİN KASA (P 3071) ALT SIZDIRMAZLIK SÜNGERİ bottom tightness plug for frame(P 3071) 101 mm interlock	20 adet/pieces
	702 390	35 mm KENET İÇİN KASA (P 3071) ALT SIZDIRMAZLIK SÜNGERİ bottom tightness plug for frame(P 3071) 35 mm interlock	20 adet/pieces
	702 341	KENET İLAVE SIZDIRMAZLIK PARÇASI Additional tightness plug for interlock	20 adet/pieces
	702 386	P 3087-P 3075 kanat için kapak Sash for P 3087-P 3075 cover	20 adet/pieces
	702 387	P 3076 kanat için kapak Sash for P 3076 cover	20 adet/pieces
	701 173	SIFIR EŞİK İÇİN ALT KİTLEME lock bottom for flat sill	50 adet/pieces
	700 749	KANAT SABİTLEME TAKOZU sash fixed plug	10 çift/pair
	702 354	SIFIR EŞİK KASA PROFİLİ(P 3094) için YALITIM BANTI adhesive tape for flat sill bottom frame profile (P 3094)	50 adet/pieces

AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	702 342	SIFIR EŞİK KASA PROFİLİ(P 3071) için YALITIM BANTI adhesive tape for flat sill bottom frame profile(P 3071)	50 adet/pieces
	702 376	TEK RAYLI ÜST KASA için YALITIM BANTI adhesive tape for top single track frame	50 adet/pieces
	702 375	TEK RAYLI ALT KASA için YALITIM BANTI adhesive tape for bottom single track frame	50 adet/pieces
	702 384	ÇİFT RAYLI ÜST KASA için YALITIM BANTI adhesive tape for top double track frame	50 adet/pieces
	702 385	ÇİFT RAYLI ALT KASA için YALITIM BANTI adhesive tape for bottom double track frame	50 adet/pieces
	702 407	101 mm KENET İÇİN KASA (P 3155) ALT SIZDIRMAZLIK SÜNGERİ bottom tightness plug for frame(P 3155) 101 mm interlock	20 adet/pieces
	702 403	ÇİFT RAYLI ÜST KASA için YALITIM BANTI adhesive tape for top double track frame	50 adet/pieces
	702 404	ÇİFT RAYLI ÜST KASA için YALITIM BANTI adhesive tape for top double track frame	50 adet/pieces
	702 405	ÇİFT RAYLI ALT KASA için YALITIM BANTI adhesive tape for bottom double track frame	50 adet/pieces
	702 406	ÇİFT RAYLI ALT KASA için YALITIM BANTI adhesive tape for bottom double track frame	50 adet/pieces

AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	700 748	ORTADAN HAREKETLİ KANAT T BİRLEŞİM ANKRAJI T connection bracket for middle moving sash	20 adet/pieces
	700 684	CIVATALI PVC KÖŞE TAKOZU bolted pvc corner wedge	50 adet/pieces
	700 988	SU KANALI PROFİLİ UC KAPAKLARI P 2328 için(For P 2328) end dam for water channel profile	20 adet/pieces
	700 989	SU BORUSU BAĞLANTISI water pipe connection	20 adet/pieces
	701 052	SU KANALI PROFİLİ UC KAPAKLARI P 2467 için(For P 2467) end dam for water channel profile	20 adet/pieces
	700 509	KİLİT KARŞILIGI keeper	25 adet/pieces
	700 474	101 mm KENET İÇİN(basit sürme için) KASA ALT SIZDIRMAZLIK SÜNGERİ bottom tightness plug of the frame for 101mm interlock	25 adet/pieces
	702 346	YSB İNOX VİDA stainless steel pan head screw	200 adet/pieces
	702 347	YSB İNOX VİDA stainless steel pan head screw	200 adet/pieces
	702 348	YSB İNOX VİDA stainless steel pan head screw	200 adet/pieces

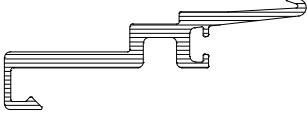
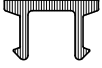
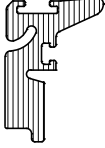
AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	702 332	YHB İNOX VİDA stainless steel countersunk screw	200 adet/pieces
	702 333	YHB İNOX VİDA stainless steel countersunk screw	200 adet/pieces
	702 334	YHB İNOX VİDA stainless steel countersunk screw	200 adet/pieces
	702 335	YHB İNOX VİDA stainless steel countersunk screw	200 adet/pieces
	702 336	YSB İNOX VİDA stainless steel pan head screw	200 adet/pieces
	702 345	YHB İNOX VİDA stainless steel countersunk screw	200 adet/pieces
	702 344	YSB İNOX VİDA stainless steel pan head screw	200 adet/pieces
	702 356	YSB İNOX VİDA stainless steel pan head screw	200 adet/pieces
	700 814	İNOX VİDA stainless steel screw	200 adet/pieces
	702 352	YSB İNOX VİDA stainless steel pan head screw	200 adet/pieces

AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	700 584	AYARLI RULMAN adjustable roller	20 adet/pieces
	700 836	HAVUZLU KOL (BASİT SÜRME İÇİN) pool handle (for simple riding)	1 adet/pieces
	700 838	HAVUZLU KOL (KALDIR-SÜR SÜRME İÇİN) pool handle (for lift-slide sliding)	1 adet/pieces
	700 835	PARALEL SÜRME İÇİN 180mm DÜZ KOL for sliding 180mm handle	1 adet/pieces

AKSESUAR ŞEKLİ ACCESSORIES SHAPE	AKSESUAR ACCESS. NO	AKSESUAR TANIMI ACCESSORIES DESCRIPTION	MİKTAR QUANTITY
	700 834	250mm DÜZ KOL 250mm handle	1 adet/pieces
	700 837	250mm DÜZ KOL 250mm handle	1 adet/pieces

UNIQUE Max
KALDIR ve SÜR KAPI SİSTEMİ
LIFT&SLIDE DOOR SYSTEM

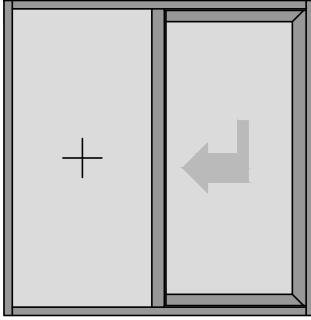
PLASTİK PROFİLLER
PVC PROFILES

PROFİL ŞEKLİ PROFILE SECTION	PROFİL KODU PROFILE NO	MALZEME MATERIAL	PROFİL TANIMI PROFILE DESCRIPTION	PAKET PACKAGE
 0,310kg/mt	600 459	POLYAMİD	GENİŞ KENET PROFİLİ interlock for wide sash	6mt 25ad/pk
 0,110kg/mt	600 448	PVC	KASA KANAL KAPATMA PROFİLİ frame closing profile	6mt 25ad/pk
 0,100kg/mt	600 424	PVC	KANAL KAPATMA PROFİLİ closing profile	6mt 25ad/pk
 0,305kg/mt	600 520	PVC	DAR PVC KENET PROFİLİ pvc interlock for slim sash	6mt 25ad/pk

UNIQUE Max
KALDIR ve SÜR KAPI SİSTEMİ
LIFT&SLIDE DOOR SYSTEM

UYGULANABİLİR AÇILIM TİPLERİ
APPLICABLE OPENING TIPOLOGIES

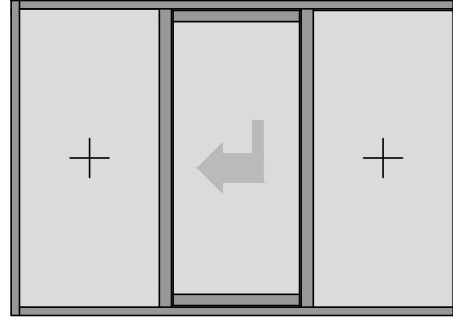
tek raylı kasa,tek kanat kayar,tek sabit camlı
single track,single sash slide,single fix glass



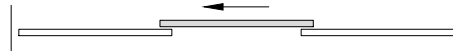
dış görünüş-external view



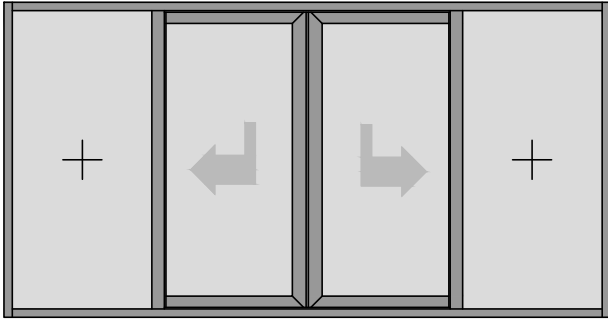
tek raylı kasa,tek kanat kayar,iki sabit camlı
single track,single sash slide,double fix glass



dış görünüş-external view



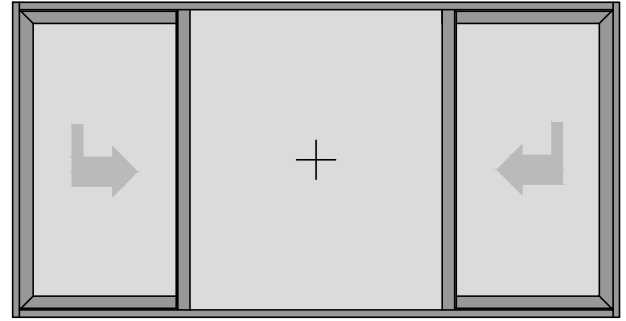
tek raylı kasa,çift kanat kayar,çift sabit camlı
single track,two sashes slide,two fix glasses



dış görünüş-external view



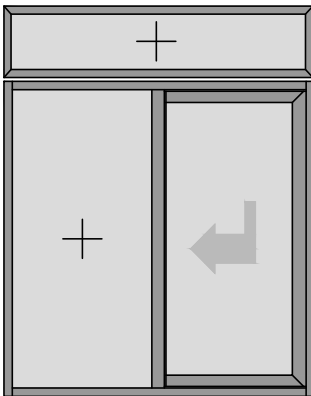
tek raylı kasa,çift kanat kayar,ortada tek sabit camlı
single track,two sashes slide,single fix glass in the middle



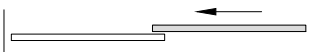
dış görünüş-external view



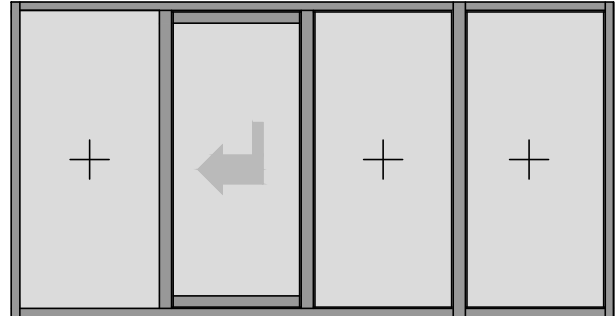
tek raylı kasa,tek kanat kayar,tek sabit camlı üst sabit
single track,single sash slide,single fix glass top fix



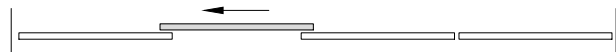
dış görünüş-external view



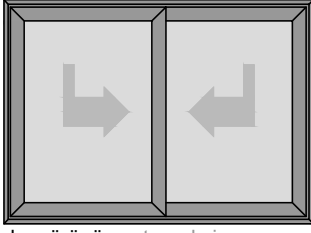
tek raylı kasa,tek kanat kayar,üç sabit camlı
single track,single sash slide,tribe fix glass



dış görünüş-external view



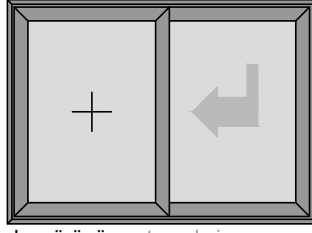
çift raylı kasa, çift kanat kayar,
double tracks, double sash slide



dış görünüş-external view

7

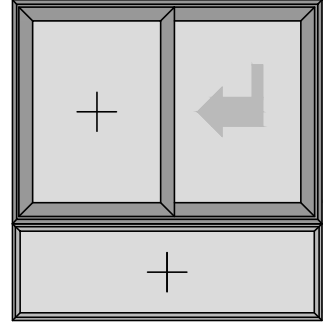
çift raylı kasa, tek kanat kayar,
tek kanat sabit,
double tracks, single sash slide,
single sash fix



dış görünüş-external view

8

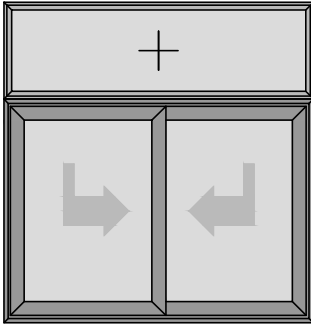
çift raylı kasa, tek kanat kayar,
tek sabit camlı, altta sabit pencere,
double tracks, one sash slide, one fix sash,
fix window bottom



dış görünüş-external view

9

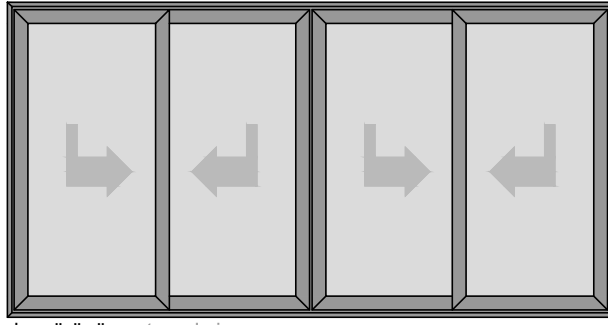
çift raylı kasa, çift kanat kayar,
altta sabit pencere,
double tracks, two sashes slide,
fix window top



dış görünüş-external view

10

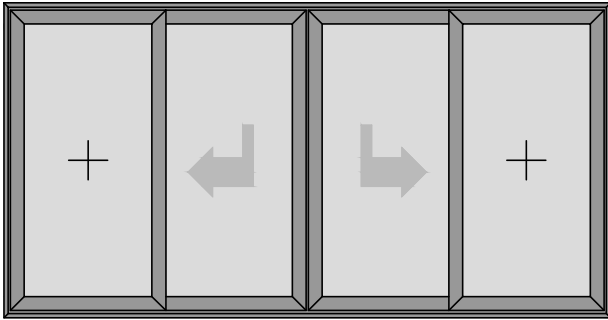
çift raylı kasa, dört kanat kayar,
double tracks, four sashes slide,



dış görünüş-external view

11

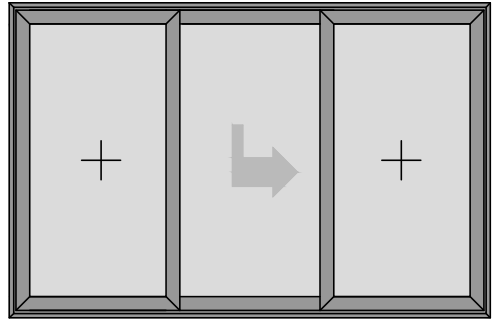
çift raylı kasa, çift kanat kayar, çift kanat sabit,
double tracks, two sashes slide, two sashes fix



dış görünüş-external view

12

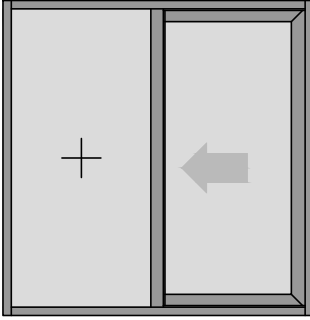
çift raylı kasa, ortada tek kanat kayar, çift kanat sabit,
double tracks, one sash slide in the middle, two sashes fix



dış görünüş-external view

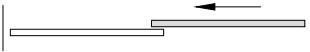
13

tek raylı kasa,tek kanat kayar,tek sabit camlı
single track,single sash slide,single fix glass

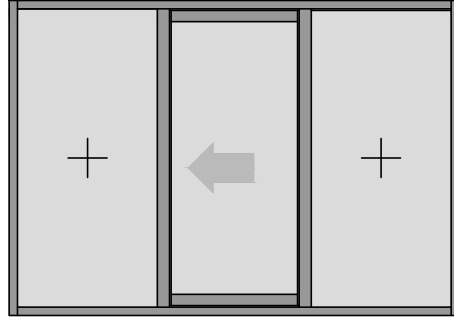


14

dış görünüş-external view

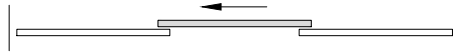


tek raylı kasa,tek kanat kayar,iki sabit camlı
single track,single sash slide,double fix glass

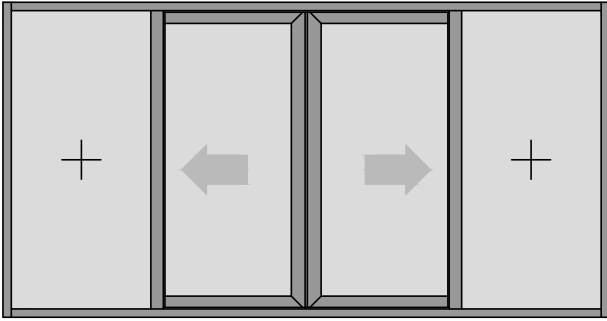


15

dış görünüş-external view



tek raylı kasa,çift kanat kayar,çift sabit camlı
single track,two sashes slide,two fix glasses

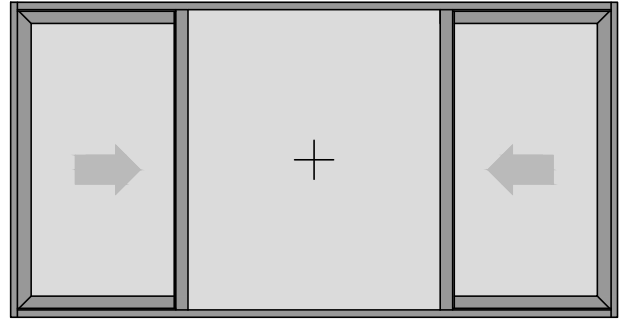


16

dış görünüş-external view



tek raylı kasa,çift kanat kayar,ortada tek sabit camlı
single track,two sashes slide,single fix glass in the middle

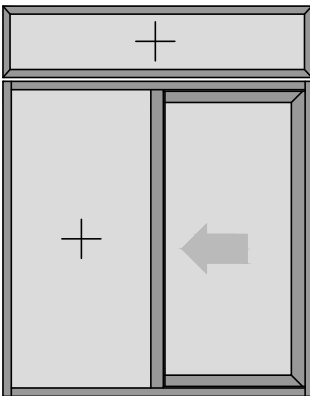


17

dış görünüş-external view

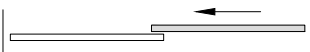


tek raylı kasa,tek kanat kayar,tek sabit camlı üst sabit
single track,single sash slide,single fix glass top fix

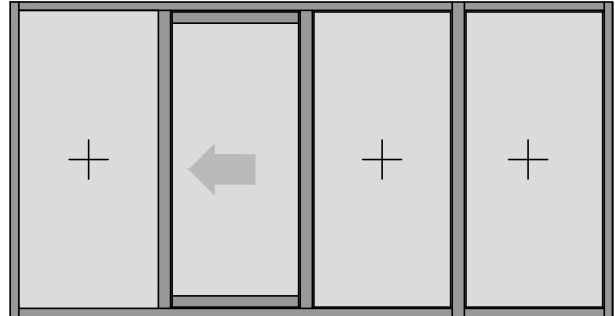


18

dış görünüş-external view

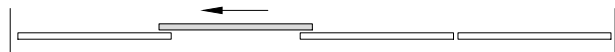


tek raylı kasa,tek kanat kayar,üç sabit camlı
single track,single sash slide,tribe fix glass

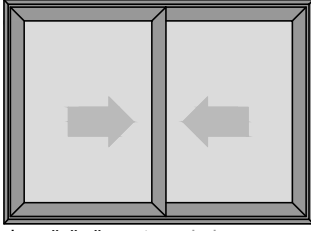


19

dış görünüş-external view

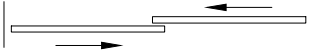


çift raylı kasa, çift kanat kayar
double tracks, double sash slide

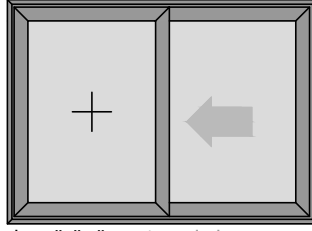


20

dış görünüş-external view

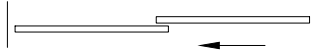


çift raylı kasa, tek kanat kayar,
tek kanat sabit,
double tracks, single sash slide,
single sash fix

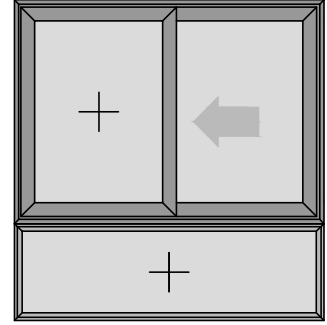


21

dış görünüş-external view

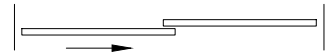


çift raylı kasa, tek kanat kayar,
tek sabit camlı, altta sabit pencere,
double tracks, one sash slide, one fix sash,
fix window bottom

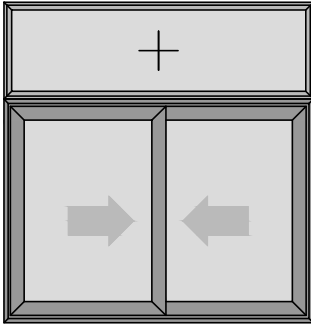


22

dış görünüş-external view

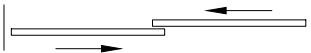


çift raylı kasa, çift kanat kayar,
altta sabit pencere,
double tracks, two sashes slide,
fix window top

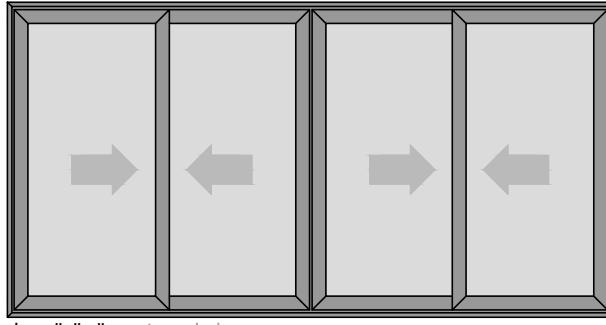


23

dış görünüş-external view



çift raylı kasa, dört kanat kayar,
double tracks, four sashes slide,

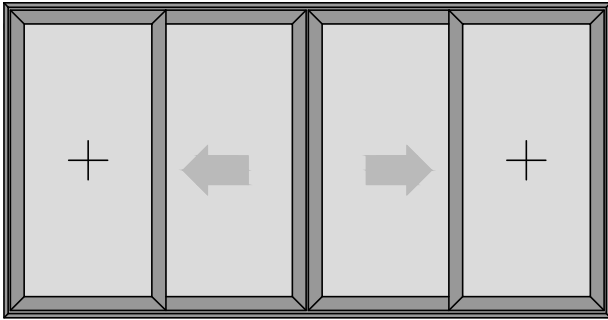


24

dış görünüş-external view



çift raylı kasa, çift kanat kayar, çift kanat sabit,
double tracks, two sashes slide, two sashes fix

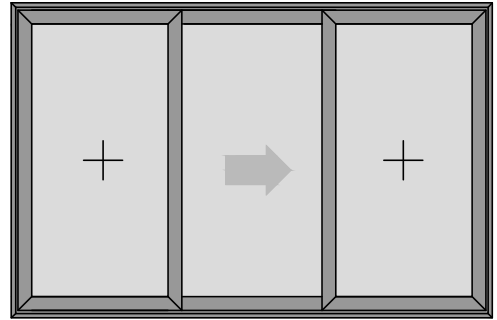


25

dış görünüş-external view

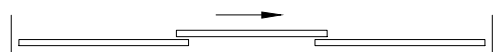


çift raylı kasa, ortada tek kanat kayar, çift kanat sabit,
double tracks, one sash slide in the middle, two sashes fix



26

dış görünüş-external view

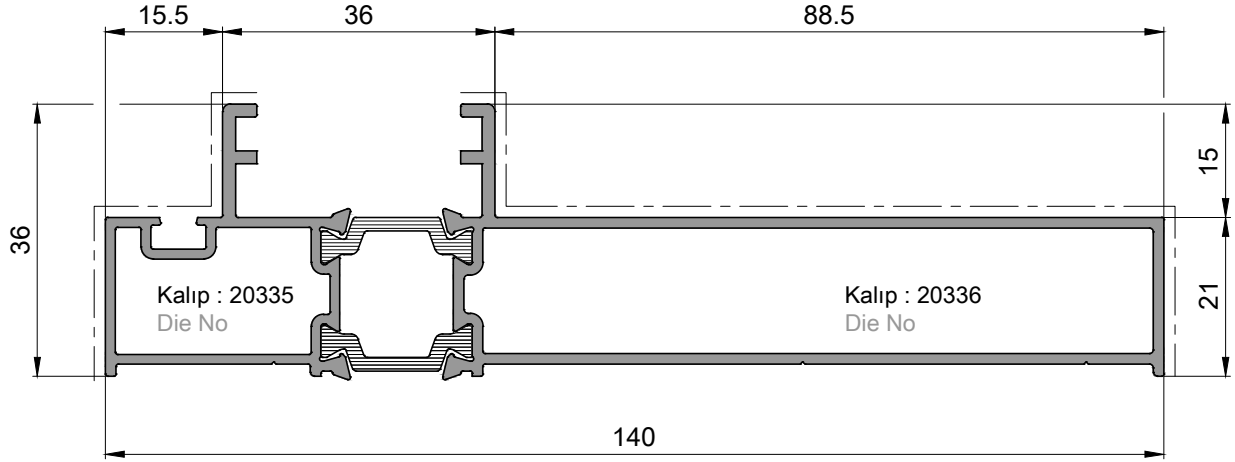


UNIQUE Max
KALDIR ve SÜR KAPI SİSTEMİ
LIFT&SLIDE DOOR SYSTEM

TAM ÖLÇEKLİ ALUMİNYUM PROFİLLER
FULL SCALE ALUMINIUM PROFILES

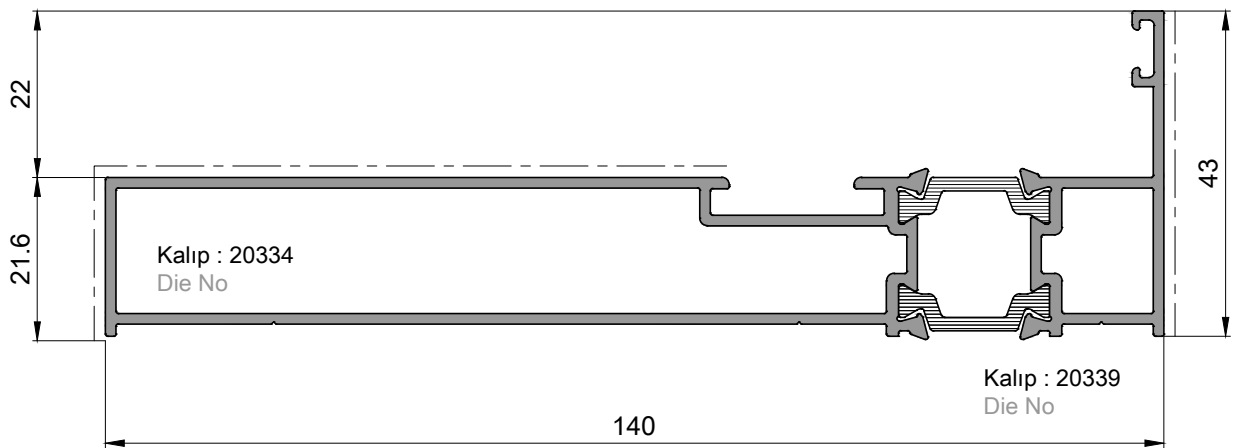
P 3105

Yan Kasa Profili / 1,655kg/mt
Side Frame Profile



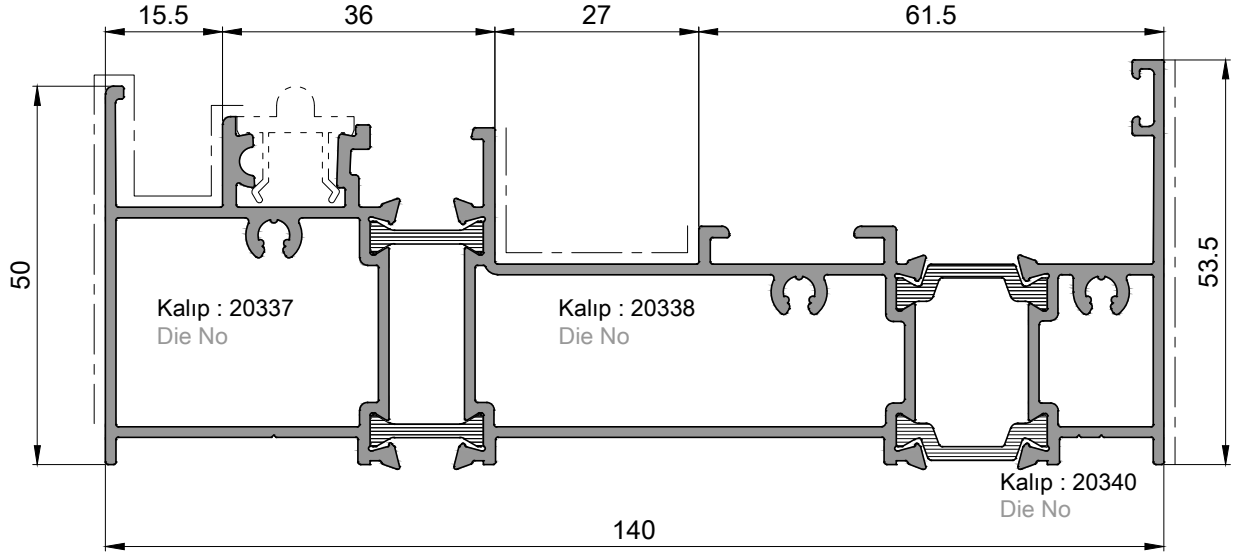
P 3106

Yan Kasa Profili / 1,620kg/mt
Side Frame Profile



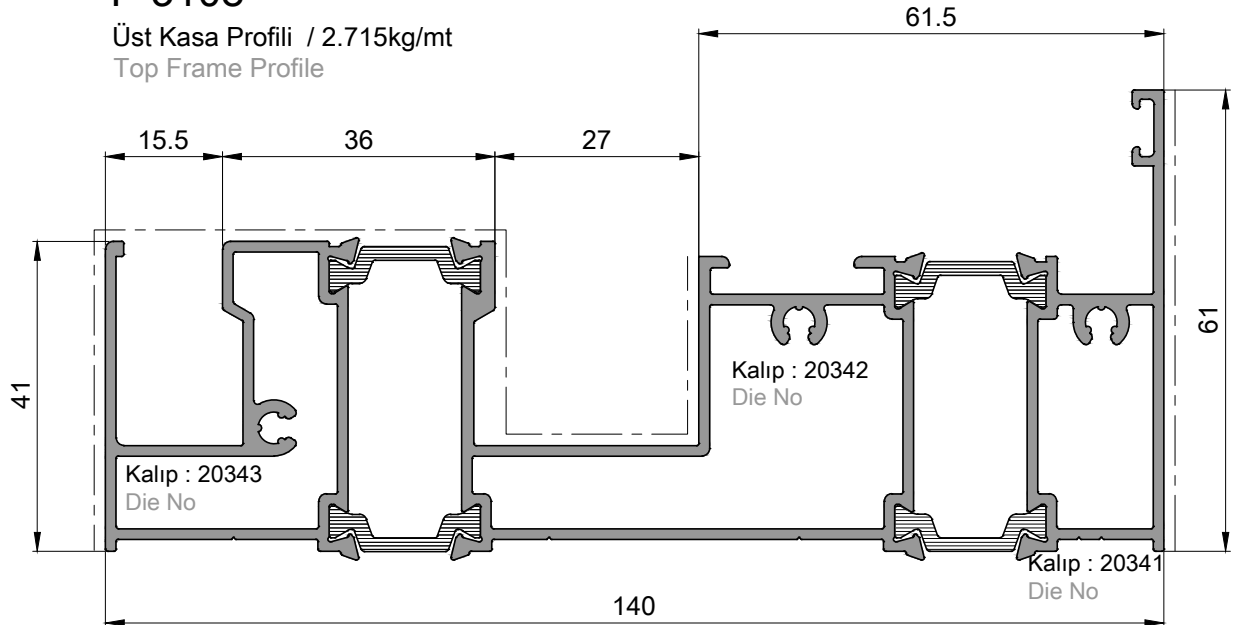
P 3107

Alt Kasa Profili / 2.560kg/mt
Bottom Frame Profile



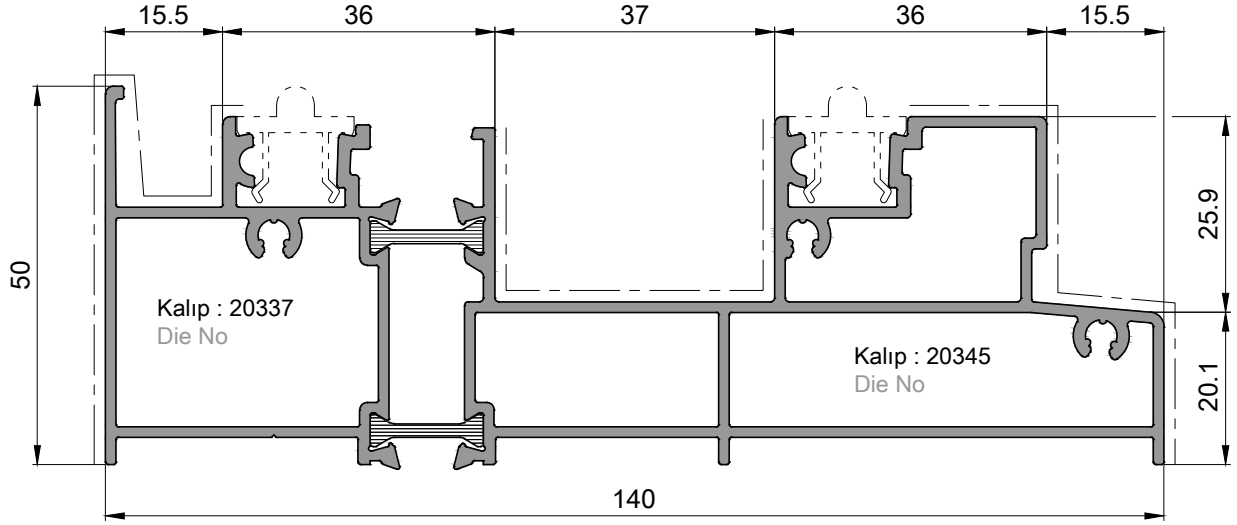
P 3108

Üst Kasa Profili / 2.715kg/mt
Top Frame Profile



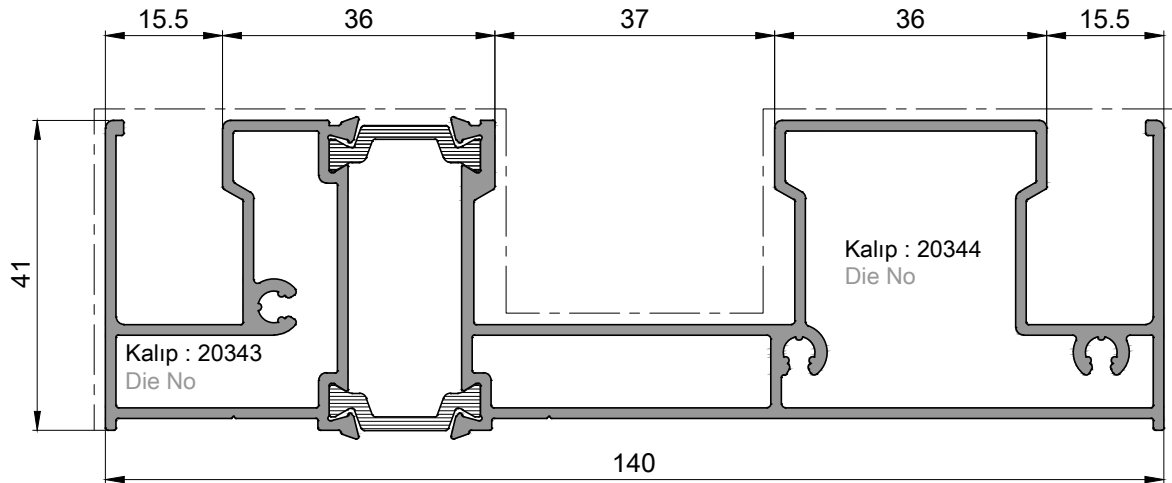
P 3110

Alt Kasa Profili / 2.520kg/mt
Bottom Frame Profile



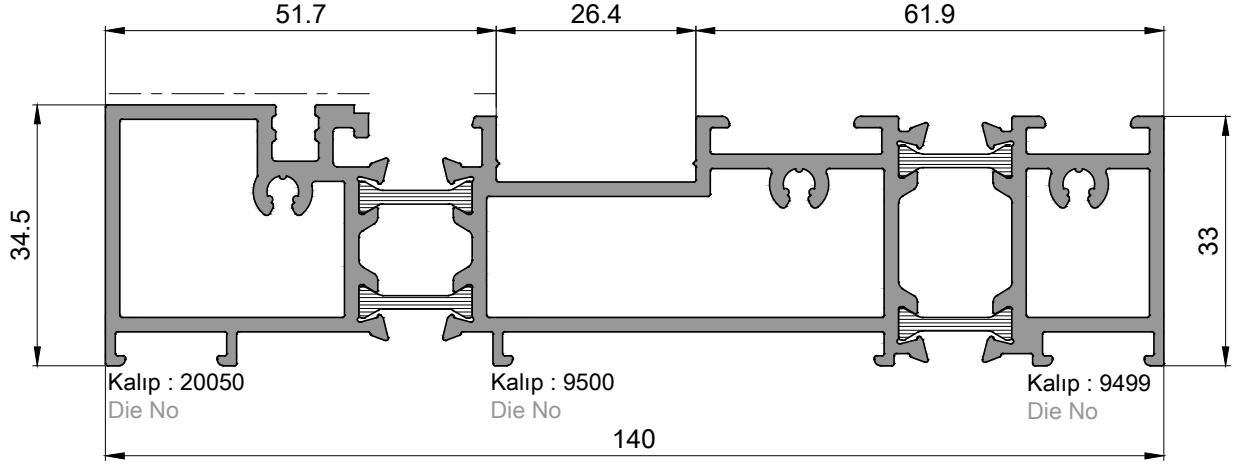
P 3109

Üst Kasa Profili / 2.365kg/mt
Top Frame Profile



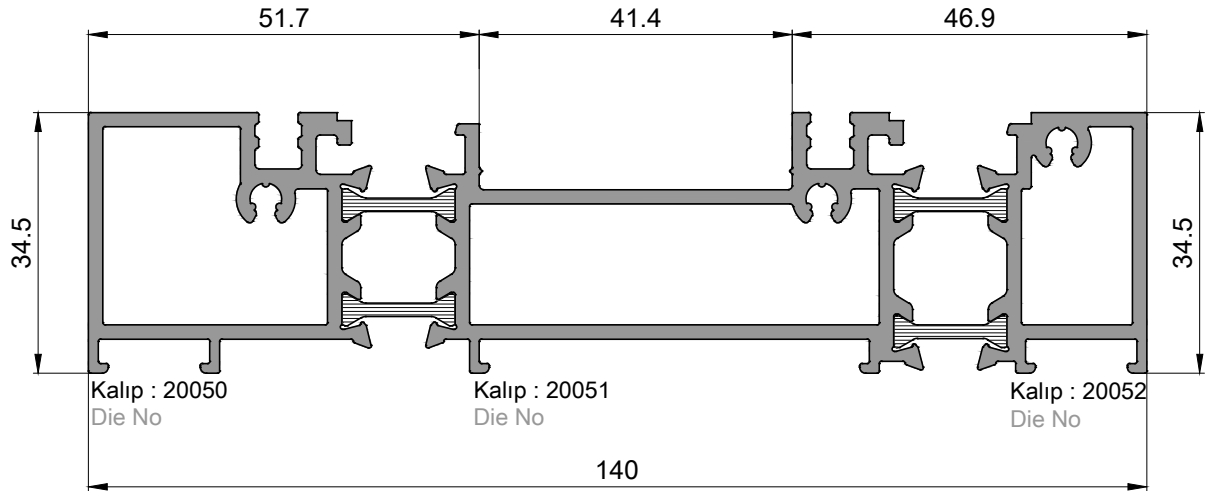
P 3094

Sıfır Eşik Kasa Profili / 2.910kg/mt
Flat Sill Bottom Frame Profile



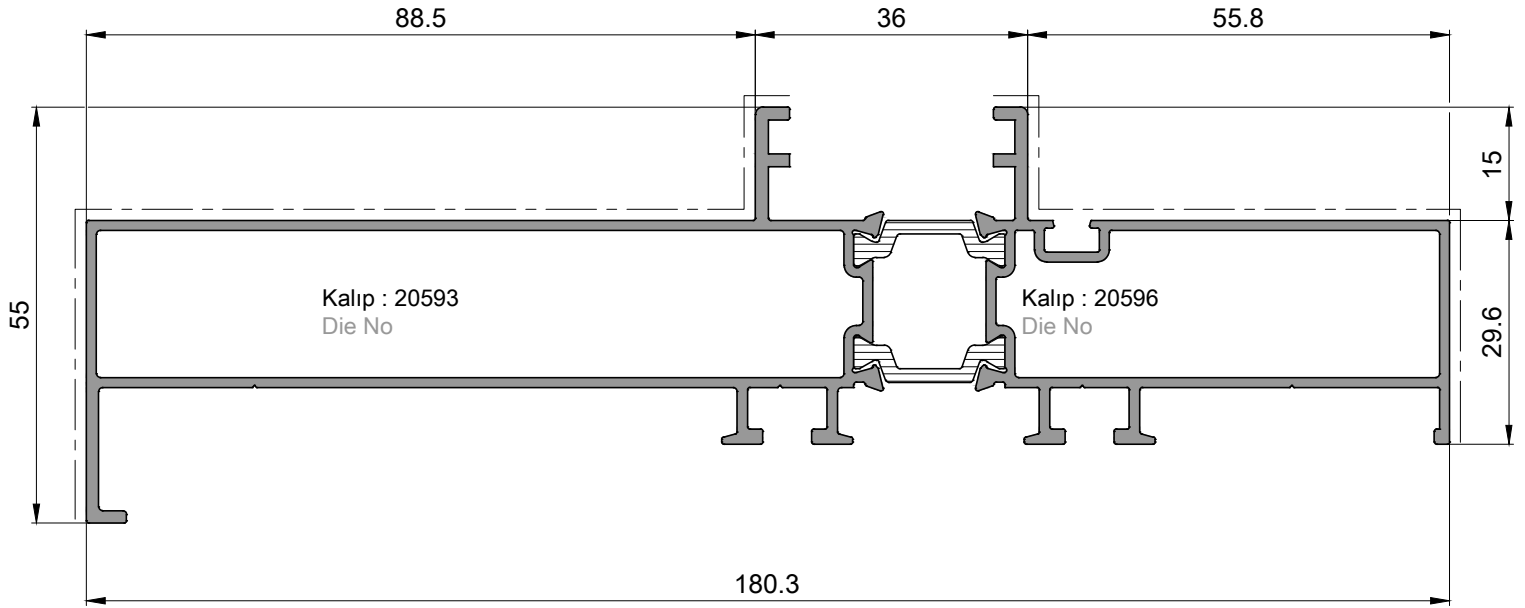
P 3071

Alt Kasa Profili / 2.925kg/mt
Bottom Frame Profile



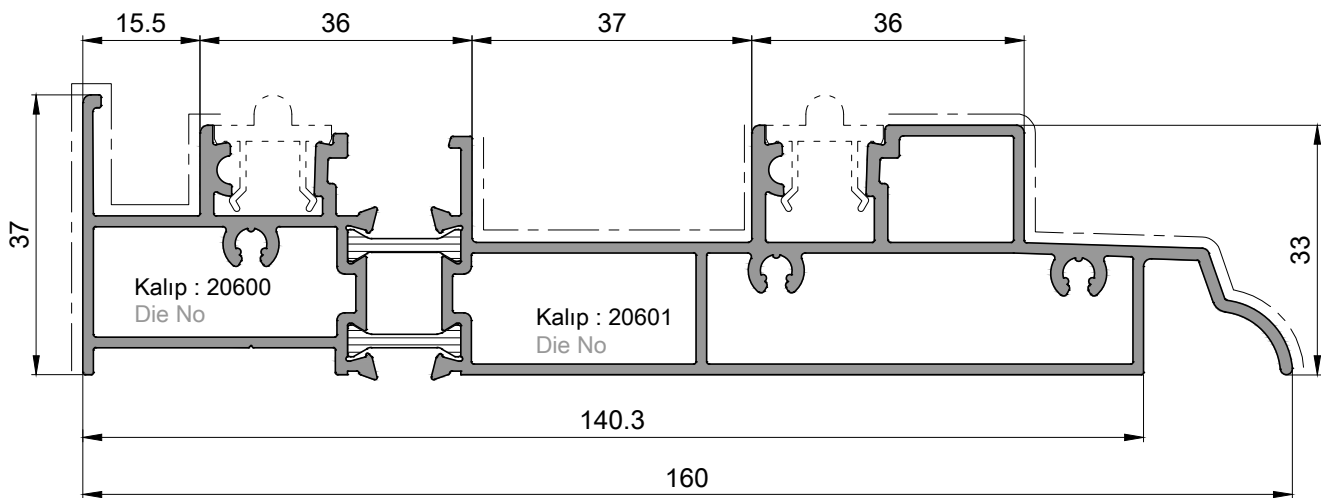
P 3149

Yan Kasa Profili / 2,200kg/mt
Side Frame Profile



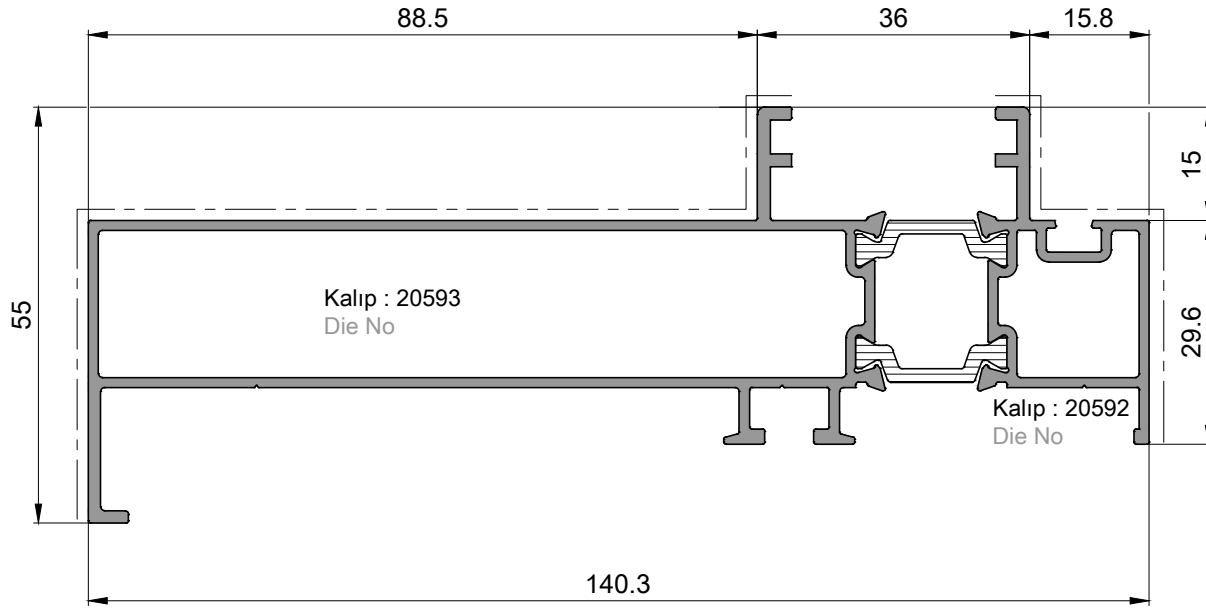
P 3155

Alt Kasa Profili / 2.360kg/mt
Bottom Frame Profile



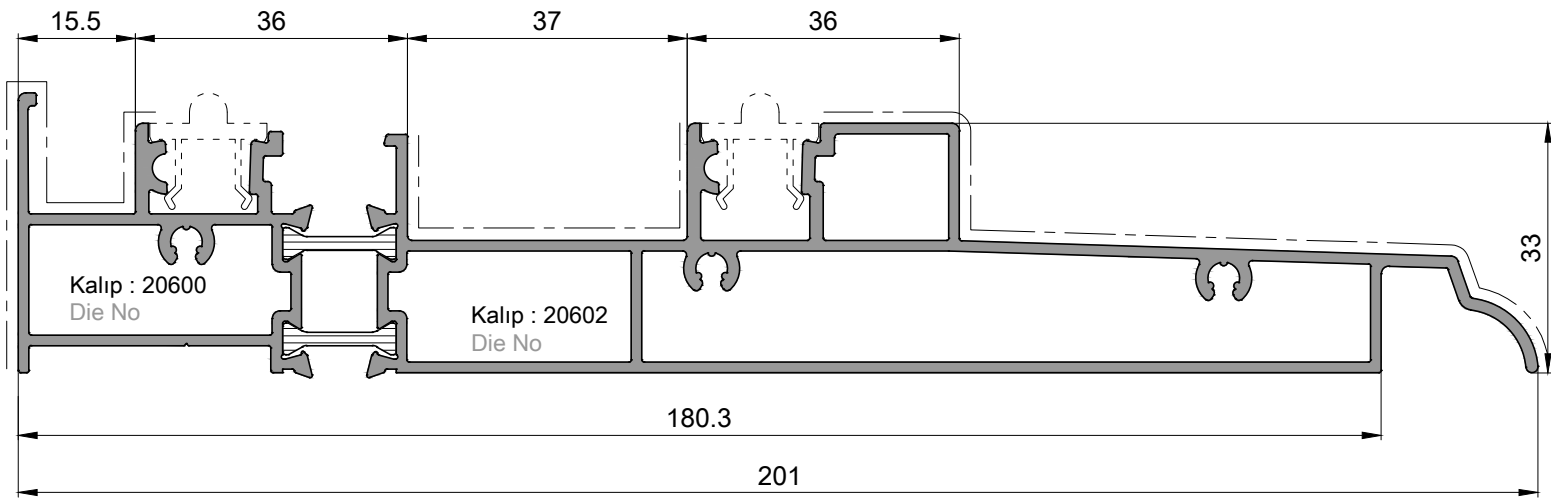
P 3150

Yan Kasa Profili / 1,830kg/mt
Side Frame Profile



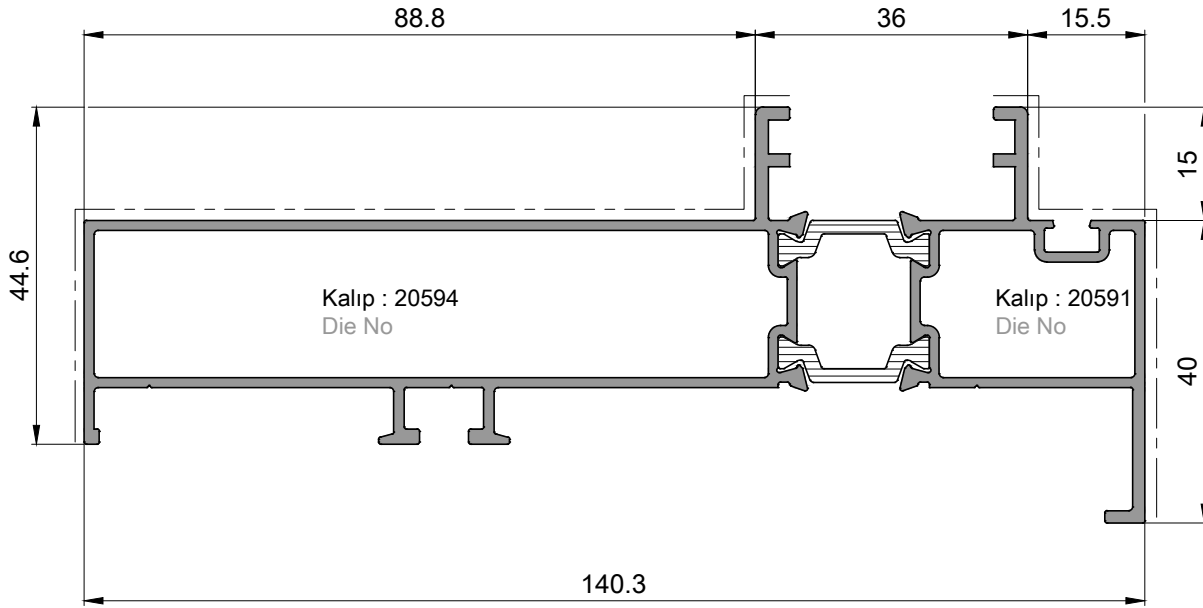
P 3156

Alt Kasa Profili / 2.660kg/mt
Bottom Frame Profile



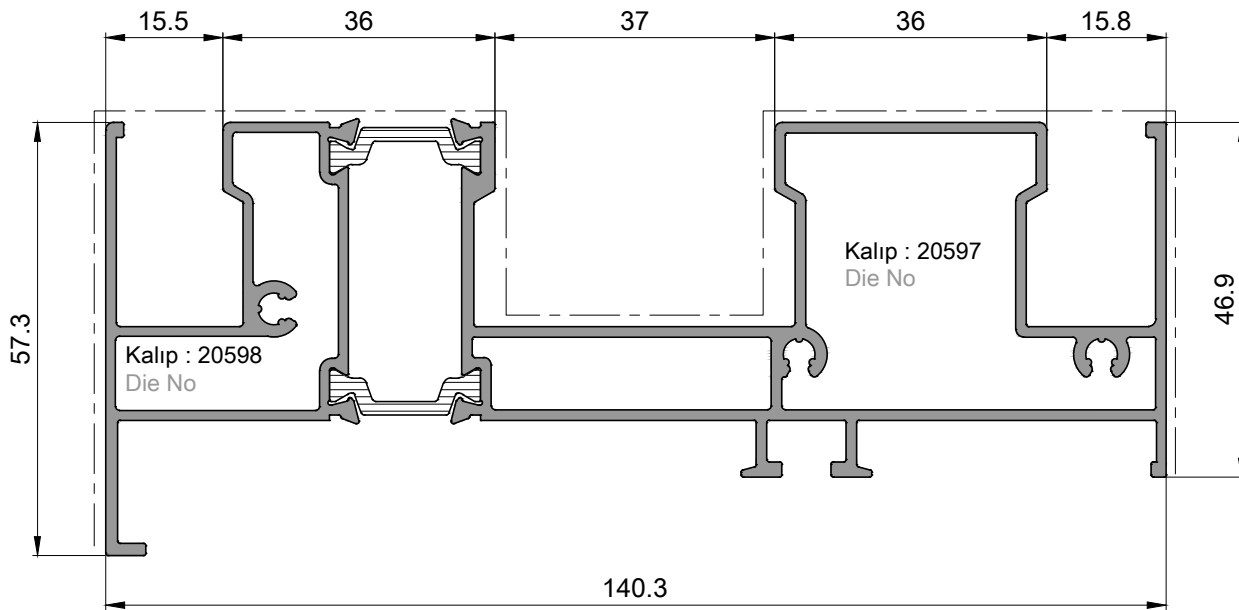
P 3151

Yan Kasa Profili / 1,825kg/mt
Side Frame Profile



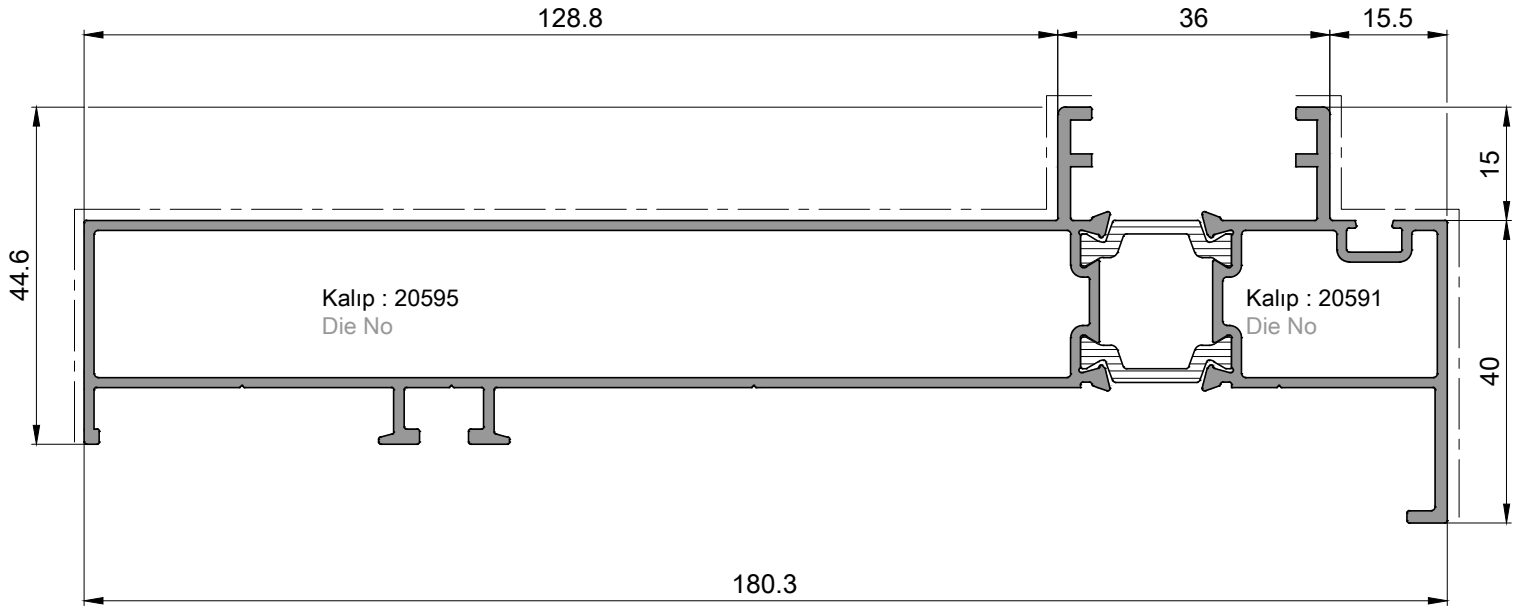
P 3153

Üst Kasa Profili / 2.520kg/mt
Top Frame Profile



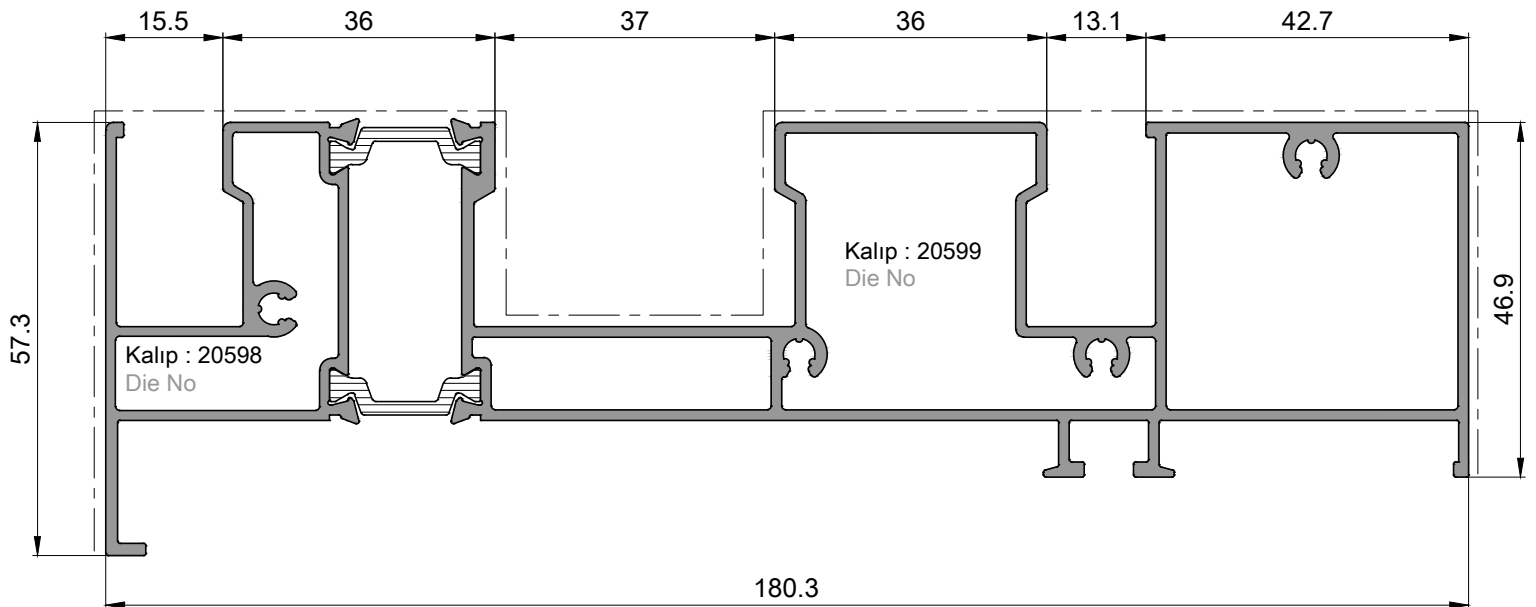
P 3152

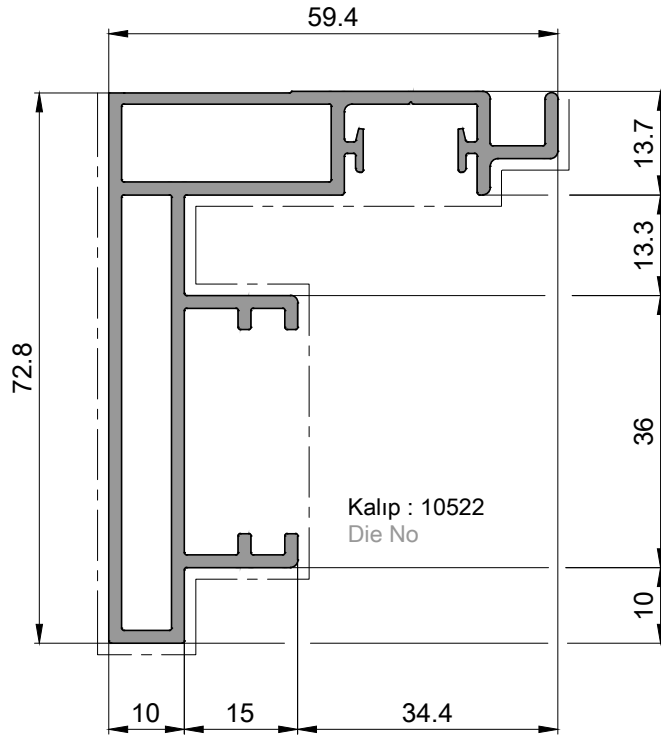
Yan Kasa Profili / 2,110kg/mt
Side Frame Profile



P 3154

Üst Kasa Profili / 3.030kg/mt
Top Frame Profile





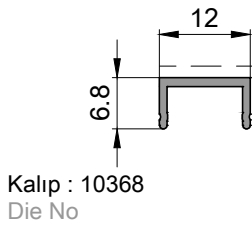
P 1744

Adaptör Profili / 1.395kg/mt
Adepter Profile

I_x 33.70 cm⁴ I_y 8.91 cm⁴

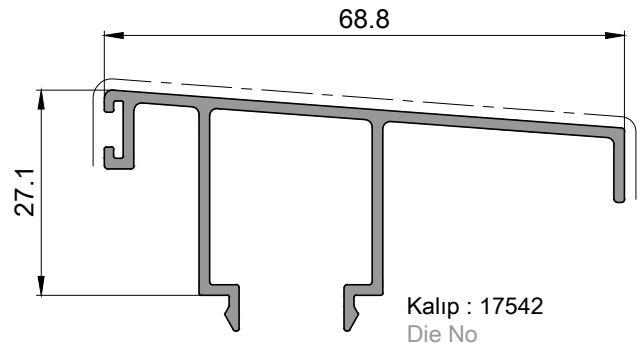
P 3148

Kapatma Profili / 0.070kg/mt
Closing Profile



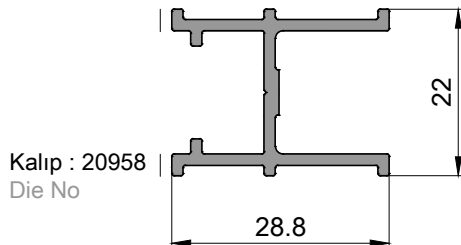
P 2108

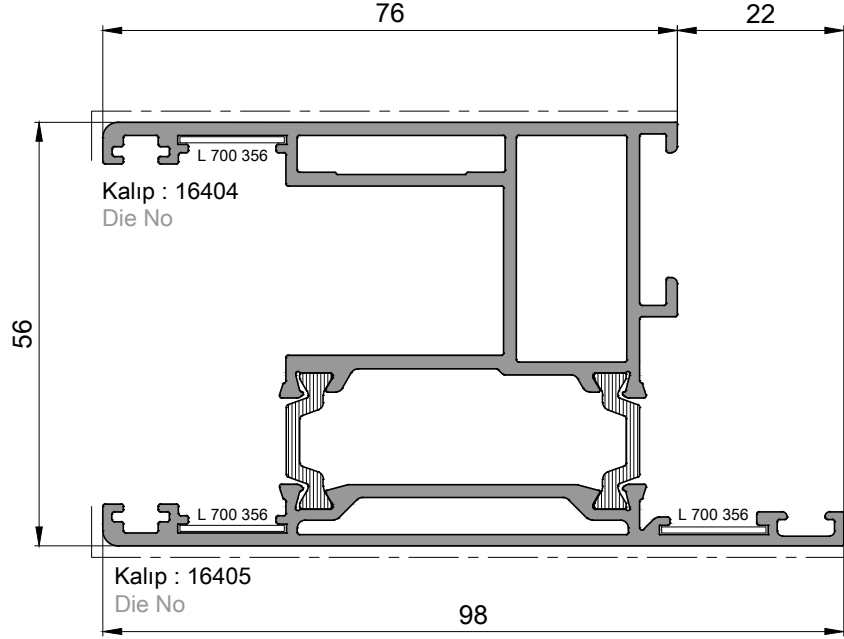
Kapak Profili / 0.590kg/mt
Cap Profile



P 3157

İspanyolet Kanal Profili / 0.360kg/mt
Channel For Espagnolette





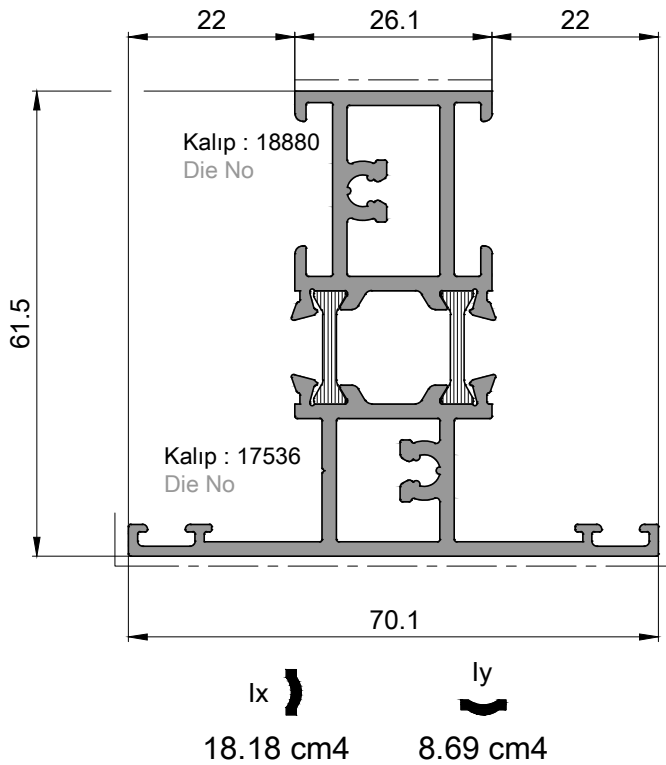
P 1731

Kanat Profili / 2.070kg/mt
Sash Profile

I_x I_y
26.94 cm⁴ 30.96 cm⁴

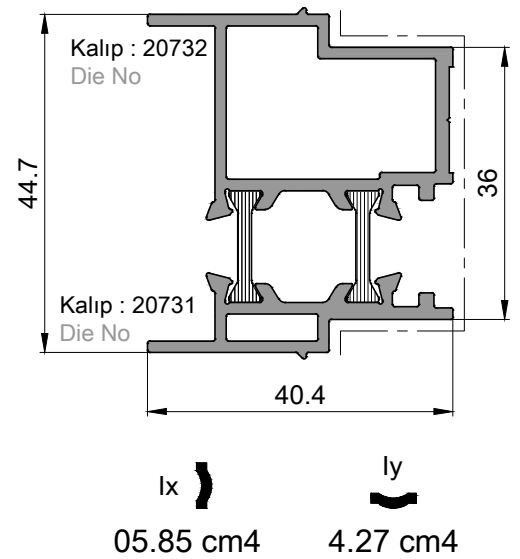
P 2402

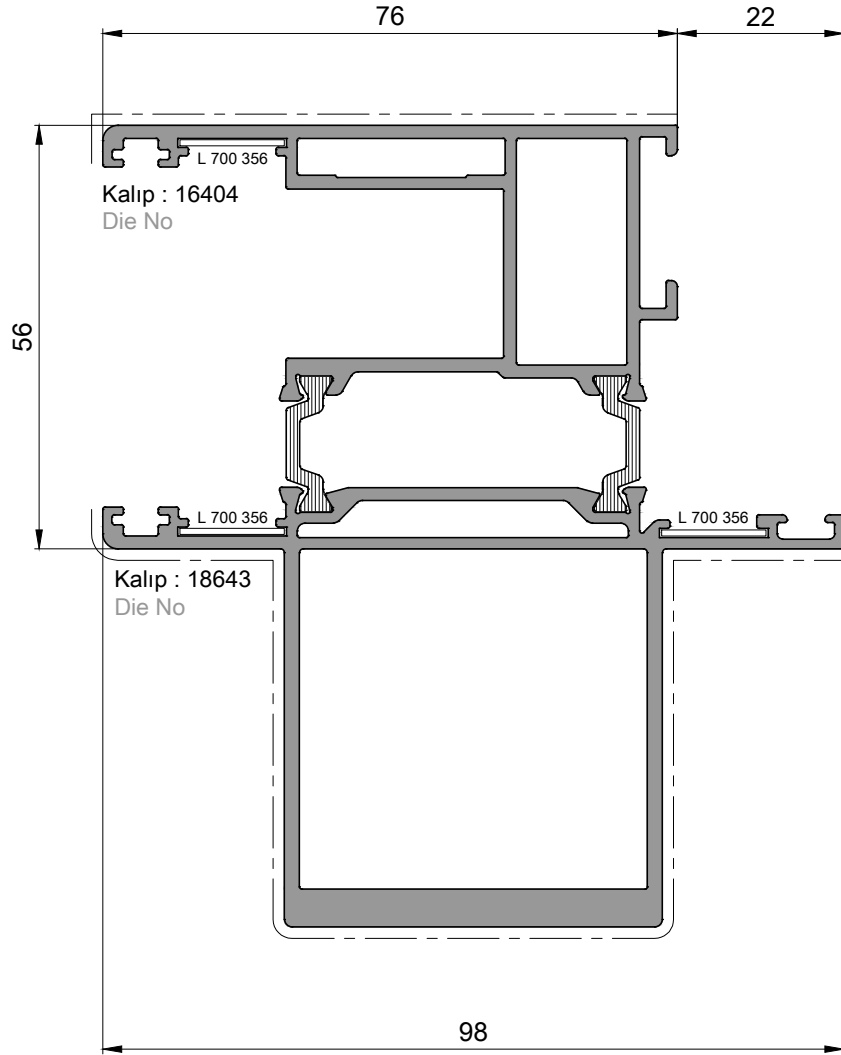
Ortakayıt Profili / 1,605kg/mt
Mullion Profile



P 3143

Adaptör Profili / 1.015kg/mt
Adepter Profile

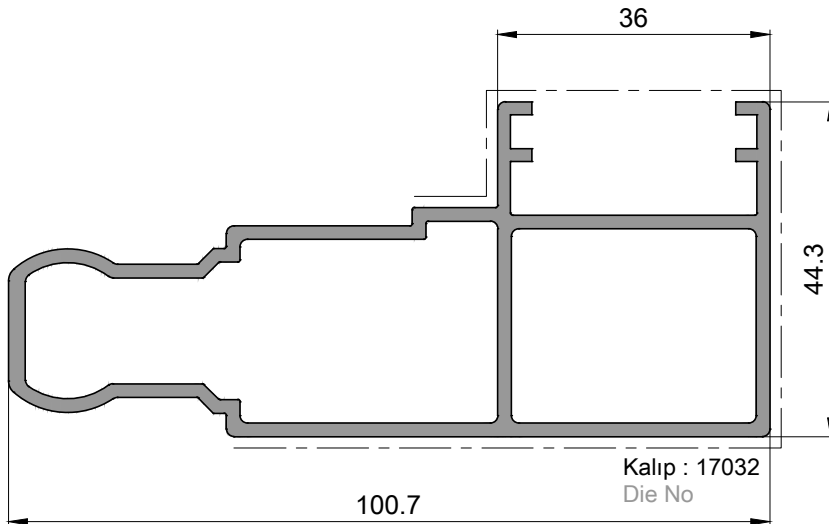




P 1292

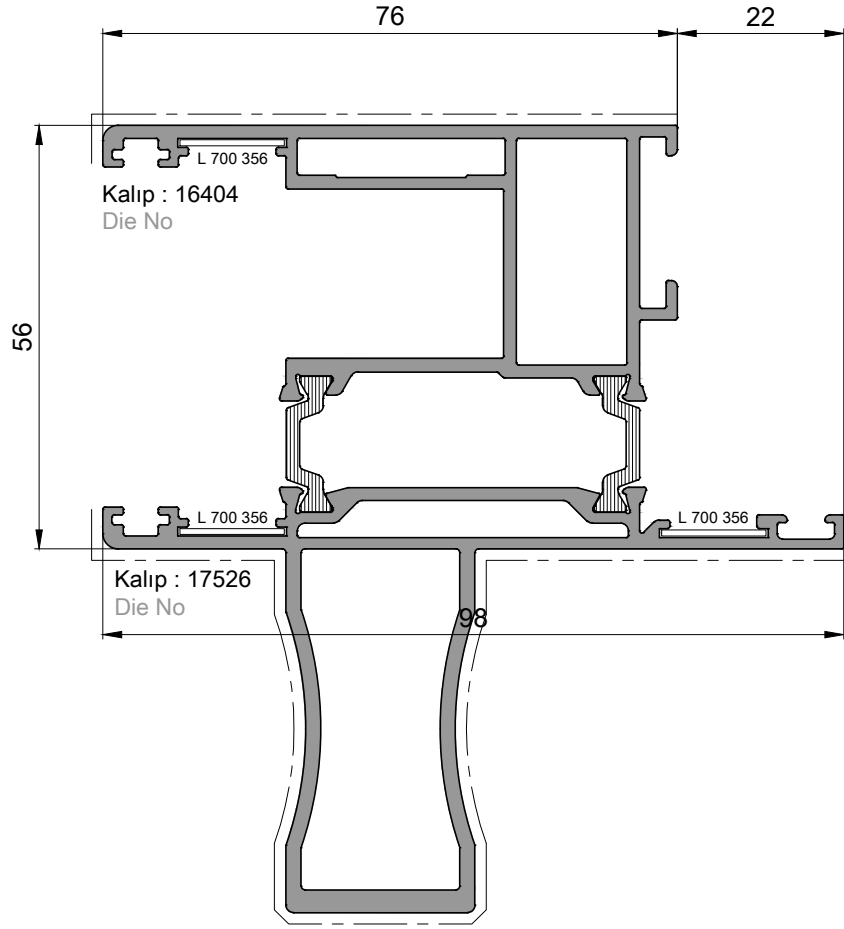
Kanat Profili / 3.310kg/mt
Sash Profile

I_x  119.93 cm⁴ I_y  43.56 cm⁴



P 1752

Kilitleme Adaptör Profili / 1,565kg/mt
Locking Adapter Profile

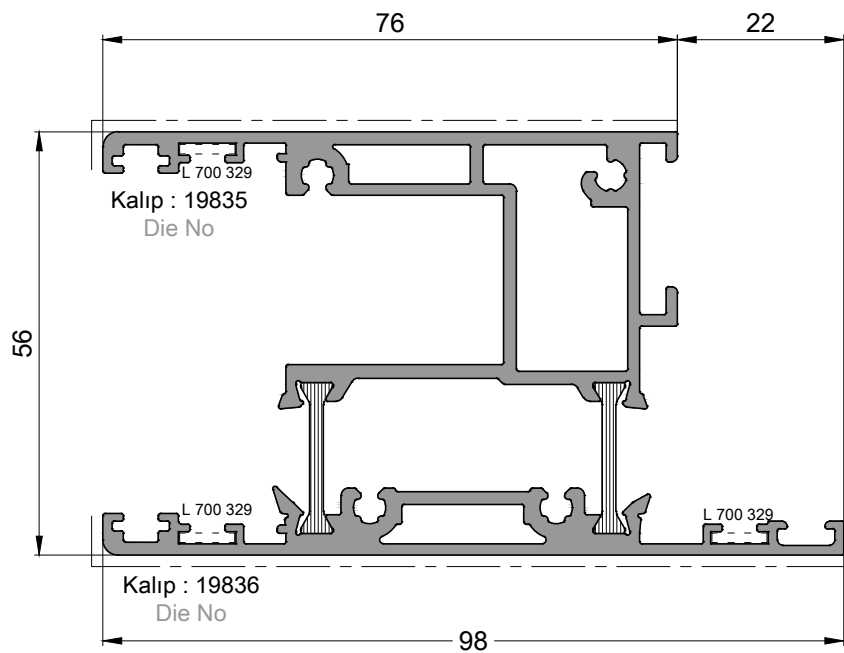


P 2106

Kanat Profili / 2.785kg/mt
Sash Profile

I_x 
74.62 cm⁴

I_y 
42.78 cm⁴



P 3065

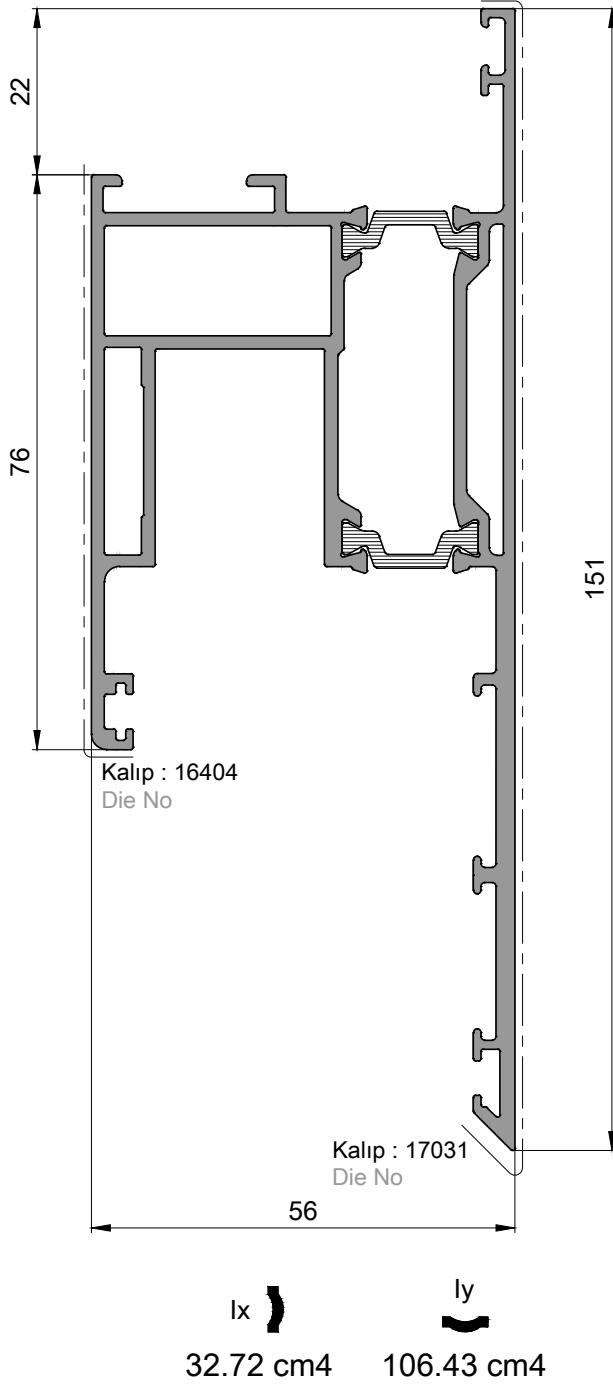
Kanat Profili / 2.290kg/mt
Sash Profile

I_x 
30.74 cm⁴

I_y 
40.76 cm⁴

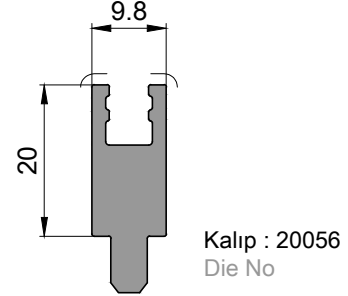
P 1751

KÖŞE KANAT PROFİLİ / 2.495kg/mt
Corner Sash Profile



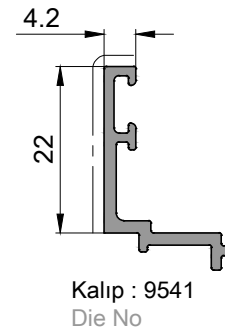
P 3072

Ray Yükseltme Profili / 0.500kg/mt
Elevation Rail Profile



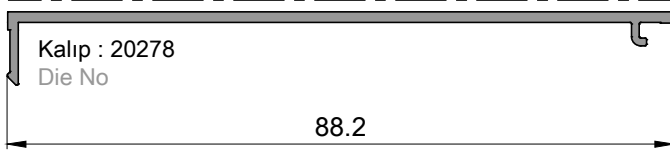
P 3092

Çıta Profili / 0.205kg/mt
Glazing Bead Profile



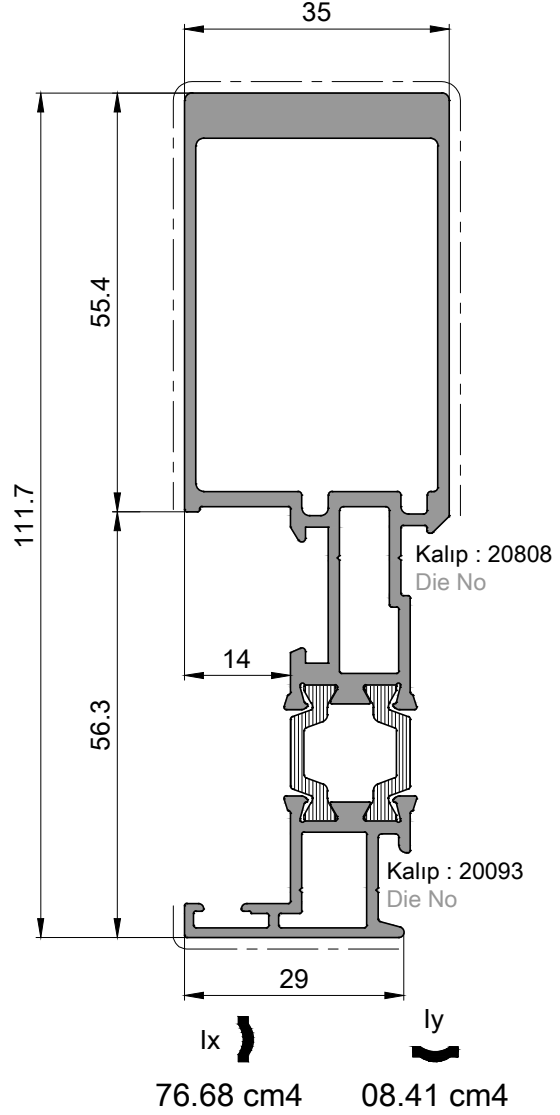
P 3103

Kapatma Profili / 0.370kg/mt
Closing Profile



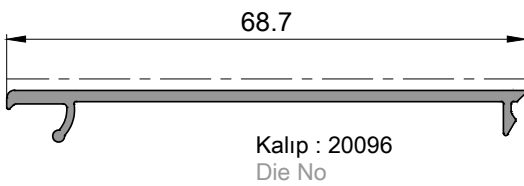
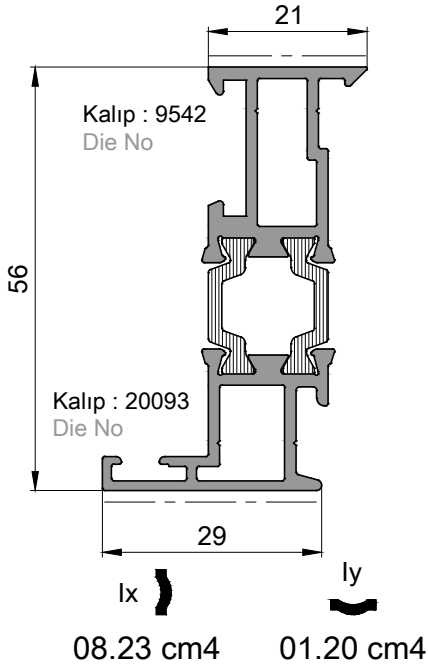
P 3087

İnce Takviyeli Kanat Profili / 2.030kg/mt
Slim Reinforcement Sash Profile



P 3085

İnce Kanat Profili / 0.940kg/mt
Slim sash profile

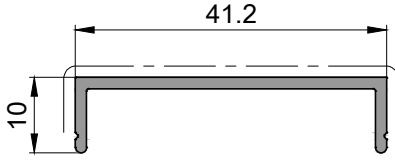


P 3077

Kapatma Profili / 0.315kg/mt
Closing Profile

P 3073

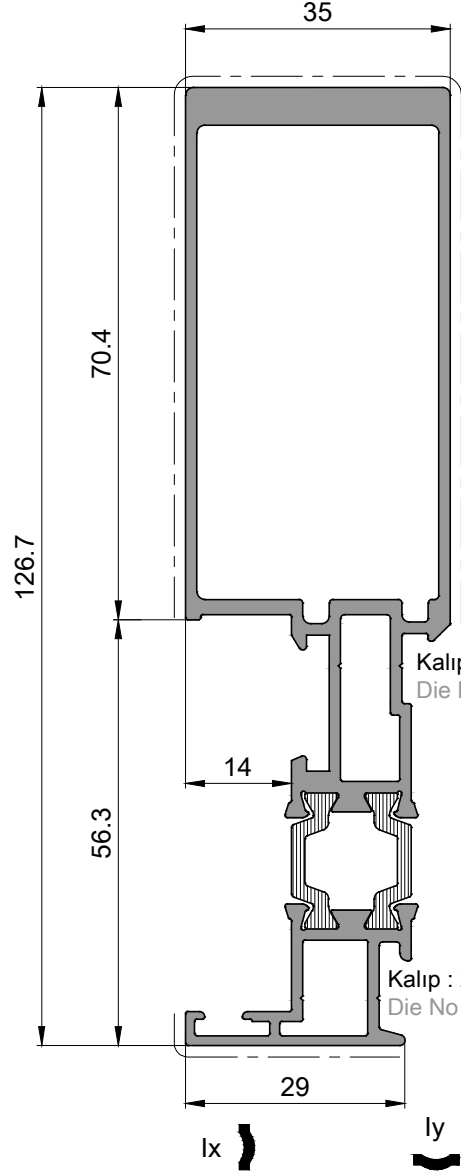
Kapak Profili / 0,235kg/mt
Cap Profile



Kalip : 20053
Die No

P 3076

İnce Takviyeli Kanat Profili / 2.070kg/mt
Slim Reinforcement Sash Profile



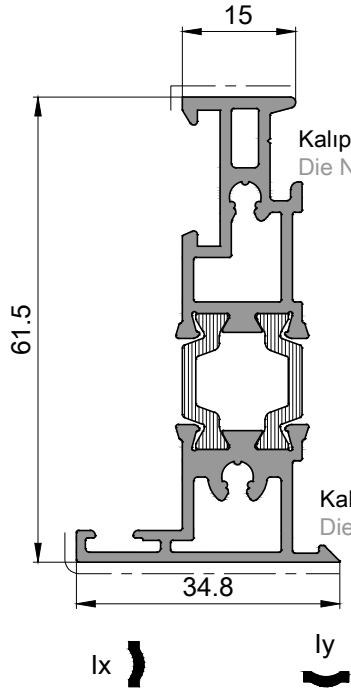
Kalip : 20095
Die No

Kalip : 20093
Die No

106.15 cm⁴ 09.40 cm⁴

P 3088

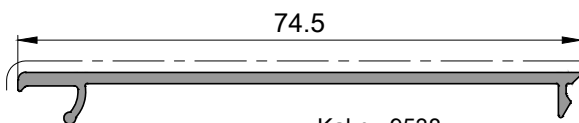
Orta Kayıt Profili / 1.100kg/mt
mullion profile



Kalip : 9501
Die No

Kalip : 21024
Die No

11.03 cm⁴ 01.44 cm⁴



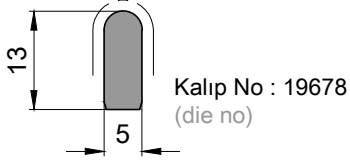
Kalip : 9538
Die No

P 3086

Kapatma Profili / 0.340kg/mt
Closing Profile

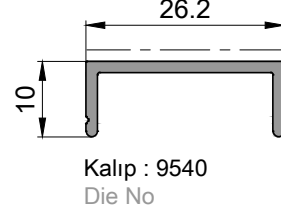
P 2488

Ray Profili / 0,170kg/mt
Rail Profile



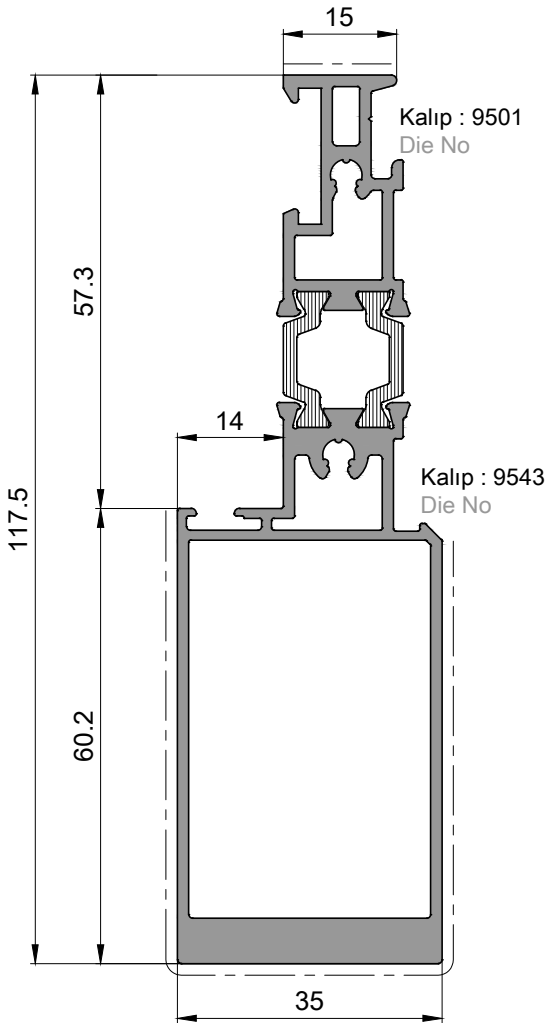
P 3091

Kapatma Profili / 0.175kg/mt
Closing Profile



P 3084

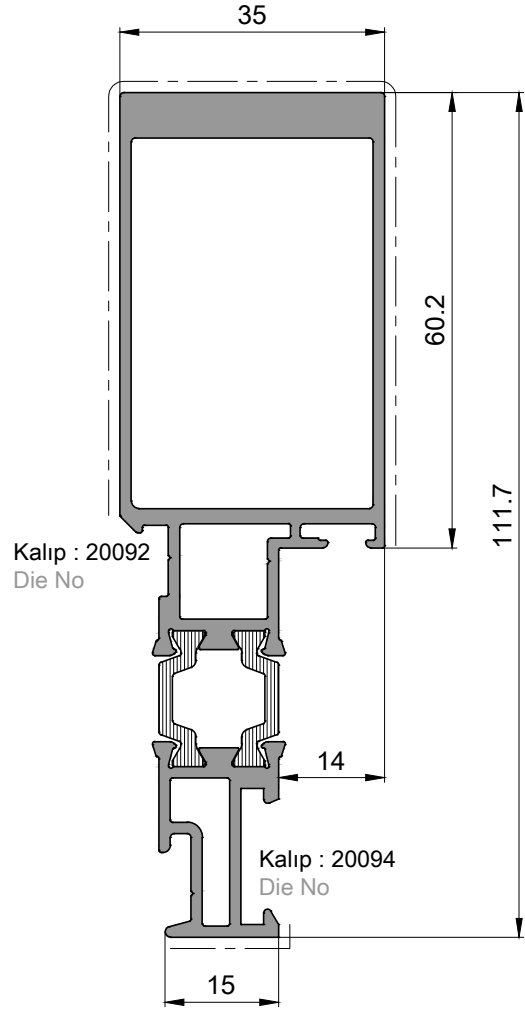
Dıştan Takviyeli Orta Kayıt Profili / 2.060kg/mt
Exterior interlock mullion profile with reinforcement



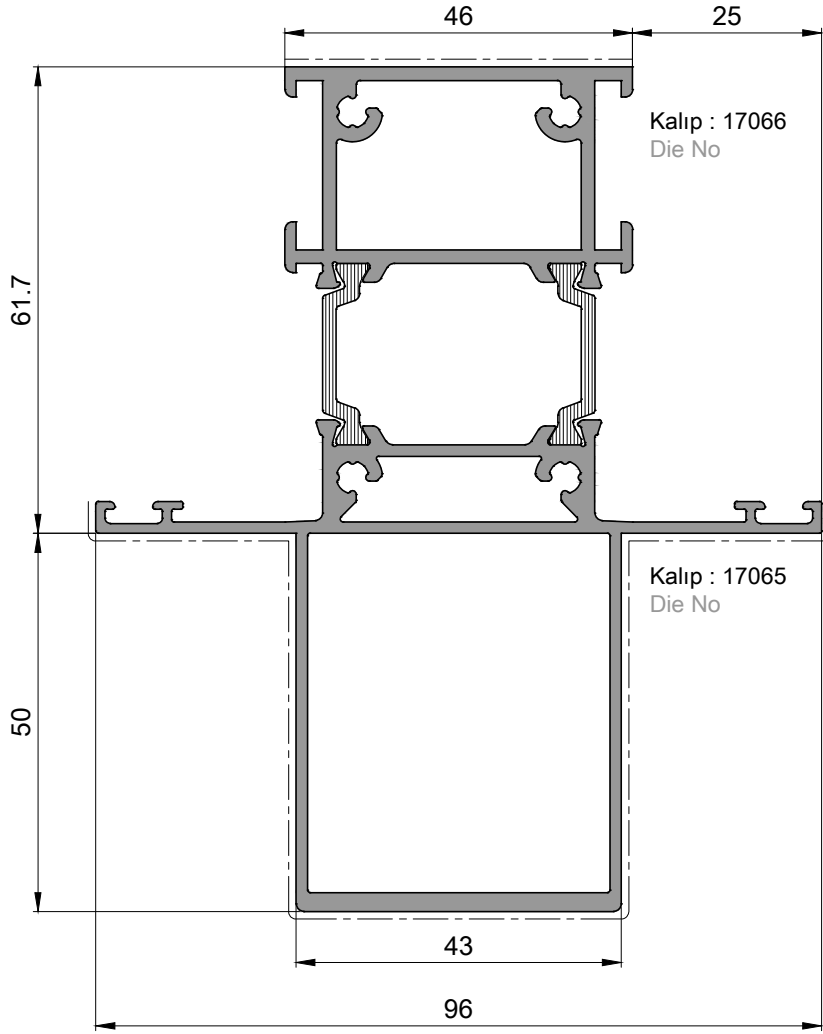
I_x 81.75 cm⁴ I_y 07.83 cm⁴

P 3075

İnce Takviyeli Kanat Profili / 1.985kg/mt
Slim Reinforcement Sash Profile



I_x 69.93 cm⁴ I_y 07.98 cm⁴

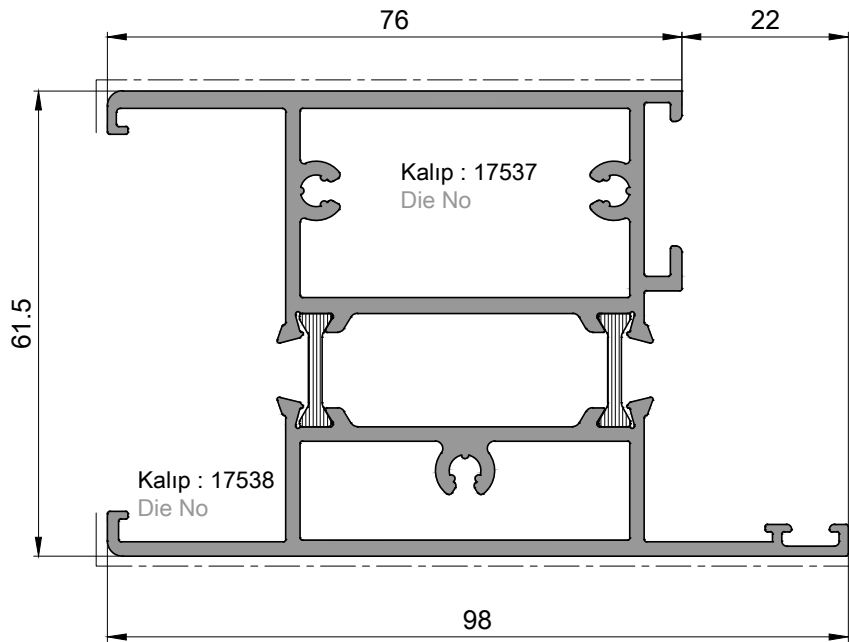


P 1753

Takviyeli Orta Kayıt / 2.580kg/mt
Mullion Profile With Reinforcement

I_x  82.37 cm⁴

I_y  32.49 cm⁴

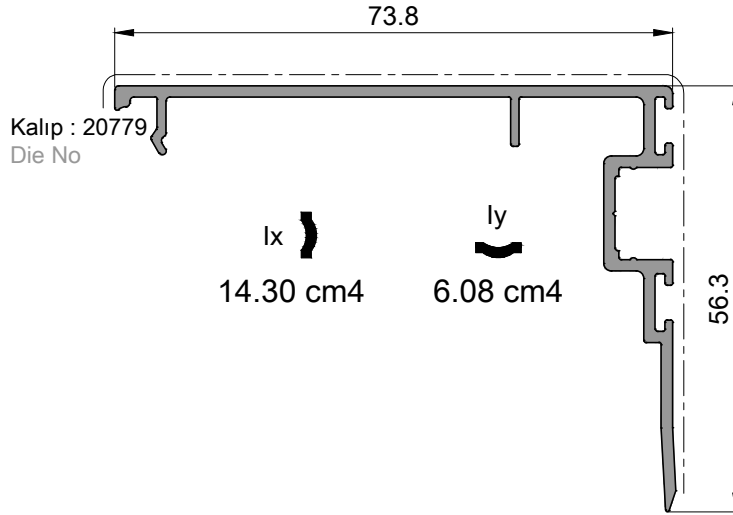


P 2105

Orta Kayıt Profili / 2.440kg/mt
Mullion Profile

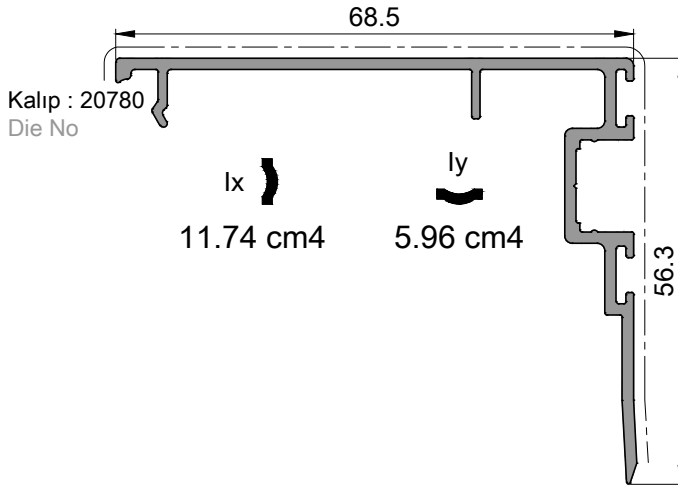
I_x  34.94 cm⁴

I_y  35.44 cm⁴



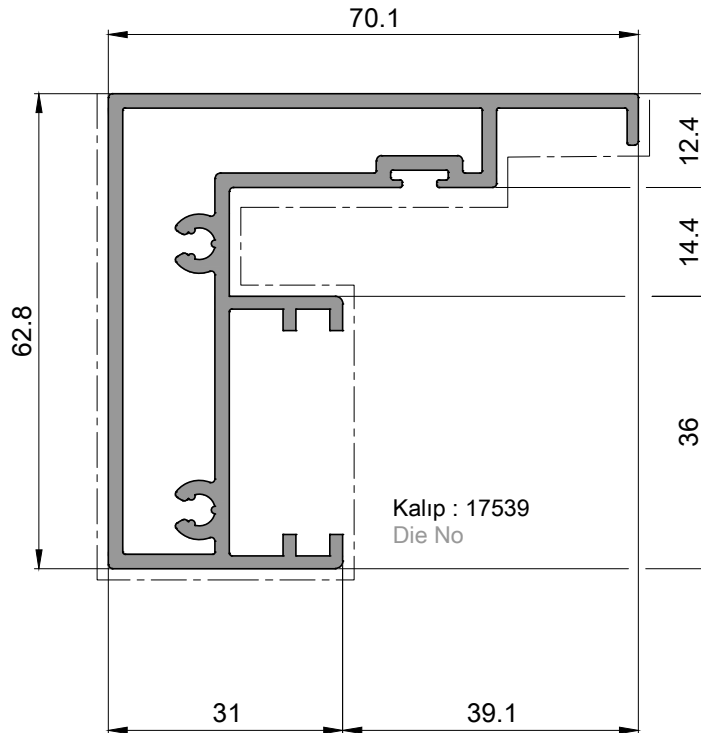
P 3146

Kapatma Profili / 0.670kg/mt
Closing Profile



P 3147

Kapatma Profili / 0.645kg/mt
Closing Profile



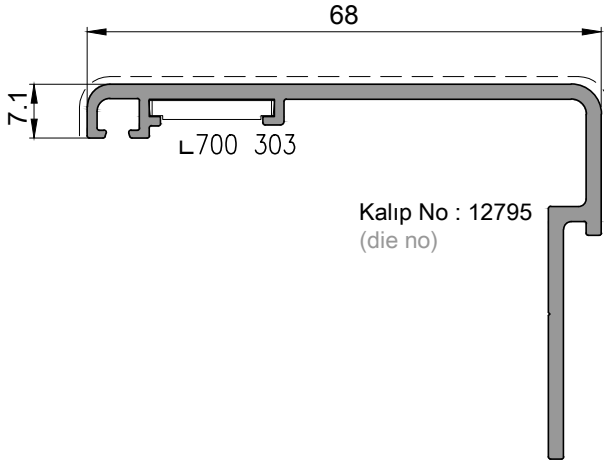
P 2107

Adaptör Profili / 1.590kg/mt
Adepter Profile

I_x I_y
27.80 cm⁴ 19.44 cm⁴

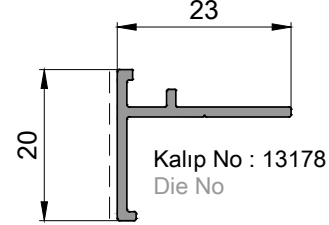
P 1222

Pervaz Profili / 0,760kg/mt
Architrave Profile



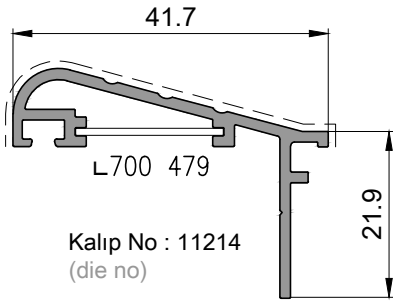
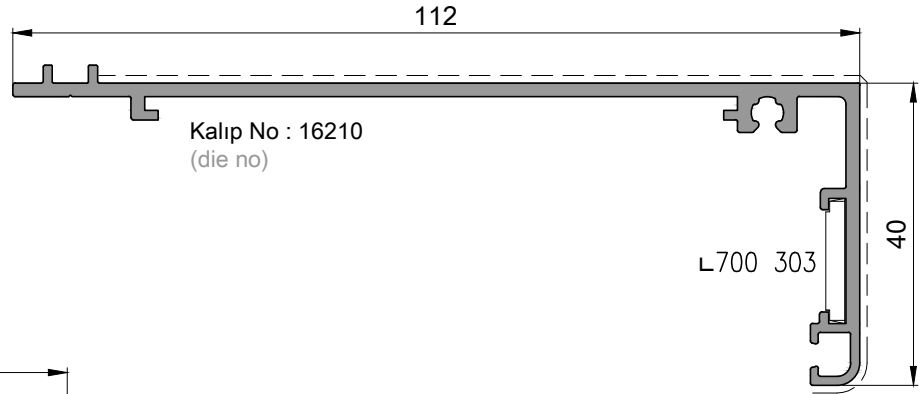
P 1321

Pervaz Profil / 0,160kg/mt
Architrave Profile



P 1761

Pervaz Profili / 0,890kg/mt
Long Architrave Profile

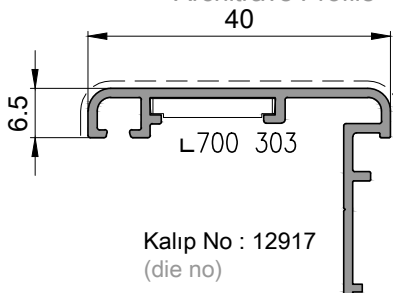


P 1287

Pervaz Profili / 0,360kg/mt
Architrave Profile

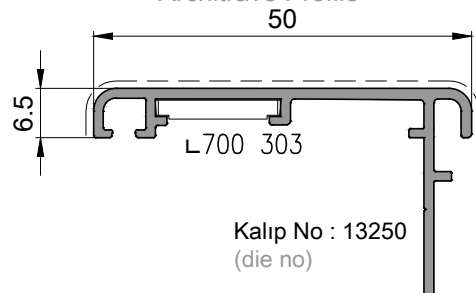
P 1177

Pervaz Profili / 0,305kg/mt
Architrave Profile



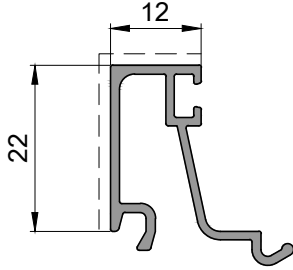
P 1178

Pervaz Profili / 0,375kg/mt
Architrave Profile



P 1745

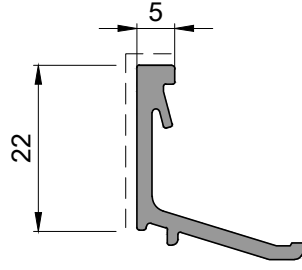
Çıta Profili / 0.270kg/mt
Glazing Bead Profile



Kalip : 16410
Die No

P 1750

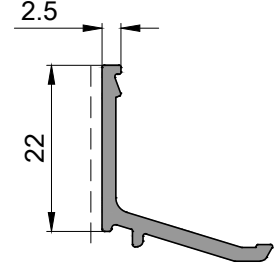
Çıta Profili / 0.280kg/mt
Glazing Bead Profile



Kalip : 12558
Die No

P 3067

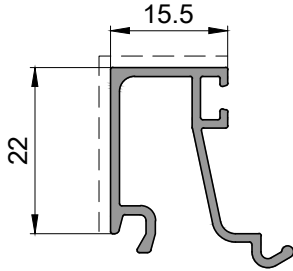
Çıta Profili / 0.235kg/mt
Glazing Bead Profile



Kalip : 9344
Die No

P 1746

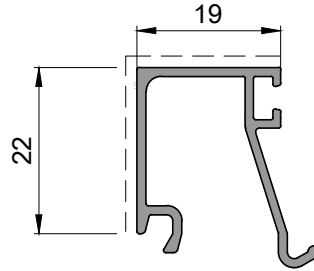
Çıta Profili / 0.275kg/mt
Glazing Bead Profile



Kalip : 16411
Die No

P 1747

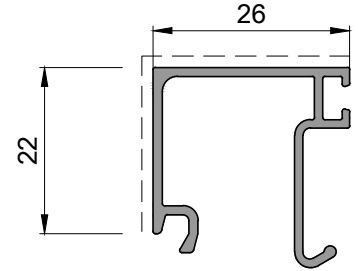
Çıta Profili / 0.280kg/mt
Glazing Bead Profile



Kalip : 16412
Die No

P 1748

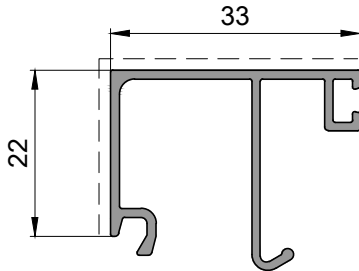
Çıta Profili / 0.300kg/mt
Glazing Bead Profile



Kalip : 16413
Die No

P 1749

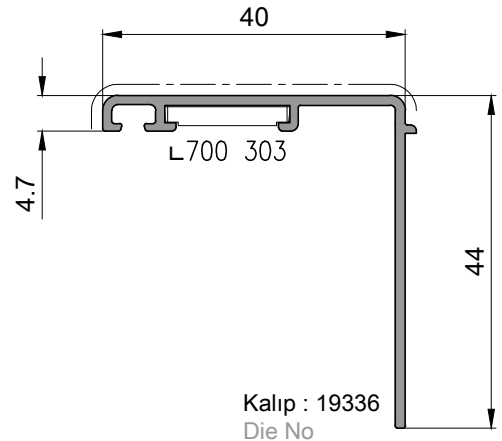
Çıta Profili / 0.340kg/mt
Glazing Bead Profile



Kalip : 16414
Die No

P 2205

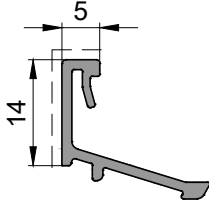
Pervaz Profili / 0,340kg/mt
Architrave Profile



Kalip : 19336
Die No

P 3079

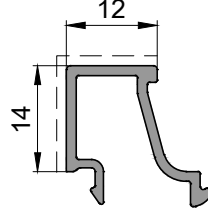
Çıta Profili / 0.160kg/mt
Glazing Bead Profile



Kalıp : *
Die No

P 3080

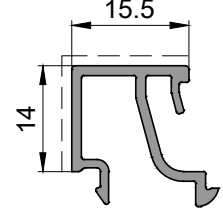
Çıta Profili / 0.195kg/mt
Glazing Bead Profile



Kalıp : 9544
Die No

P 3078

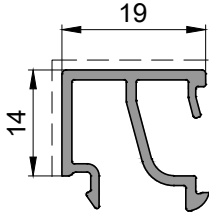
Çıta Profili / 0.225kg/mt
Glazing Bead Profile



Kalıp : 20097
Die No

P 3081

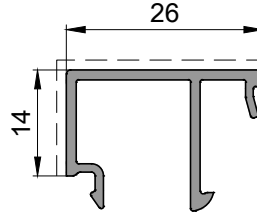
Çıta Profili / 0.240kg/mt
Glazing Bead Profile



Kalıp : *
Die No

P 3082

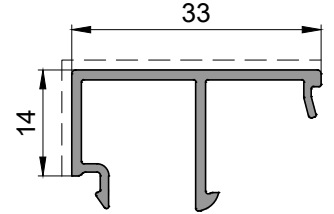
Çıta Profili / 0.245kg/mt
Glazing Bead Profile



Kalıp : *
Die No

P 3083

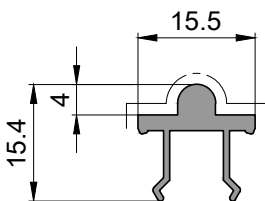
Çıta Profili / 0.270kg/mt
Glazing Bead Profile



Kalıp : *
Die No

P 1740

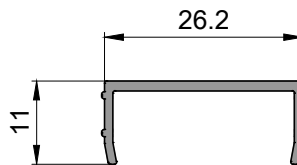
Ray Profili / 0.180kg/mt
Rail Profile



Kalıp : 16400
Die No

P 2109

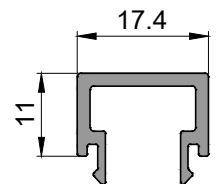
Kapatma Profili / 0.155kg/mt
Closing Profile



Kalıp : 17834
Die No

P 3093

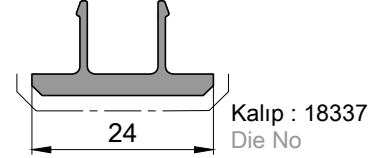
Su kanalı
ek profili / 0,210kg/mt
Water channel
additional profile



Kalıp : **
Die No

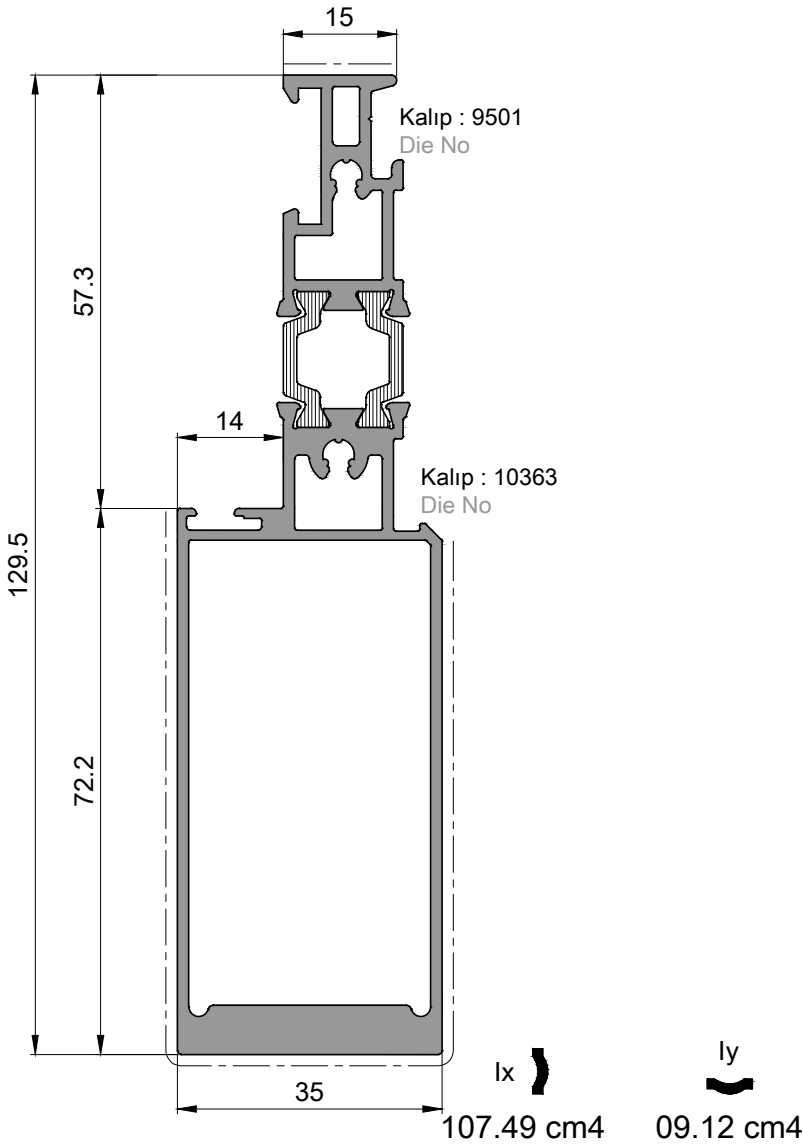
P 3178

Kapatma Profili / 0.240kg/mt
Closing Profile



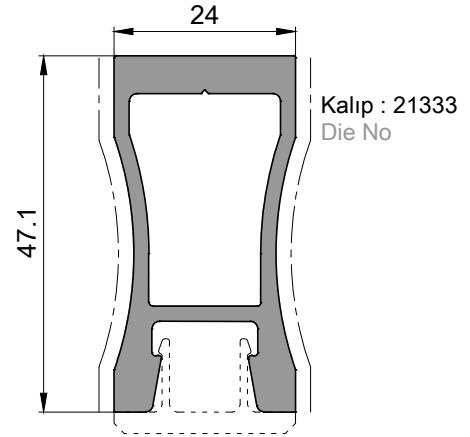
P 3158

Dıştan Takviyeli Orta Kayıt Profili / 2.205kg/mt
Exterior interlock mullion profile with reinforcement

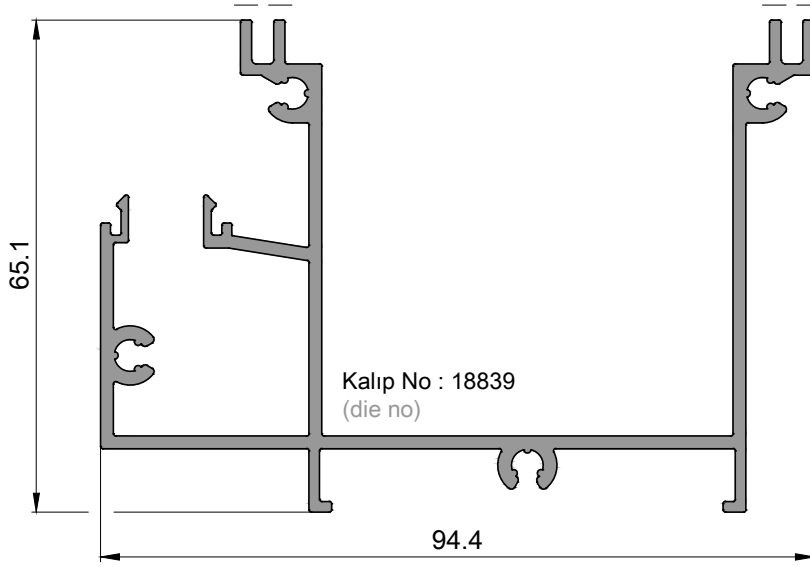


P 3179

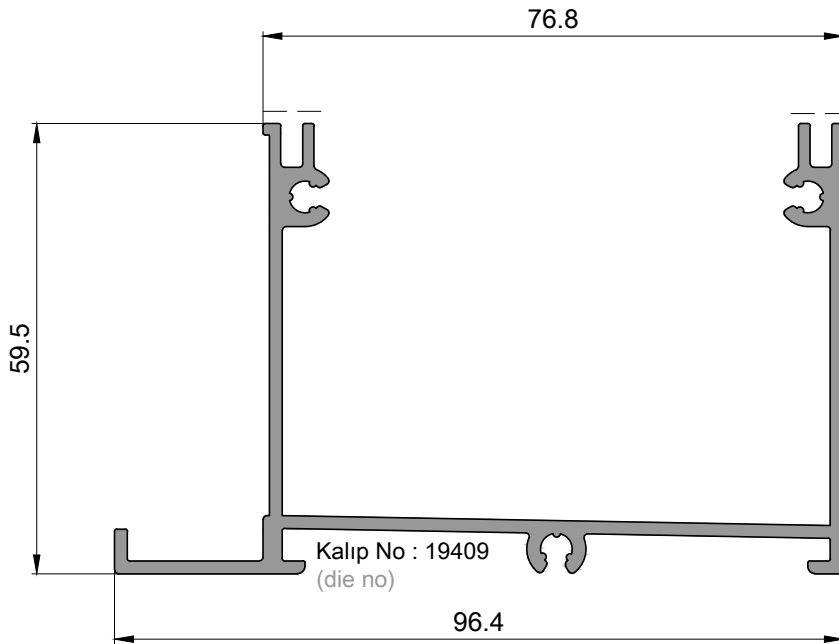
Takviye Profili / 1.070kg/mt
Reinforcement Profile



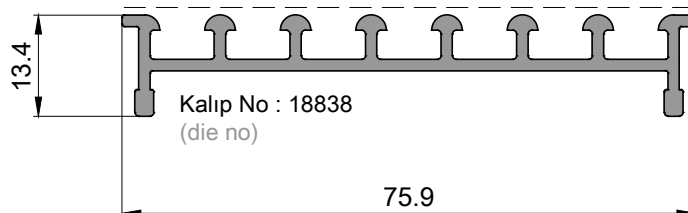
Ix) 10.68 cm4
Iy) 02.75 cm4



P 2328
Su Kanalı Profili
Water channel Profile
1,530kg/mt



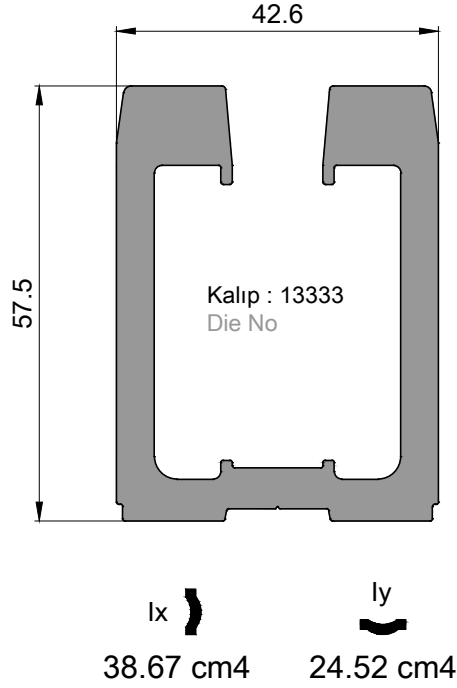
P 2467
Su Kanalı Profili
Water channel Profile
1,295kg/mt



P 2327
Üst Izgara Profili
top grille profile
0,635kg/mt

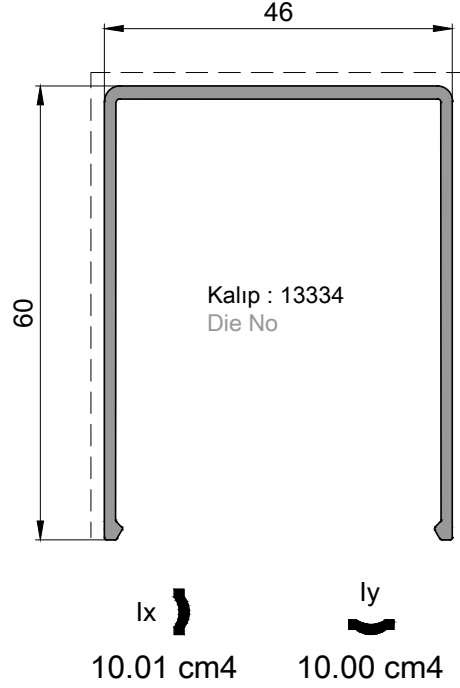
P 1073

Takviye Profili / 2,615kg/mt
Reinforcement Profile



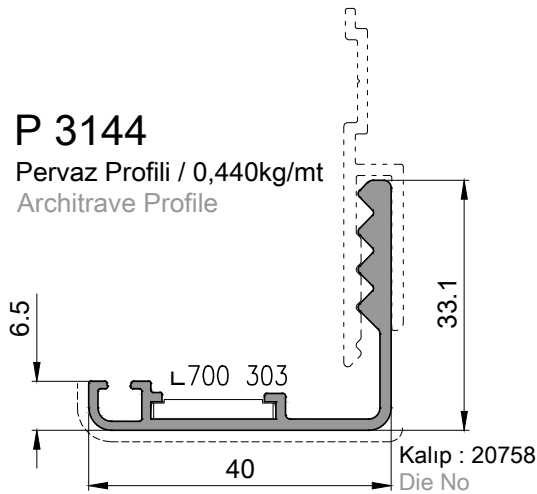
P 1074

Takviye Kapak Profili / 0,685kg/mt
Reinforcement Cap Profile



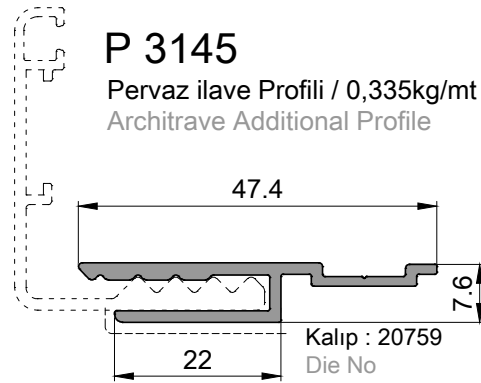
P 3144

Pervaz Profili / 0,440kg/mt
Architrave Profile



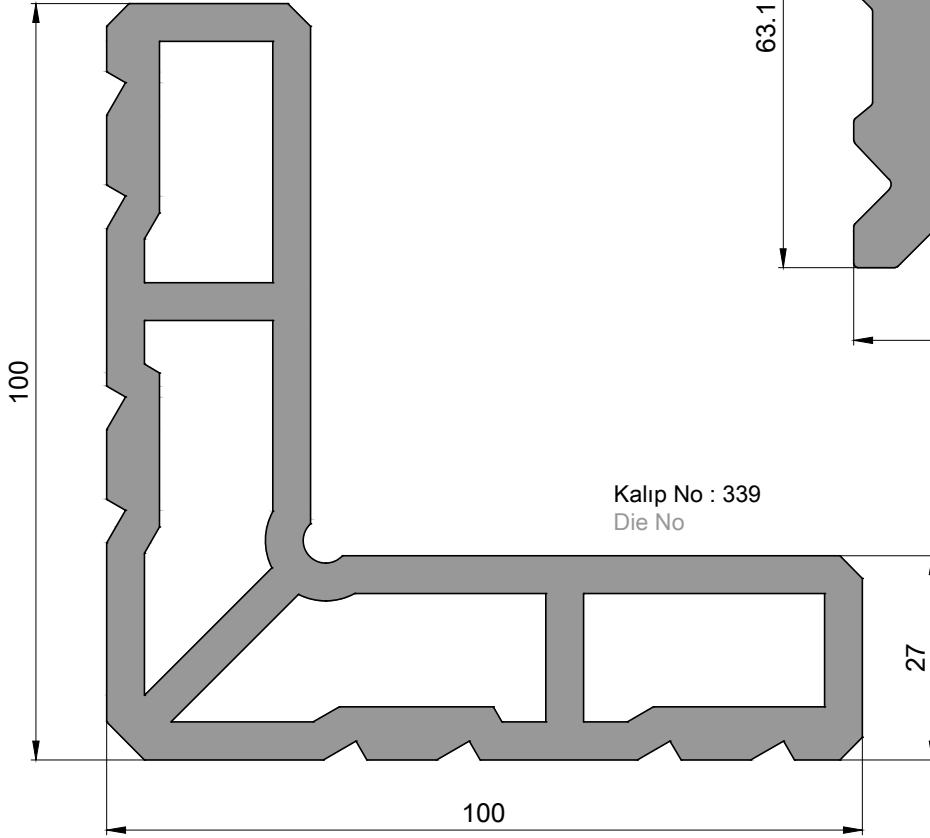
P 3145

Pervaz ilave Profili / 0,335kg/mt
Architrave Additional Profile



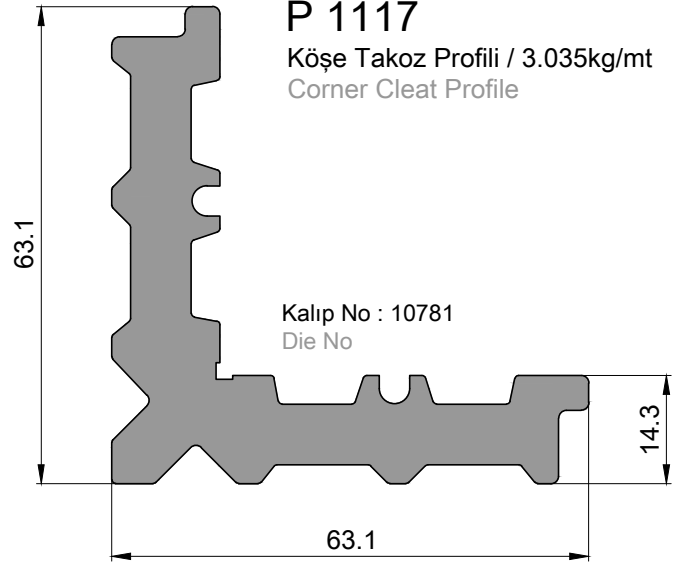
P 1070

Köşe Takoz Profili / 6.220kg/mt
Corner Cleat Profile



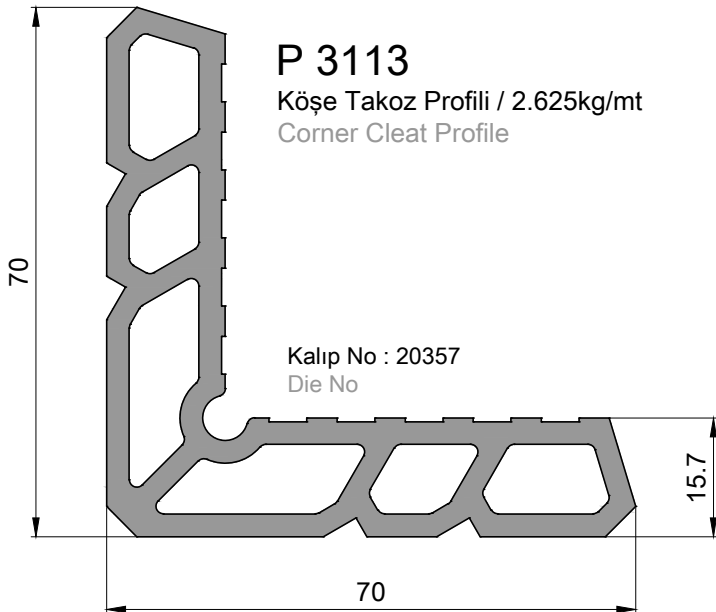
P 1117

Köşe Takoz Profili / 3.035kg/mt
Corner Cleat Profile



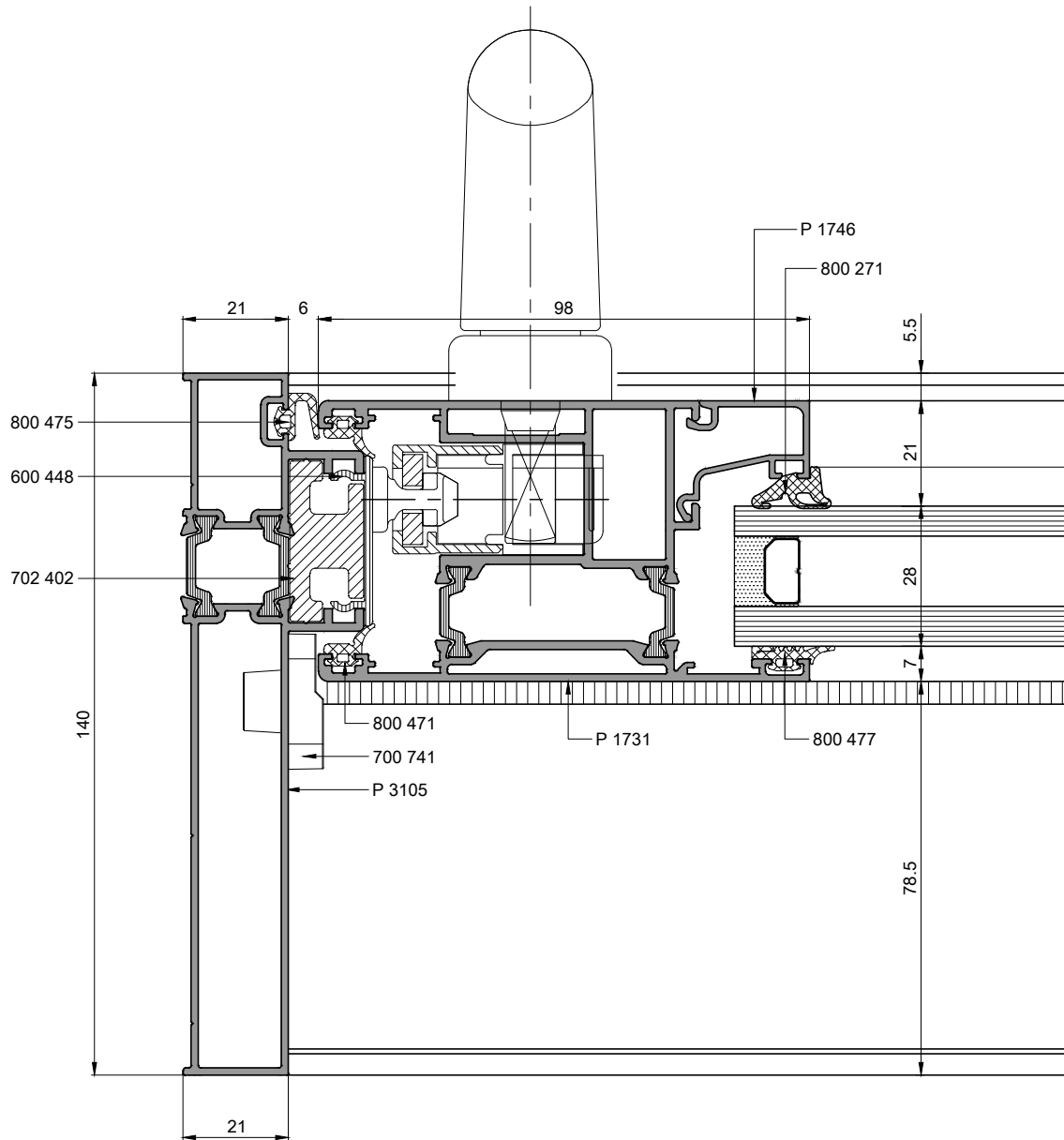
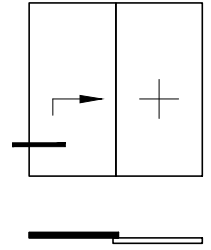
P 3113

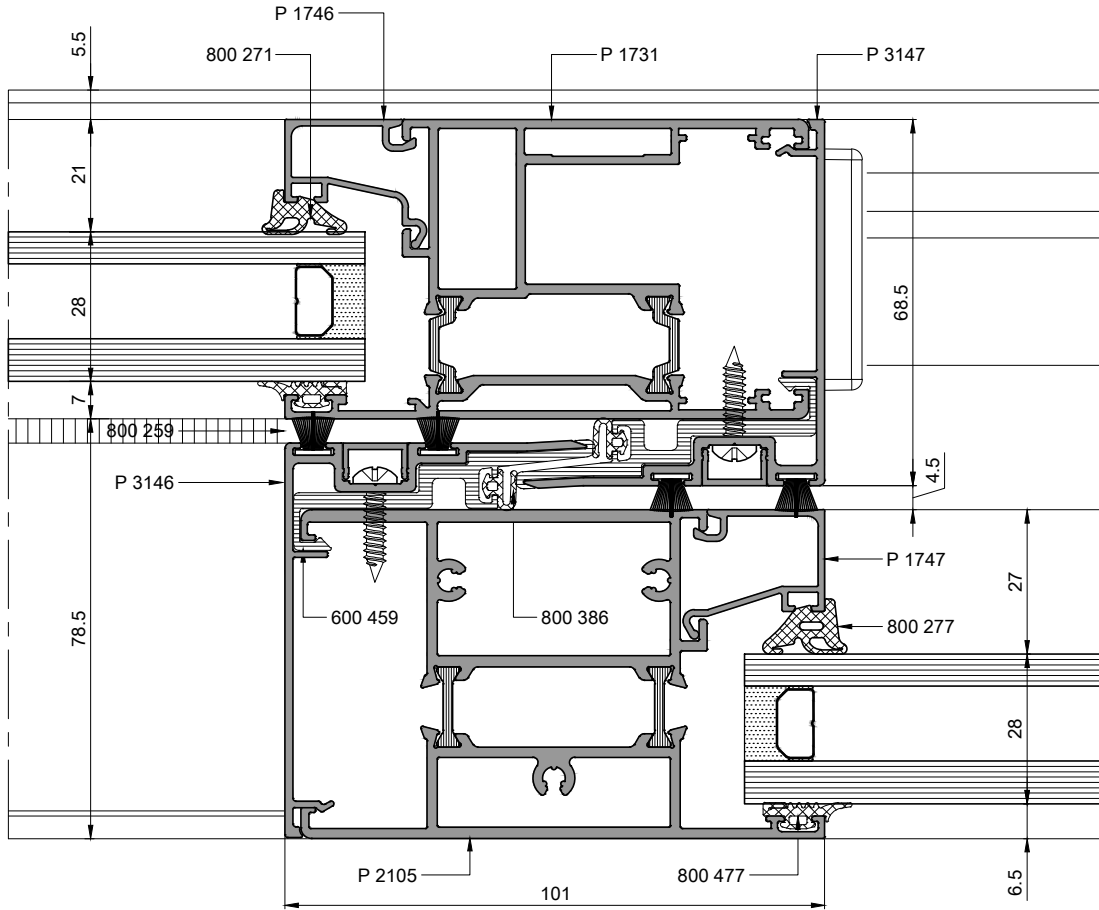
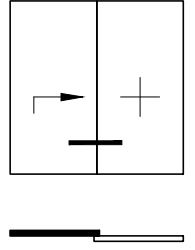
Köşe Takoz Profili / 2.625kg/mt
Corner Cleat Profile

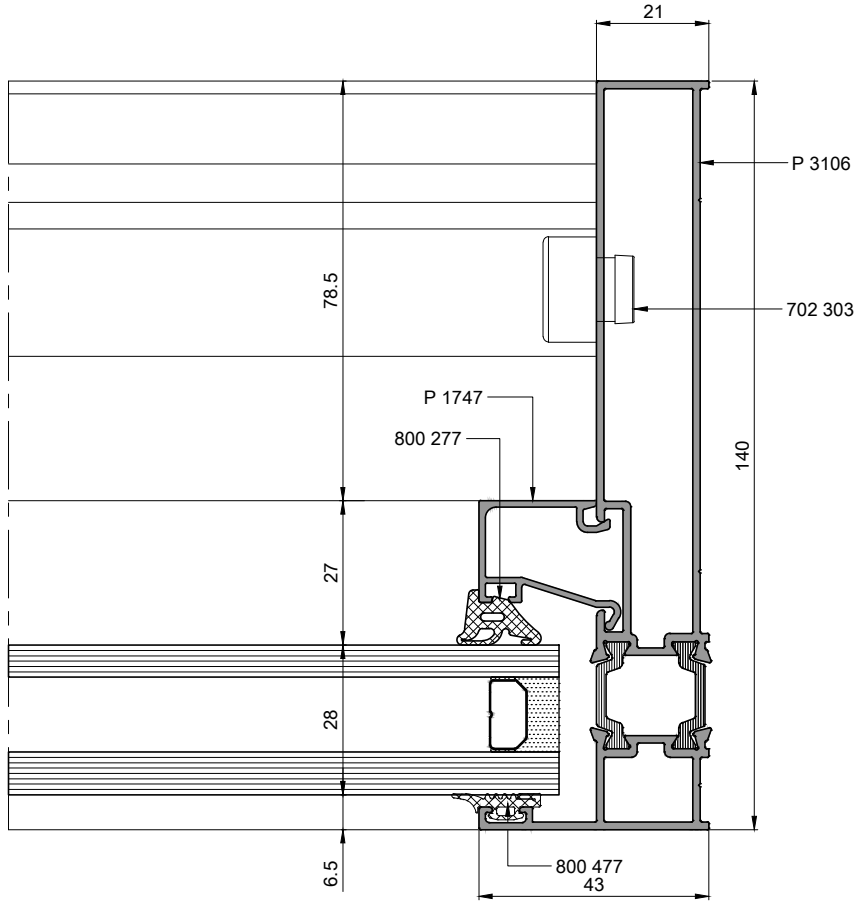
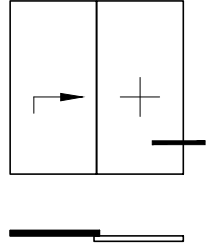


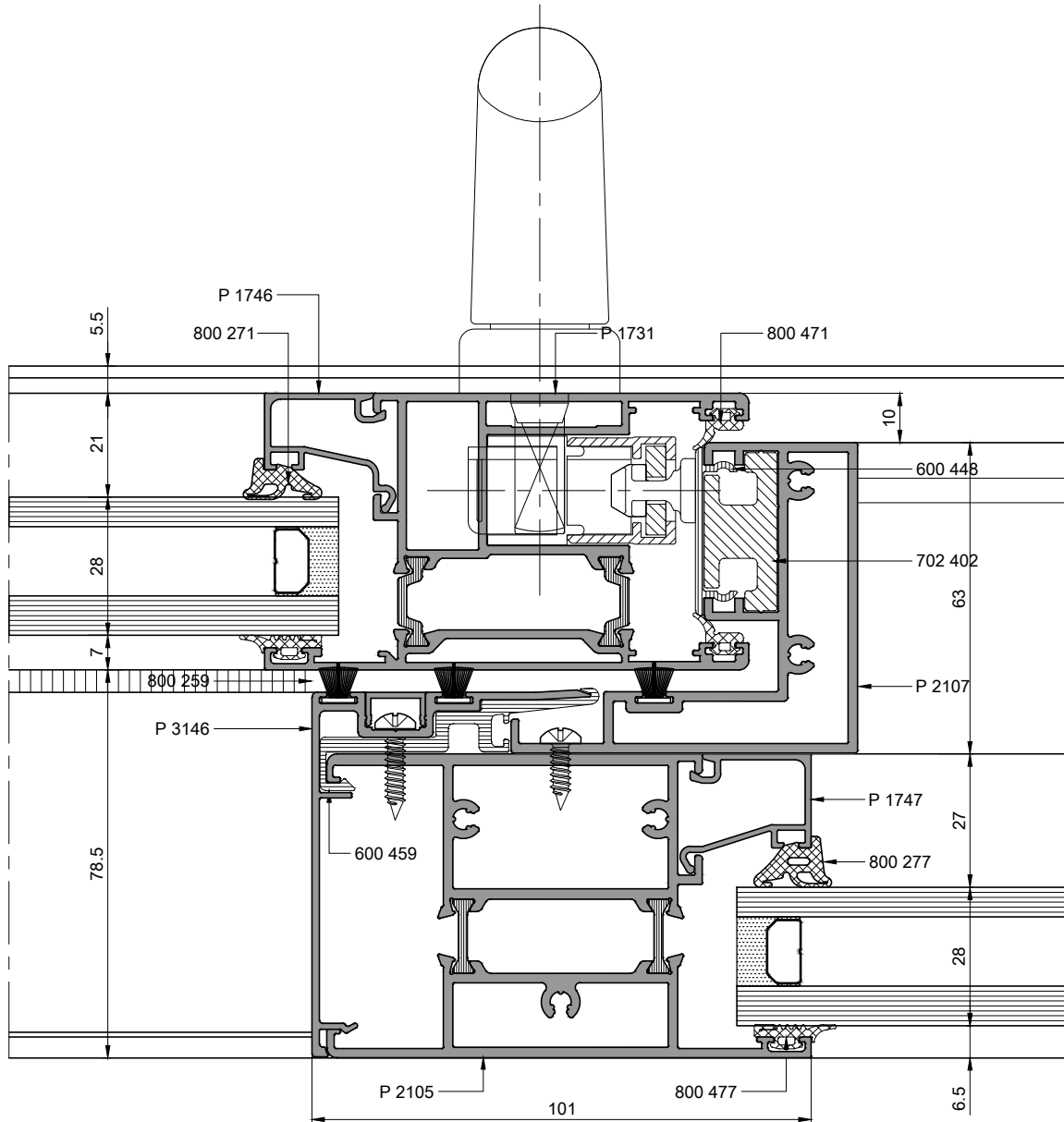
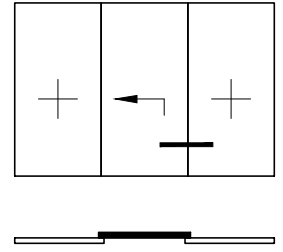
UNIQUE Max
KALDIR ve SÜR KAPI SİSTEMİ
LIFT&SLIDE DOOR SYSTEM

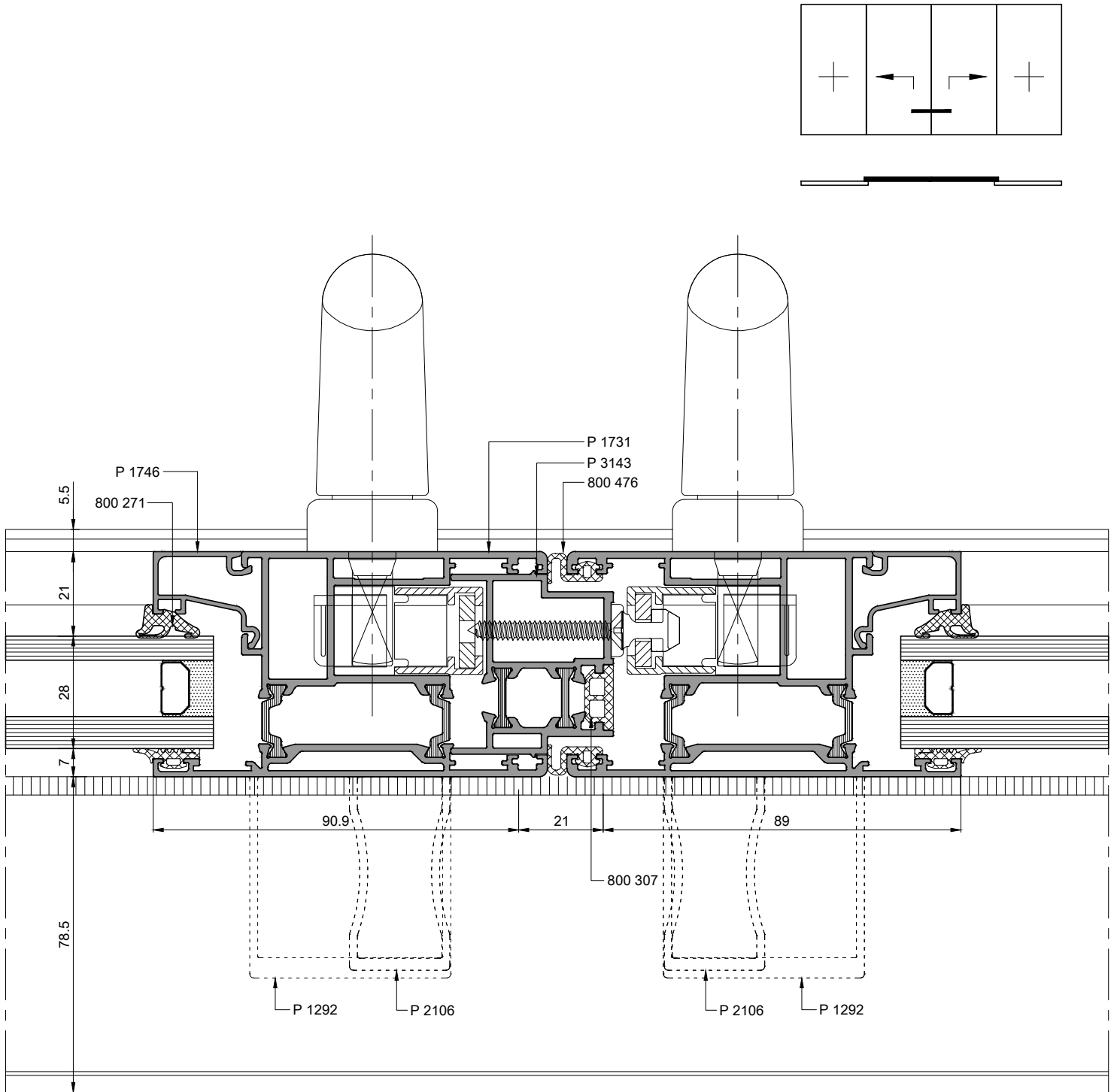
TEK RAYLI KASA İLE
PRENSİP SİSTEM DETAYLARI
PRINCIPAL SECTIONS for
SINGLE TRACK PROFILE

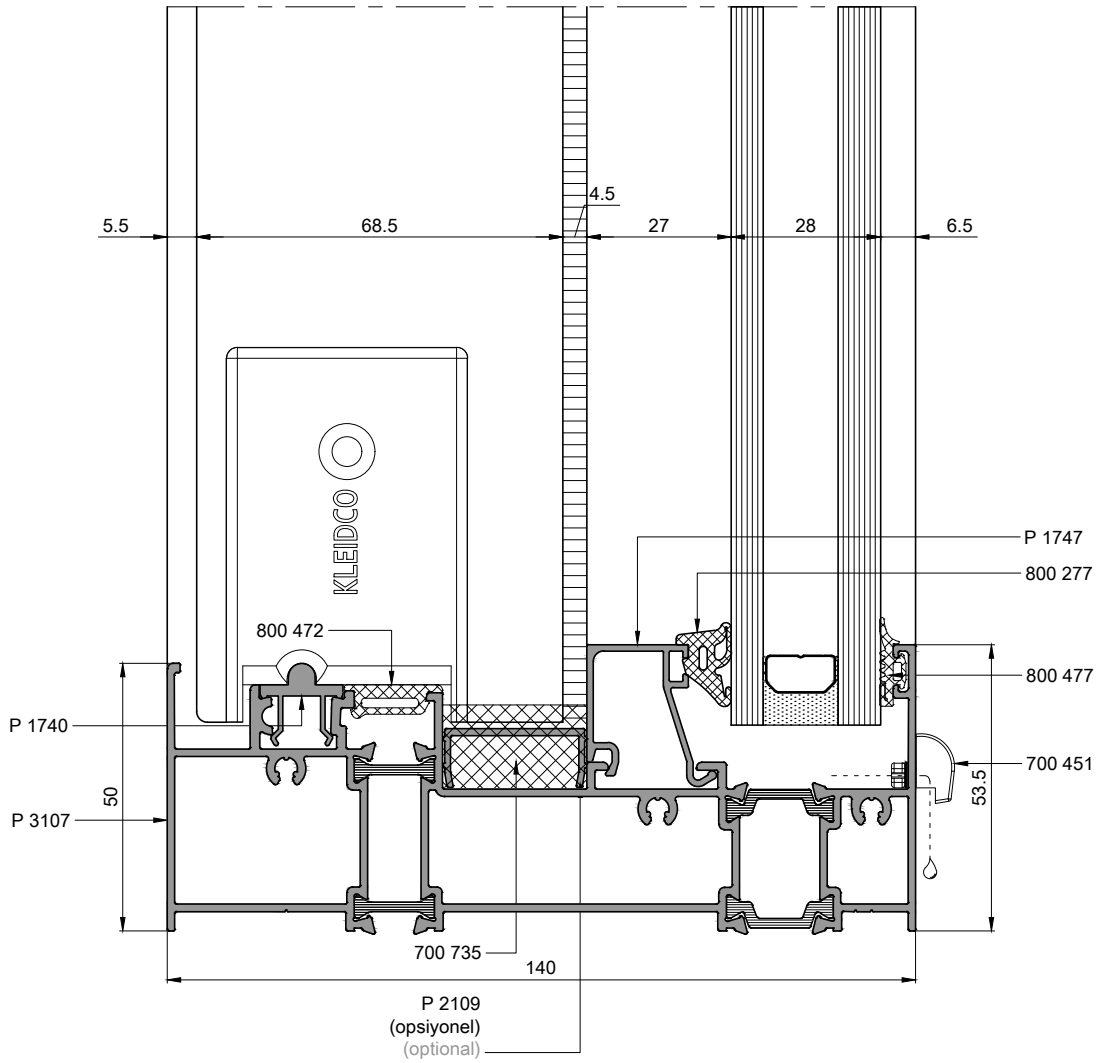
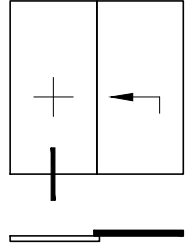


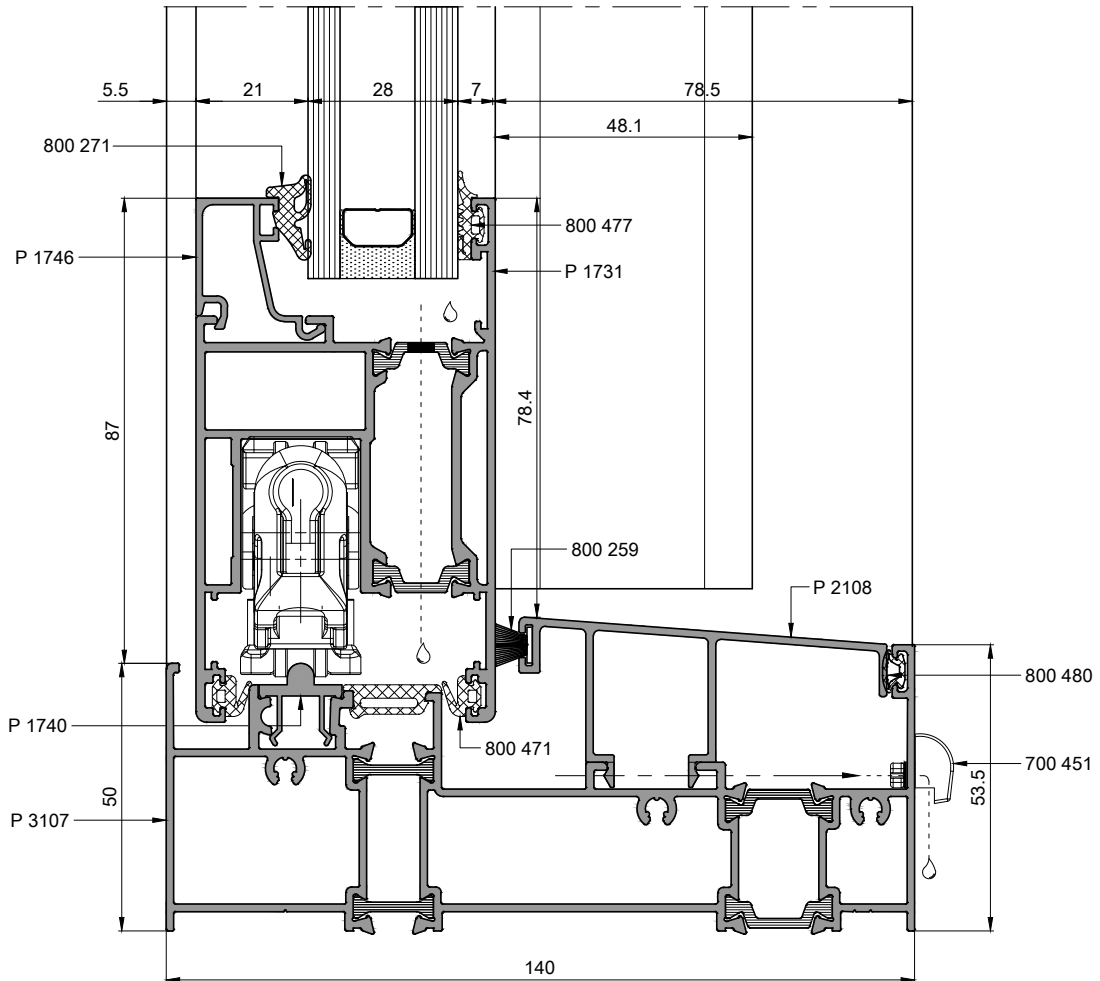
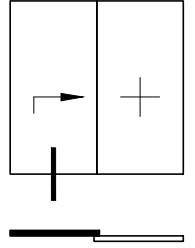


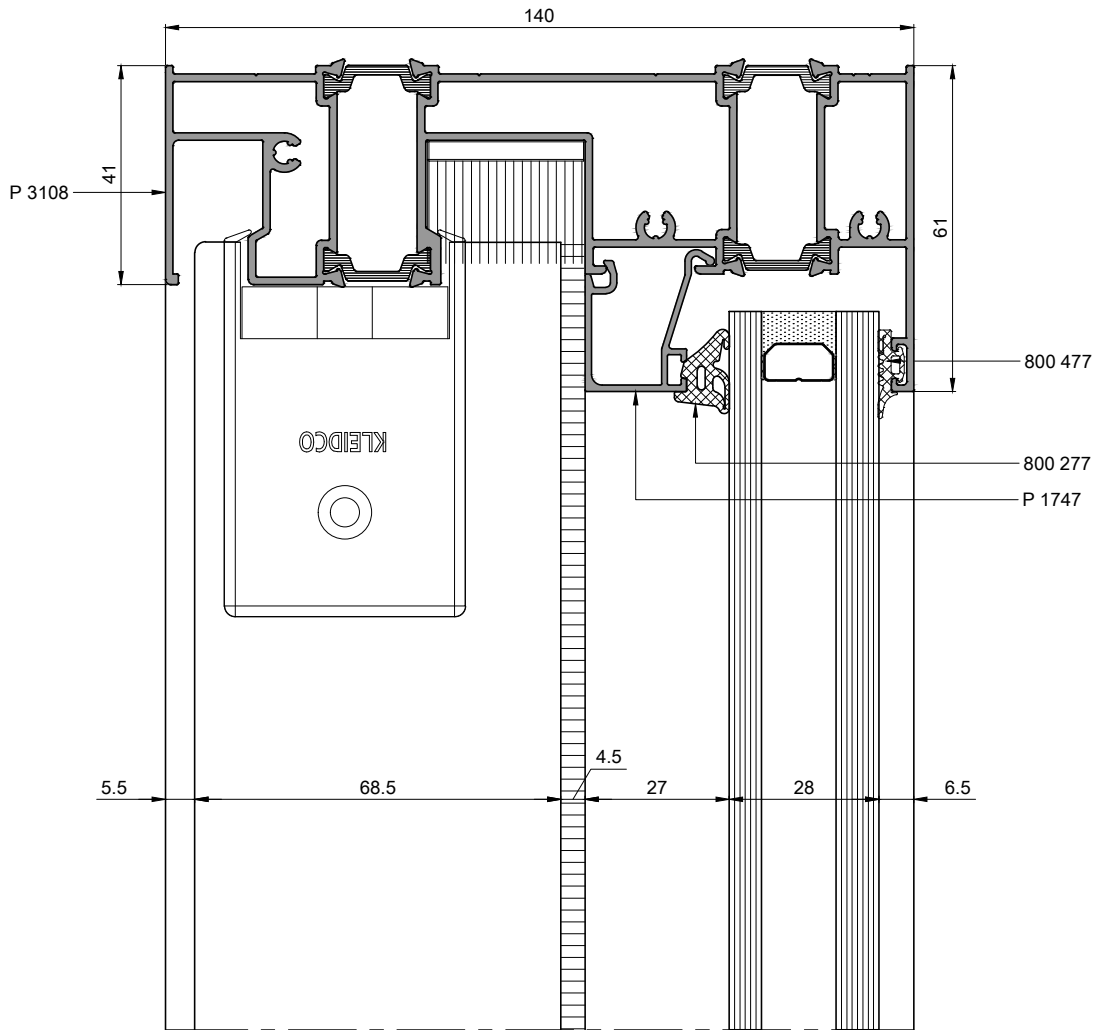
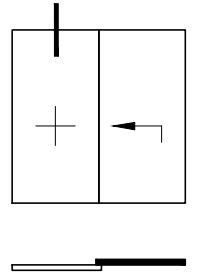


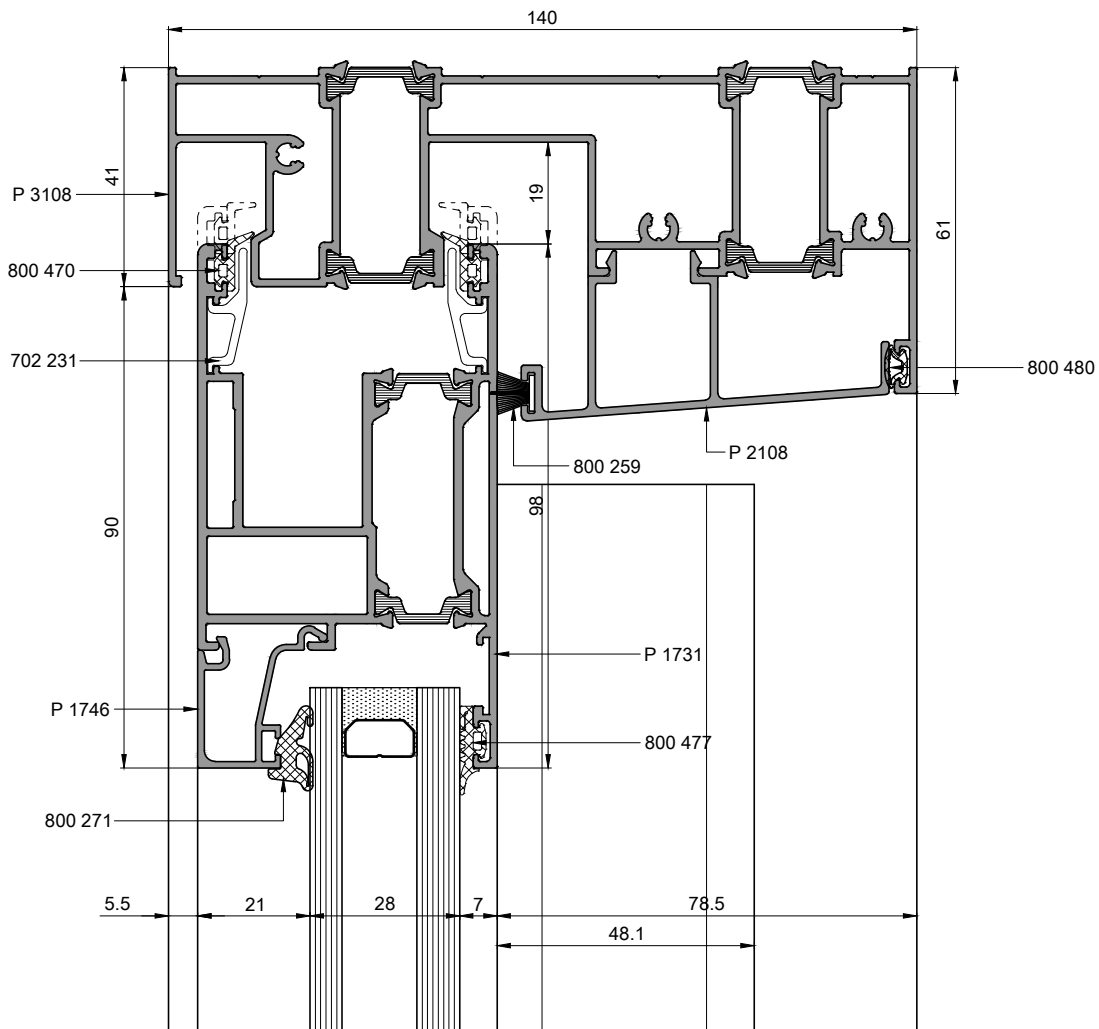
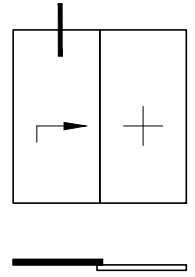


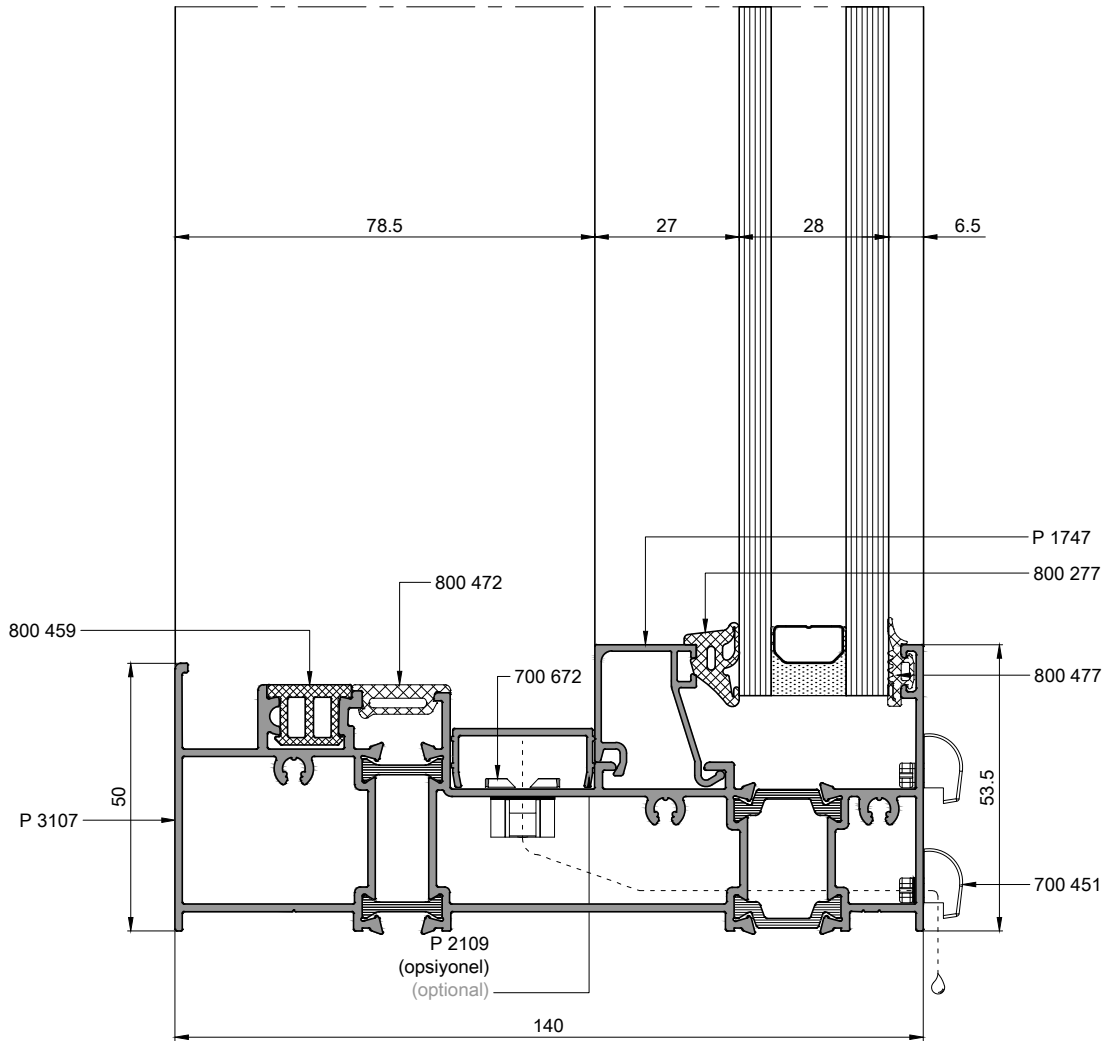
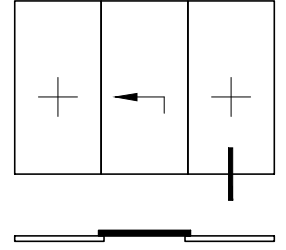


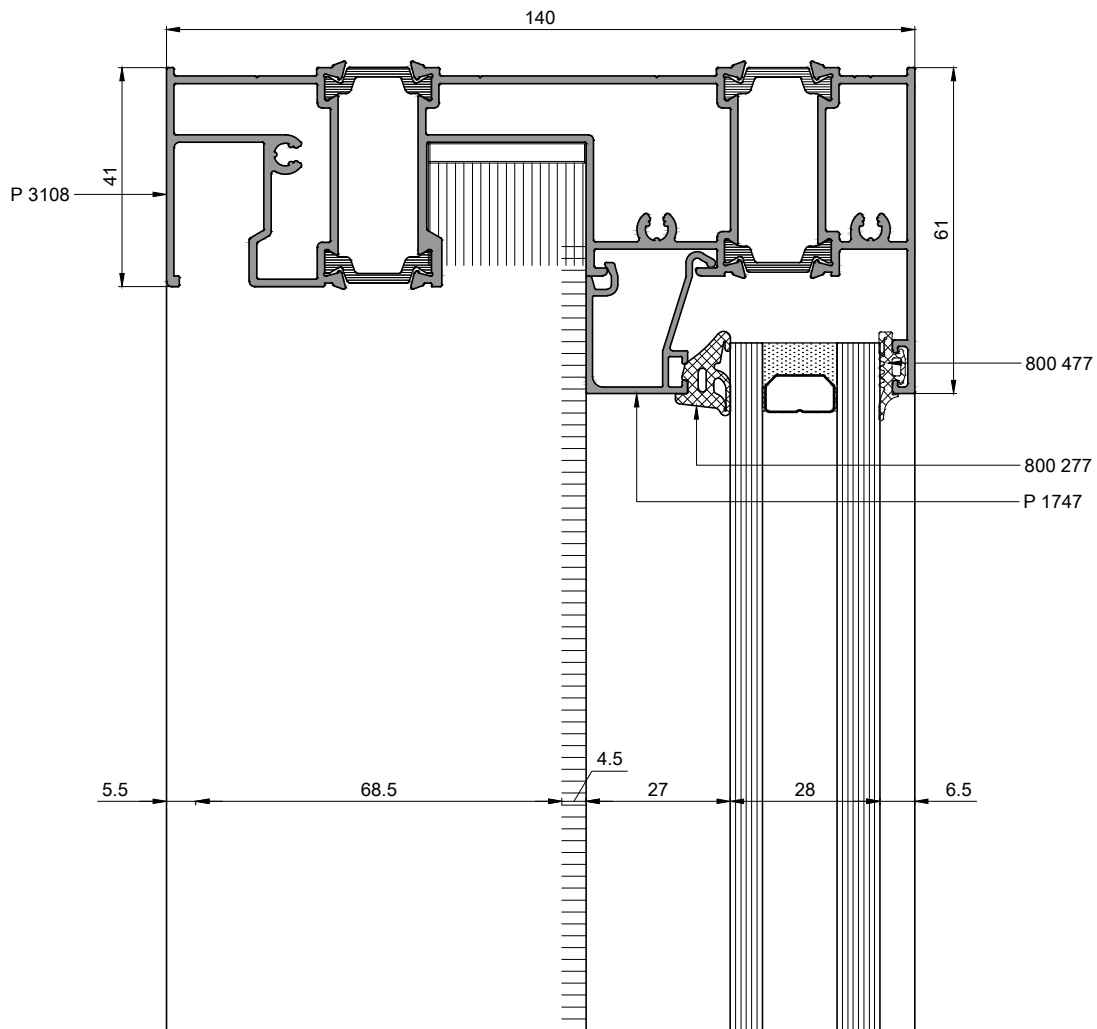
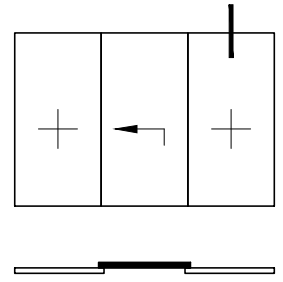


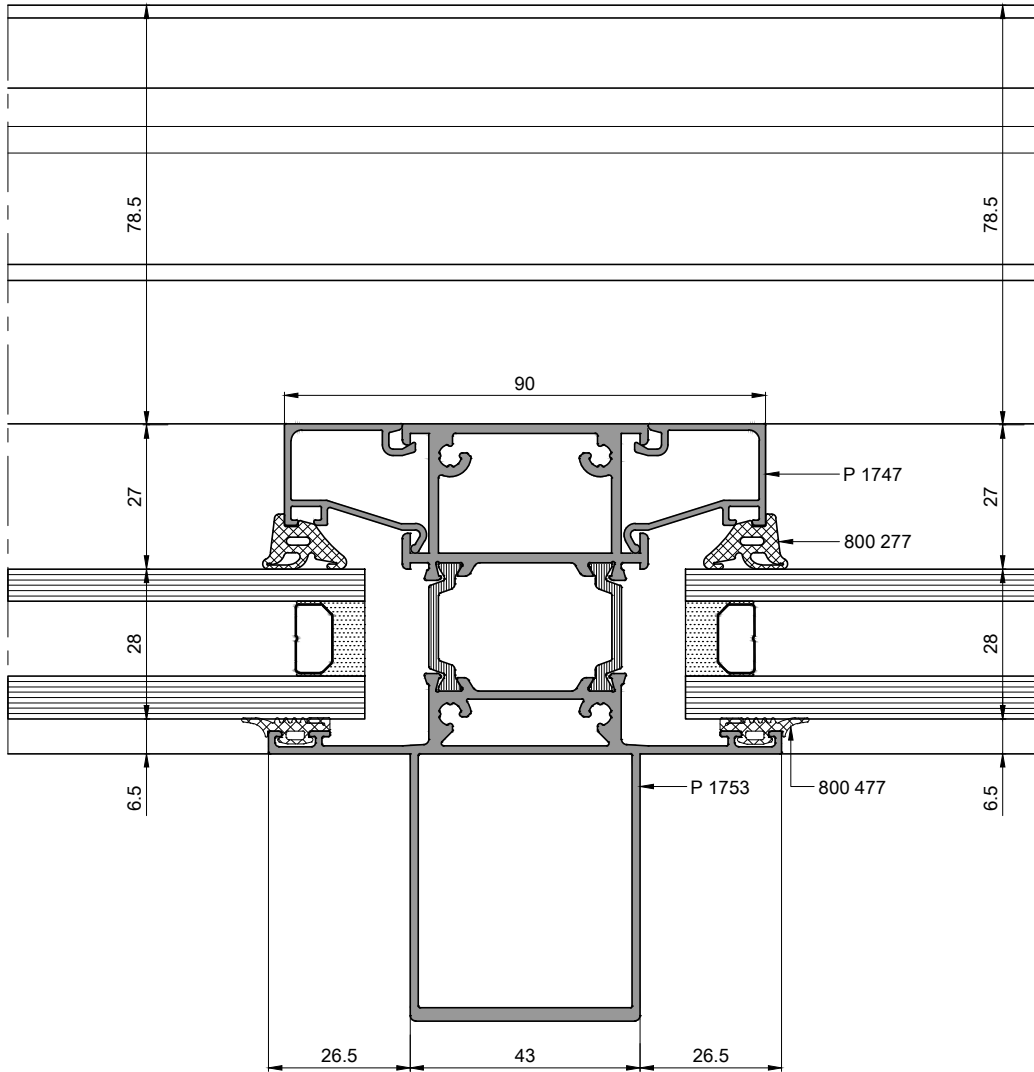
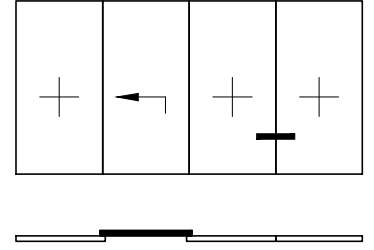


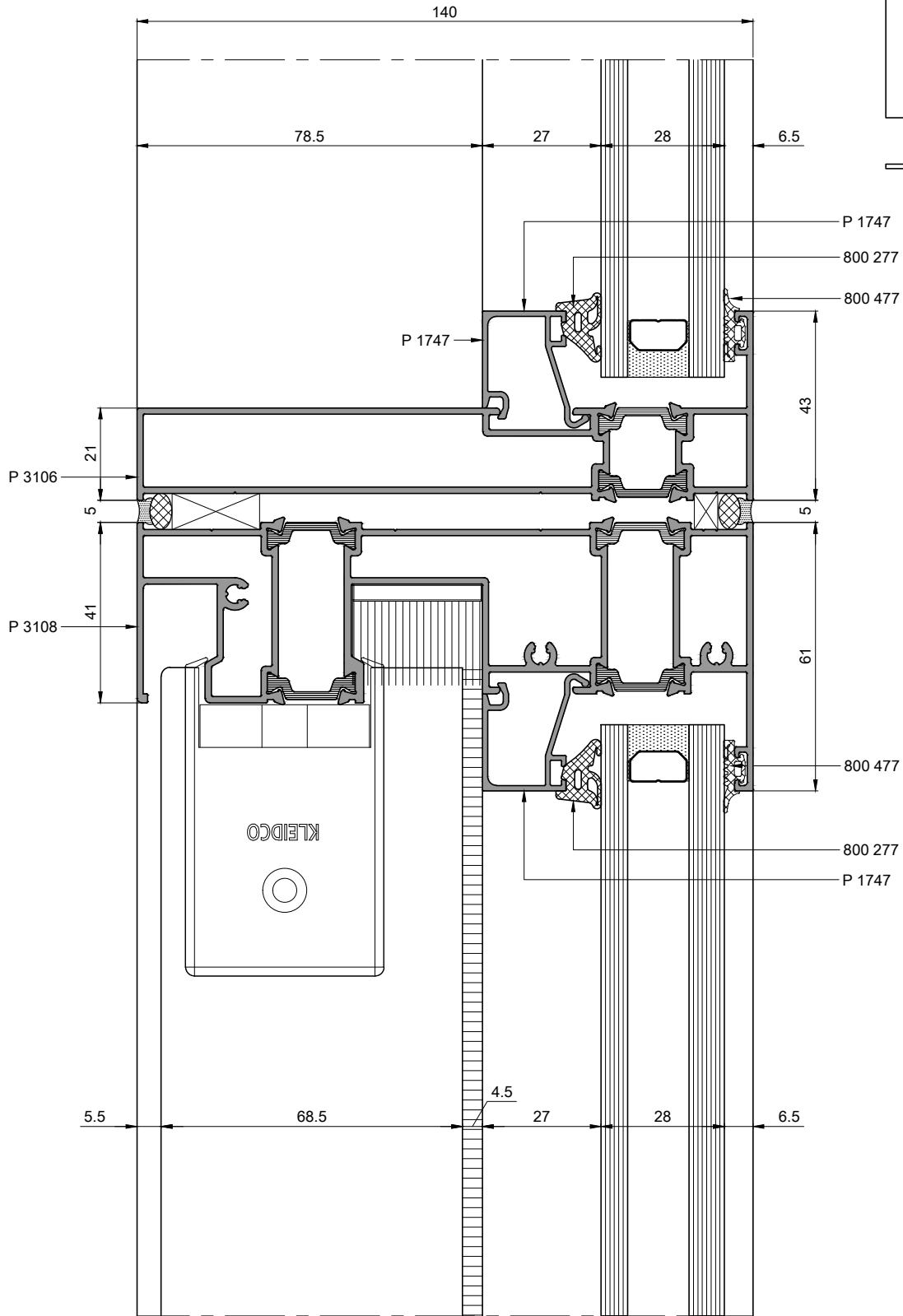


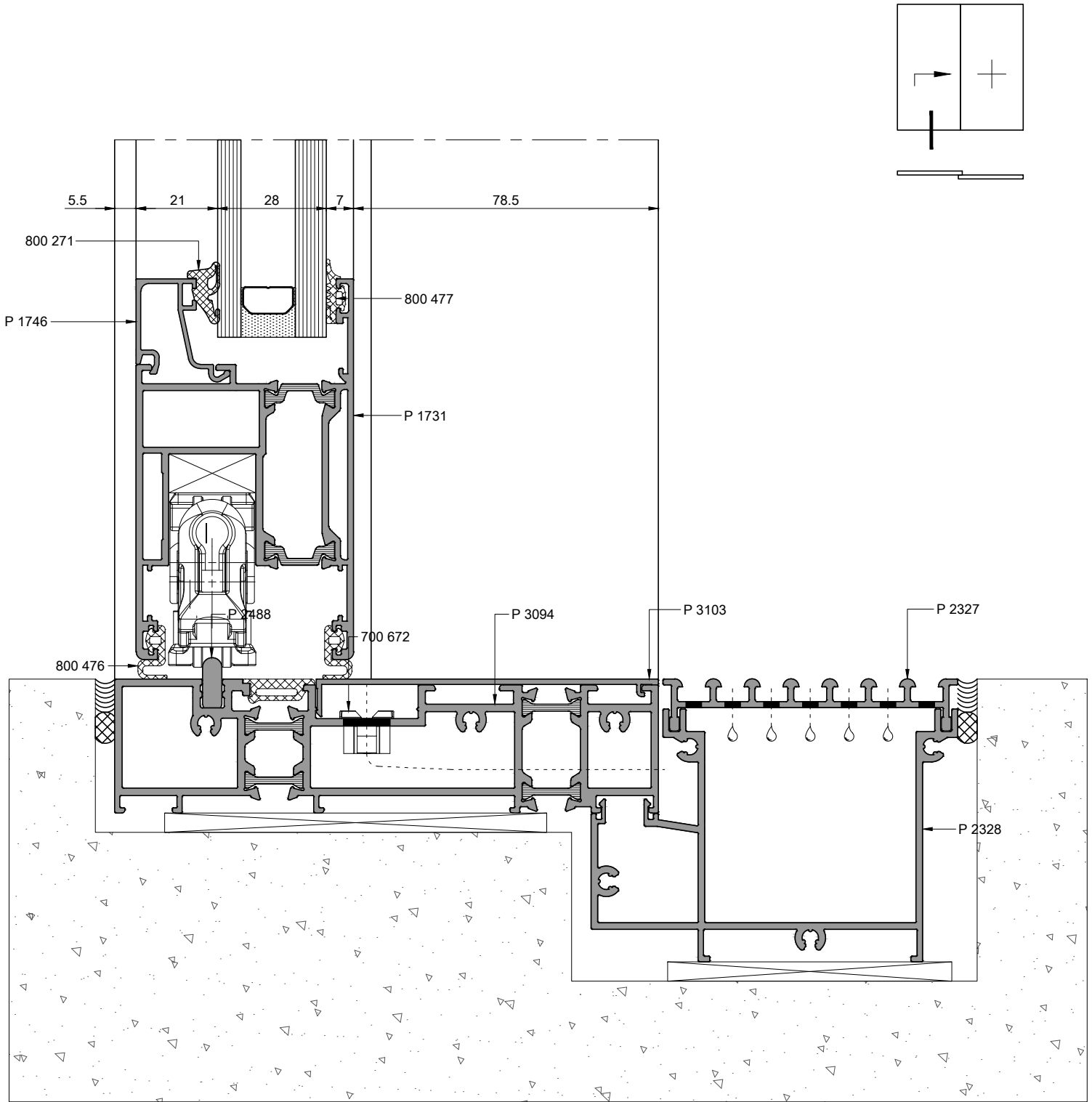


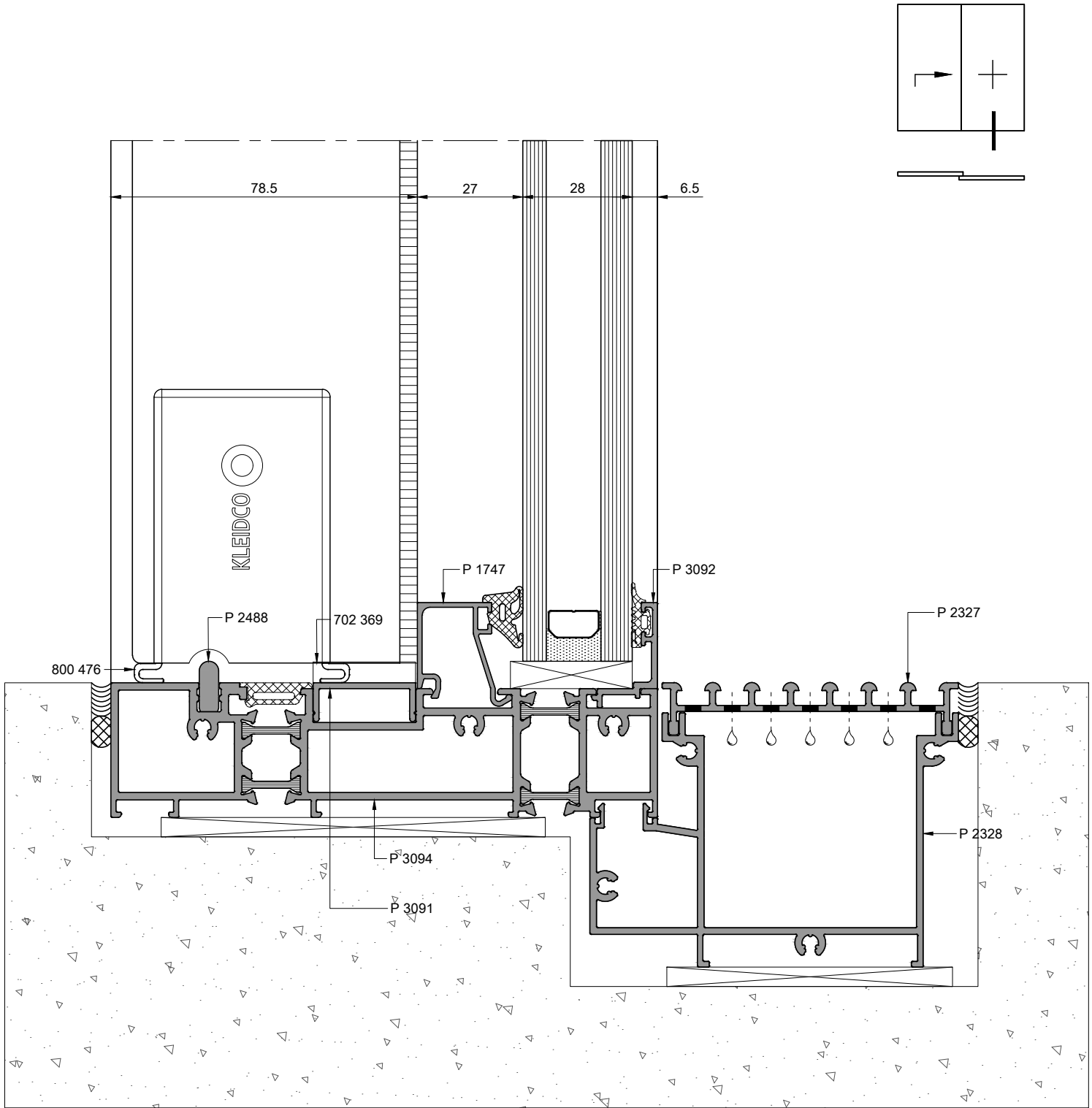


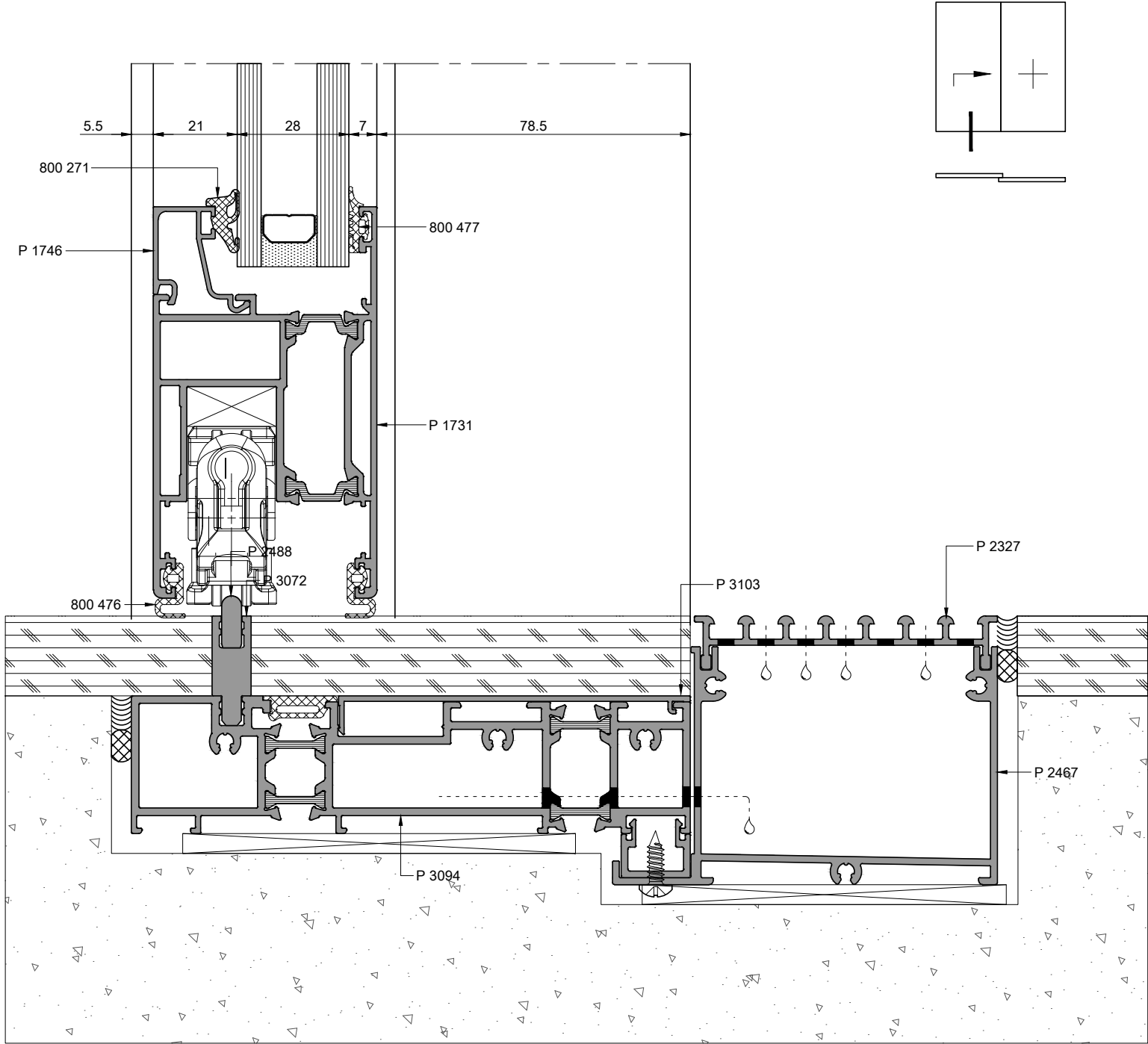


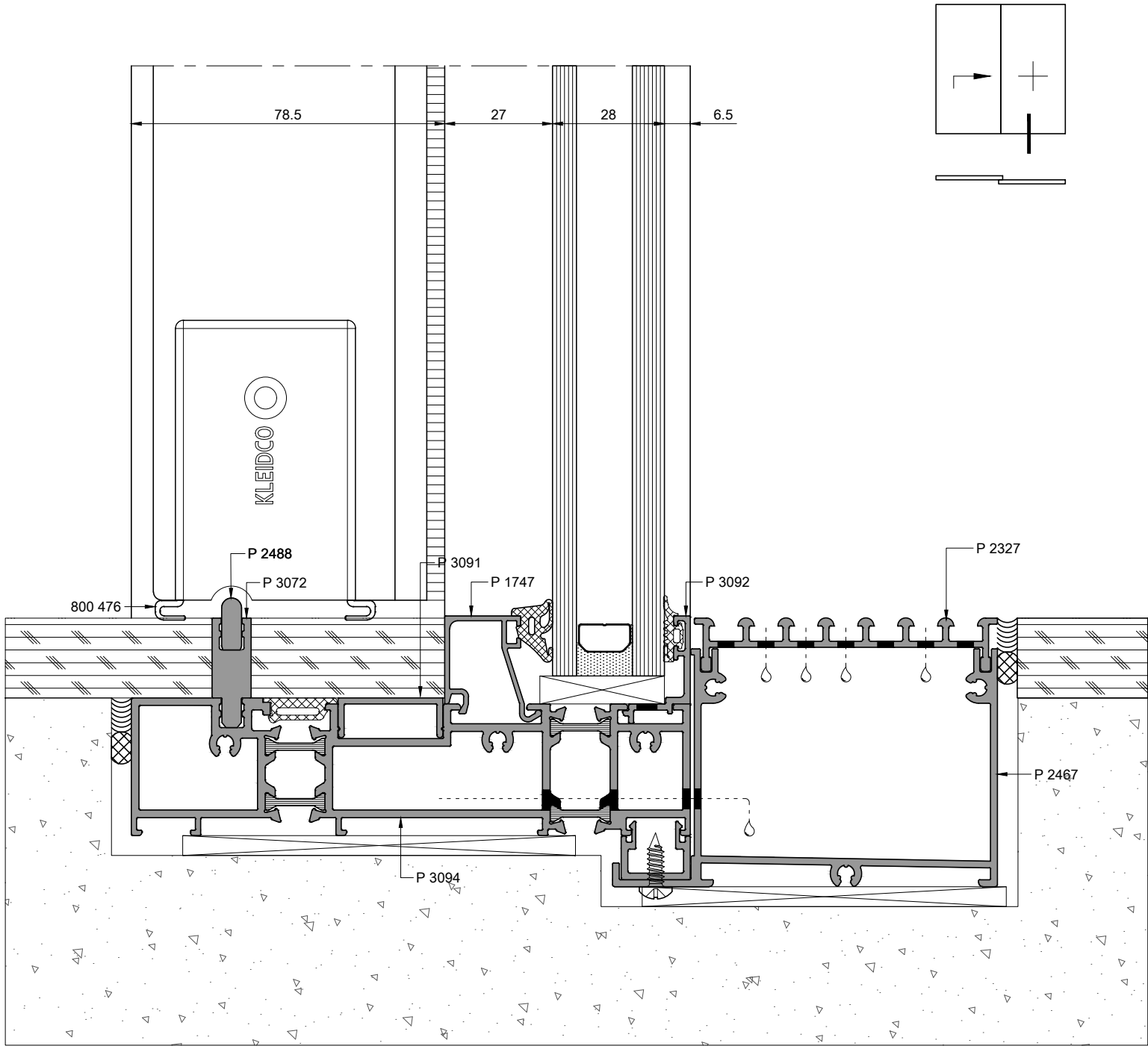


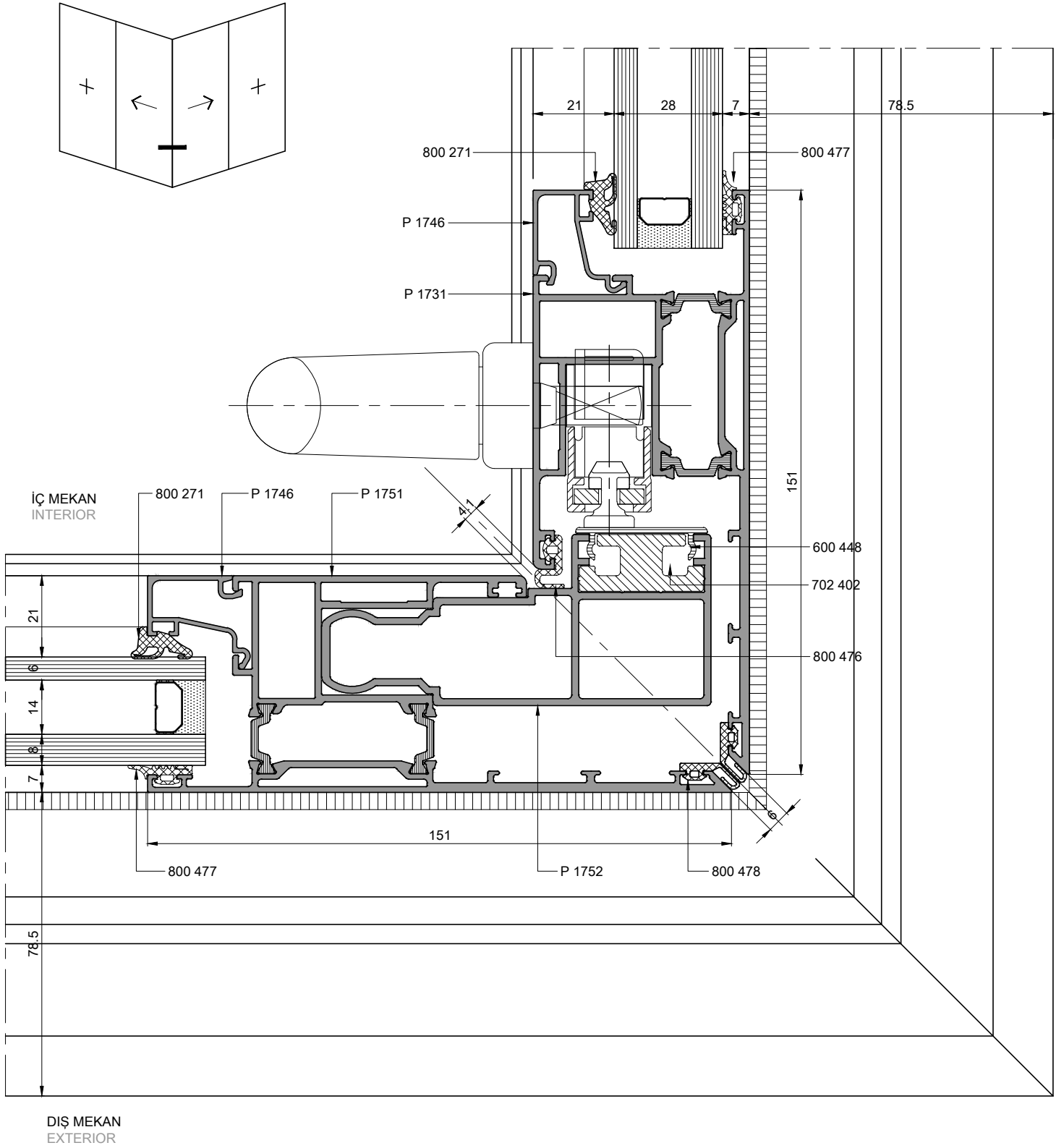






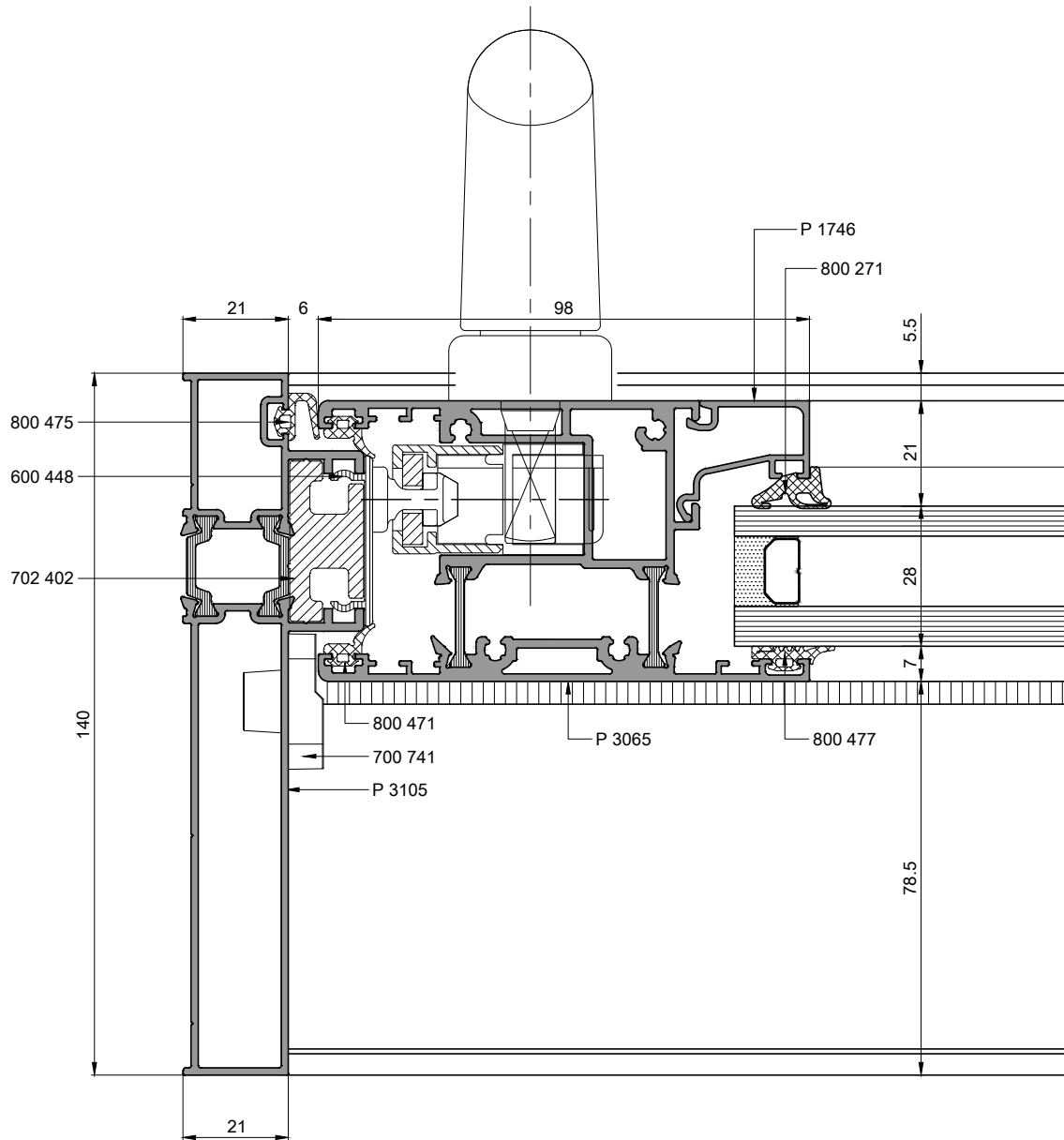
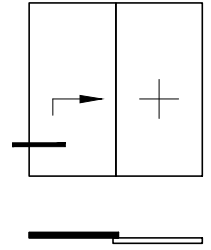


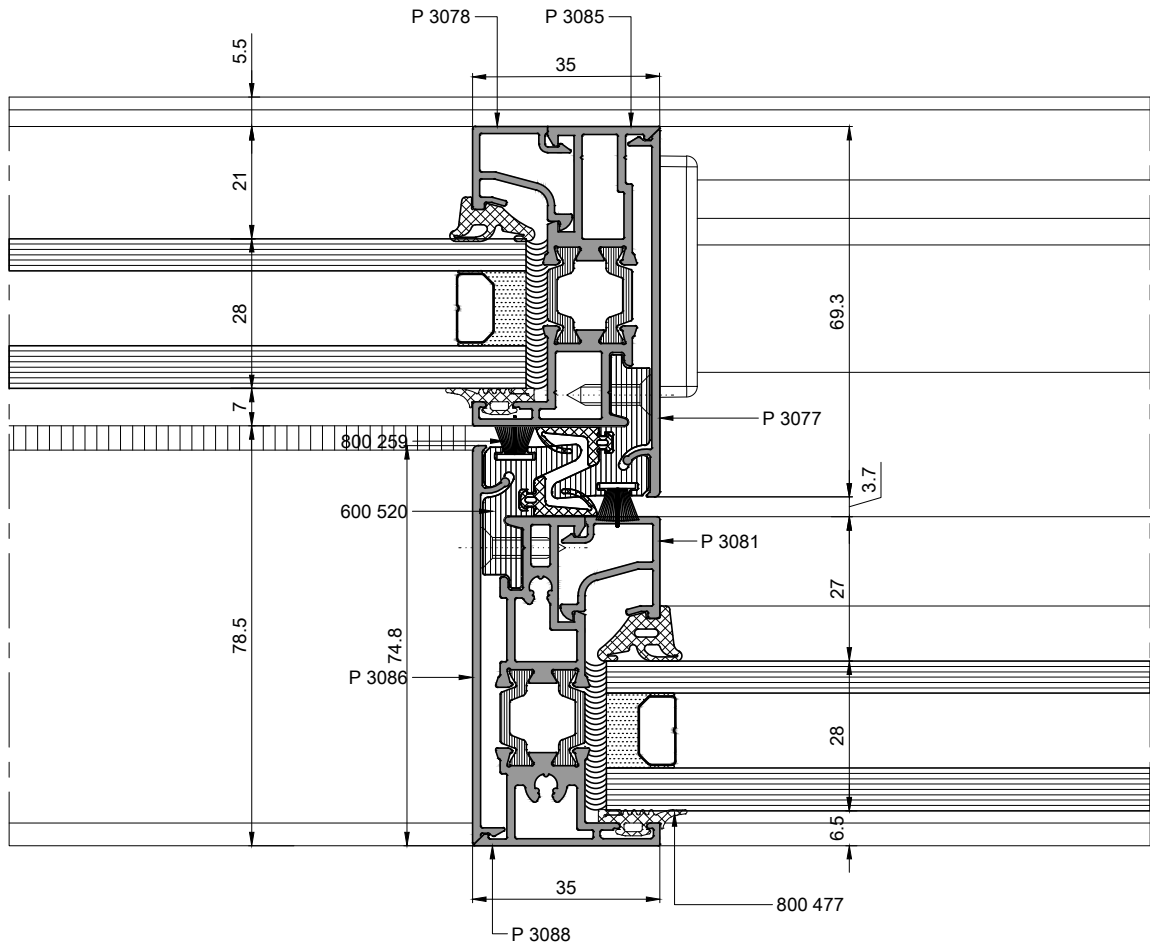
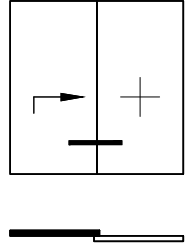


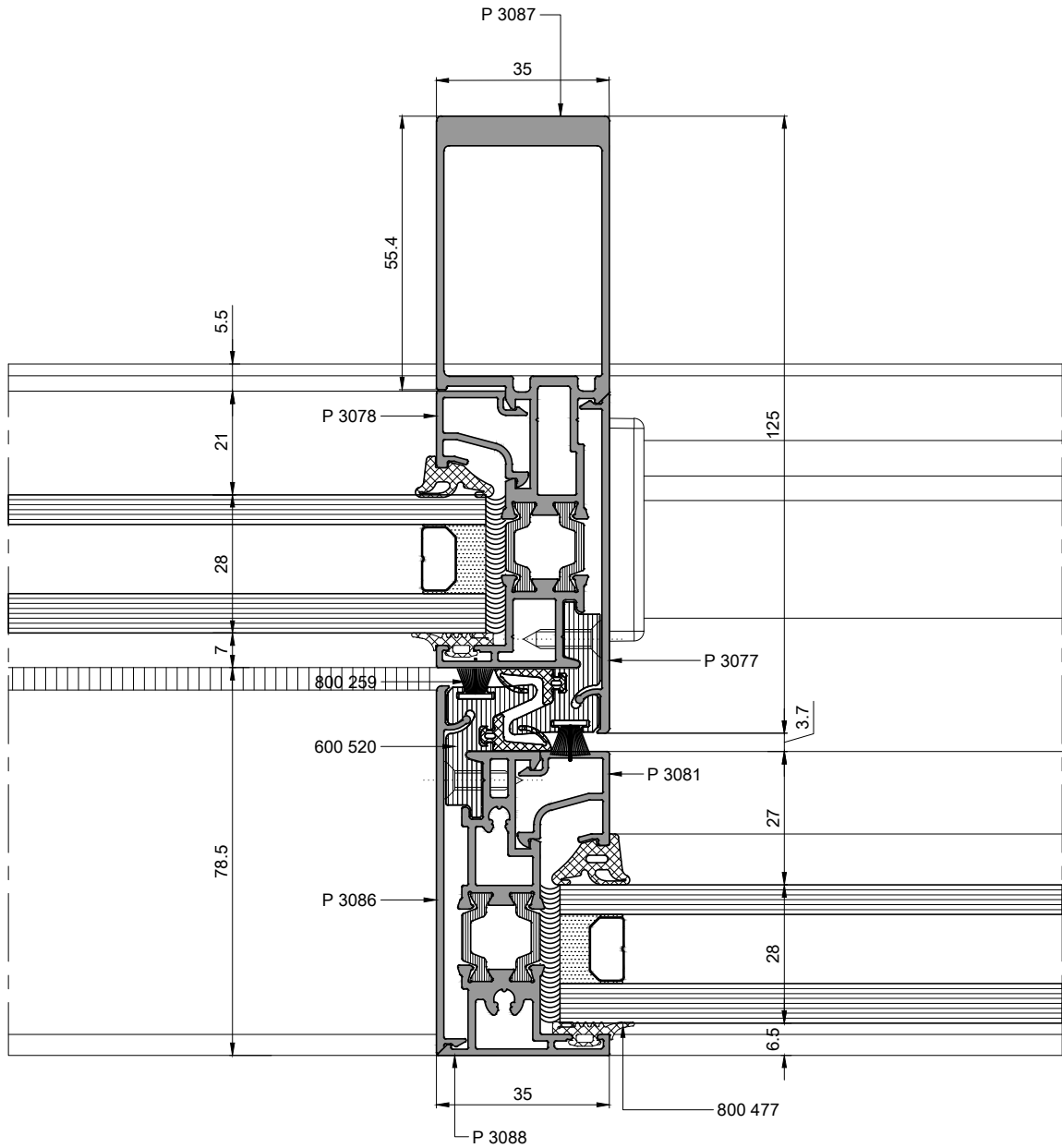
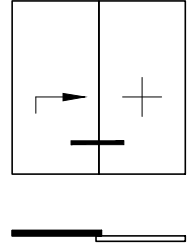


UNIQUE Max
KALDIR ve SÜR KAPI SİSTEMİ
LIFT&SLIDE DOOR SYSTEM

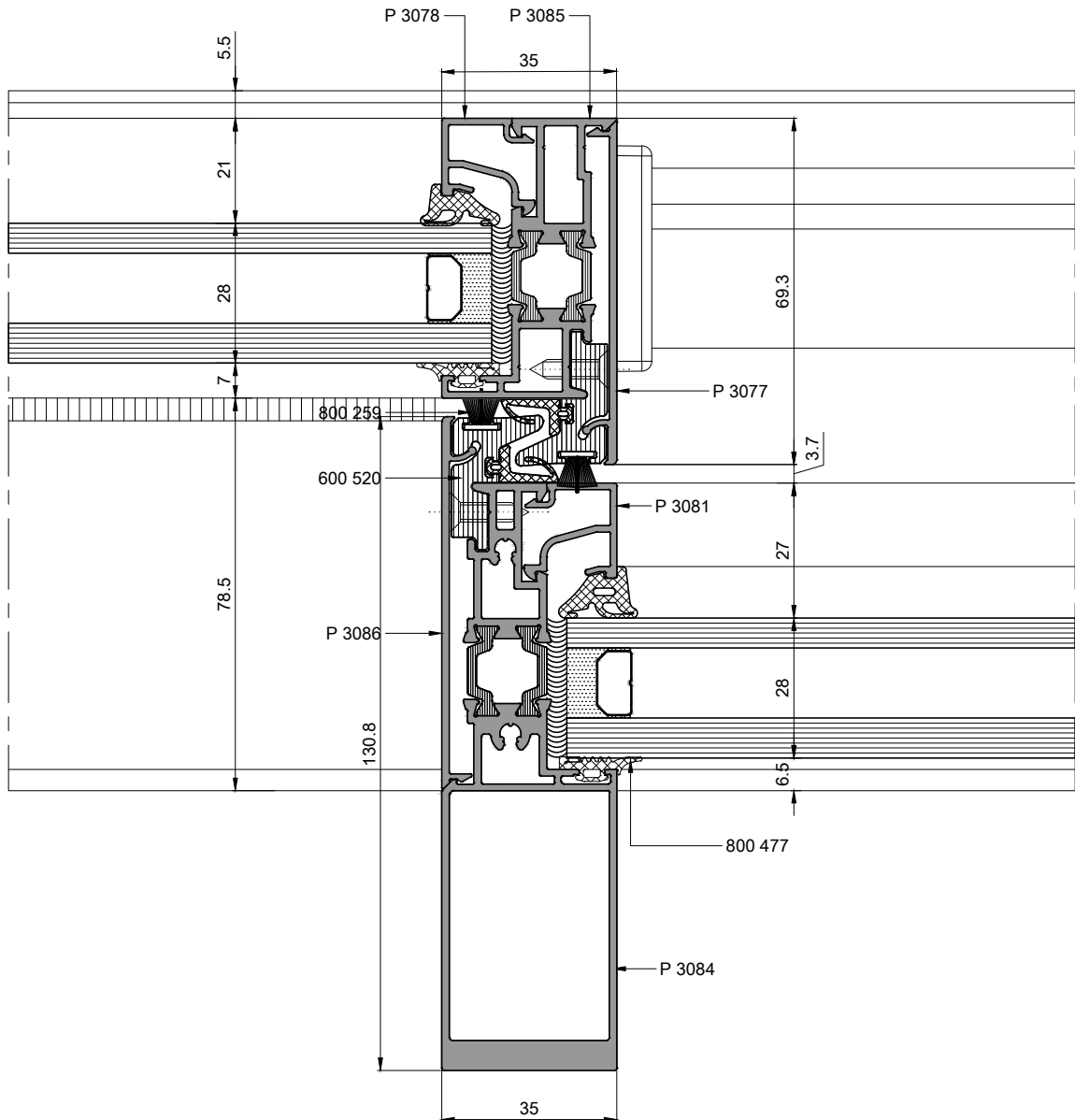
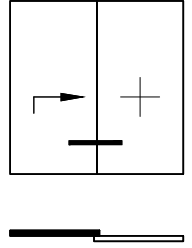
TEK RAYLI KASA İLE İNCE KANAT
PRENSİP SİSTEM DETAYLARI
PRINCIPAL SECTIONS for SLIM SASH
SINGLE TRACK PROFILE

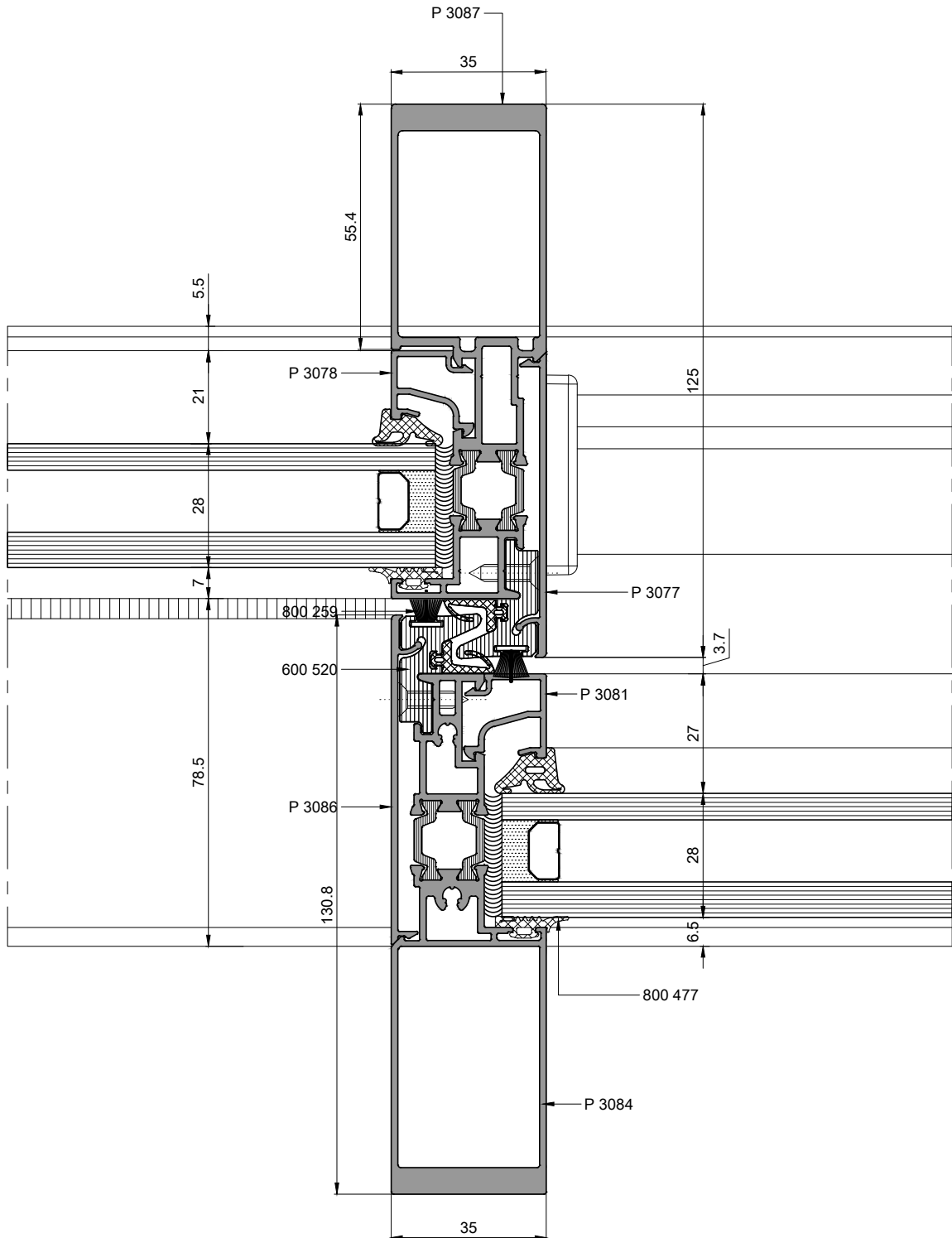
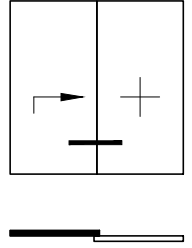


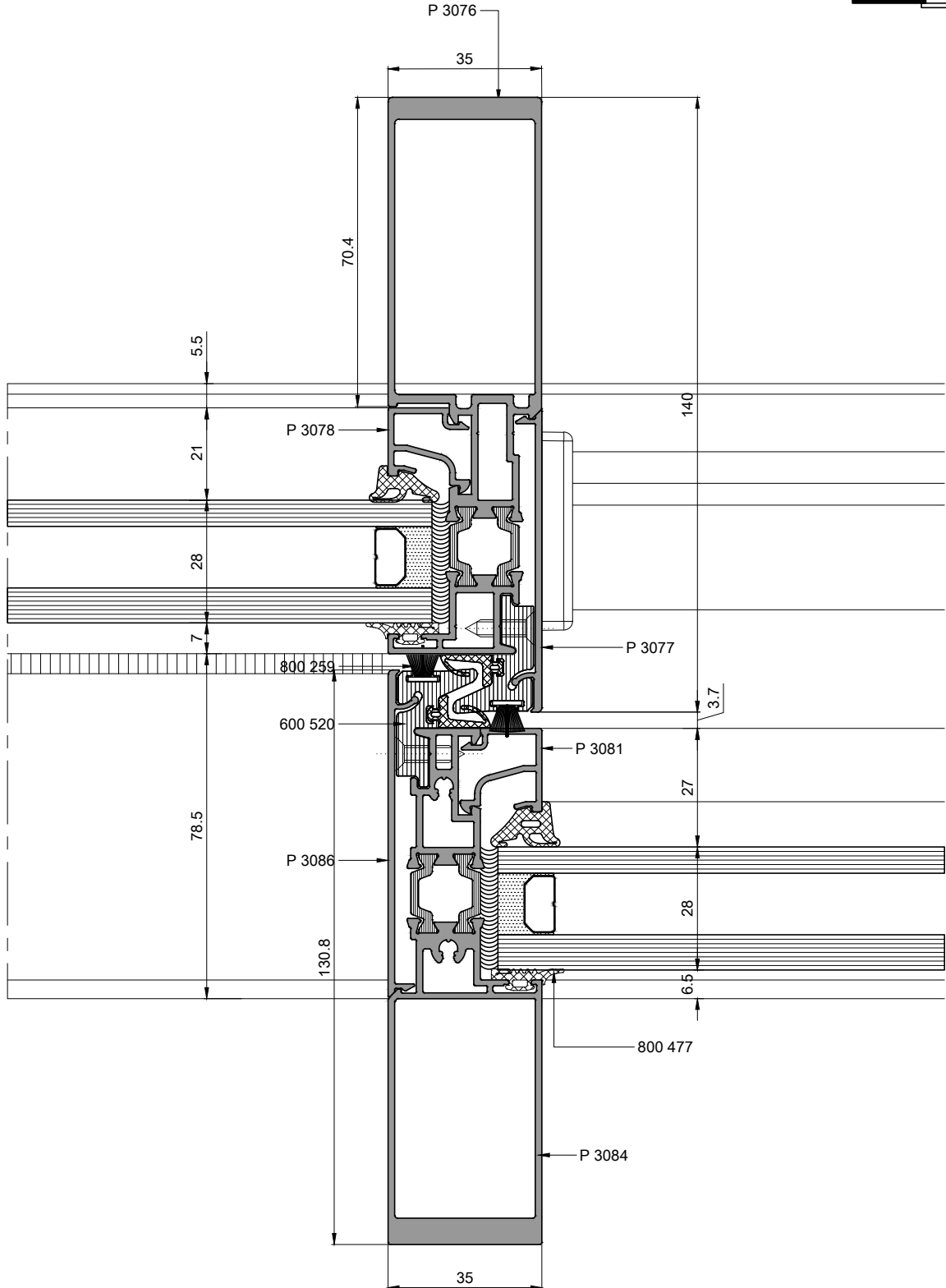
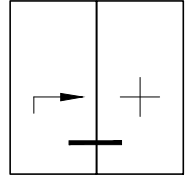


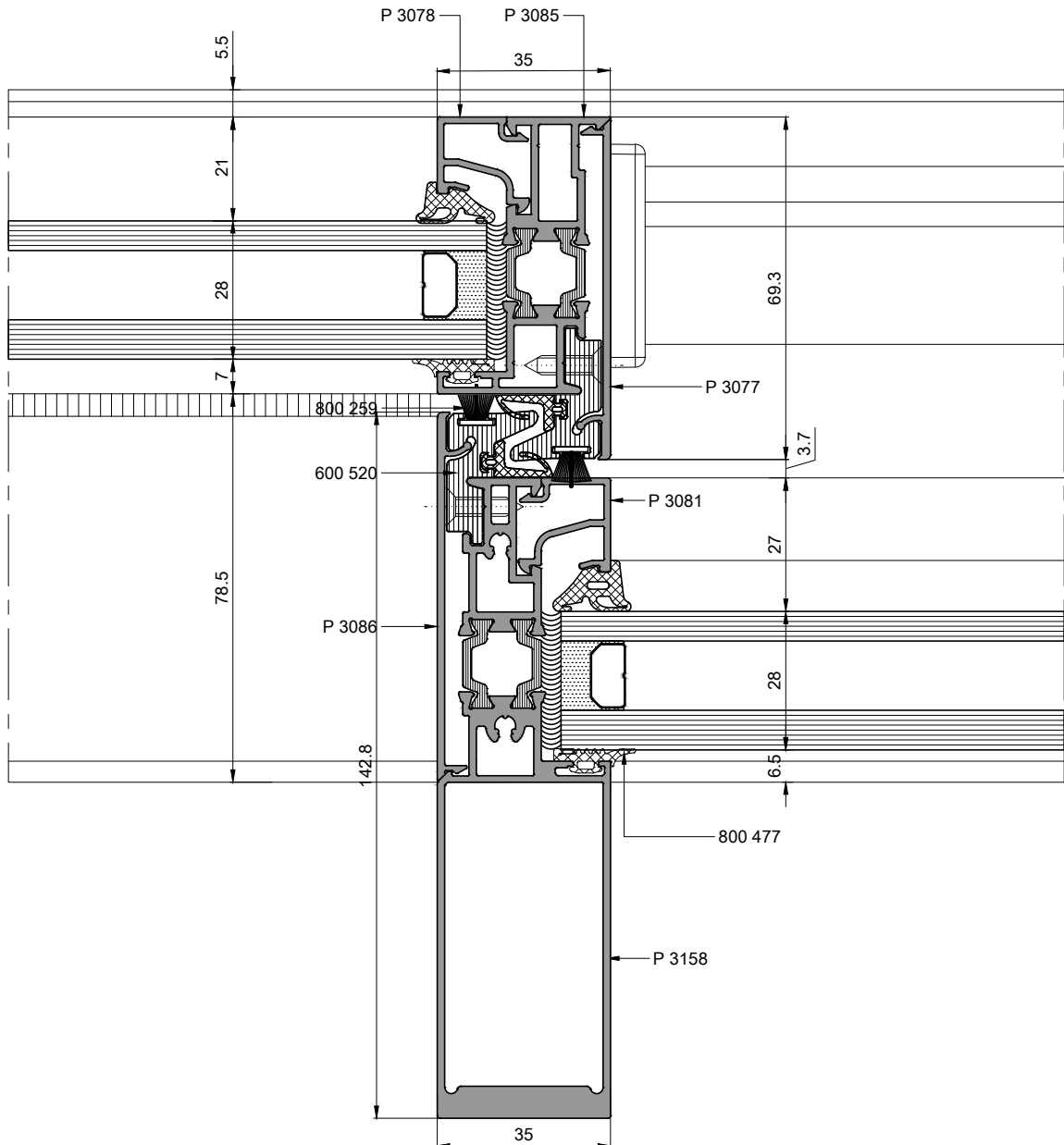
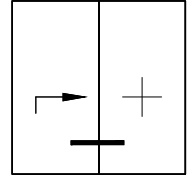


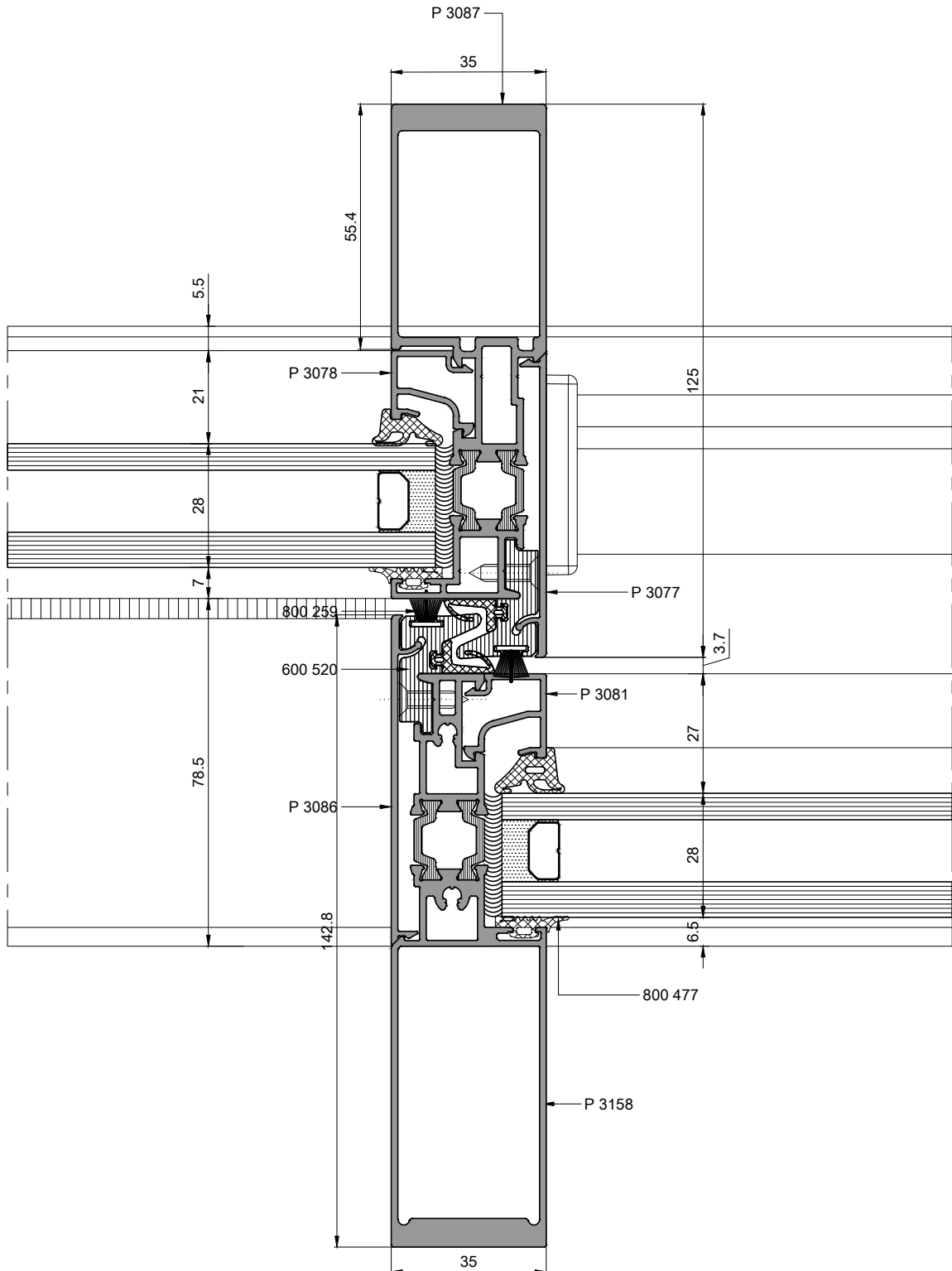
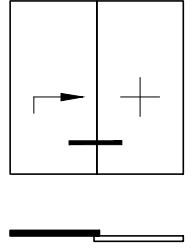


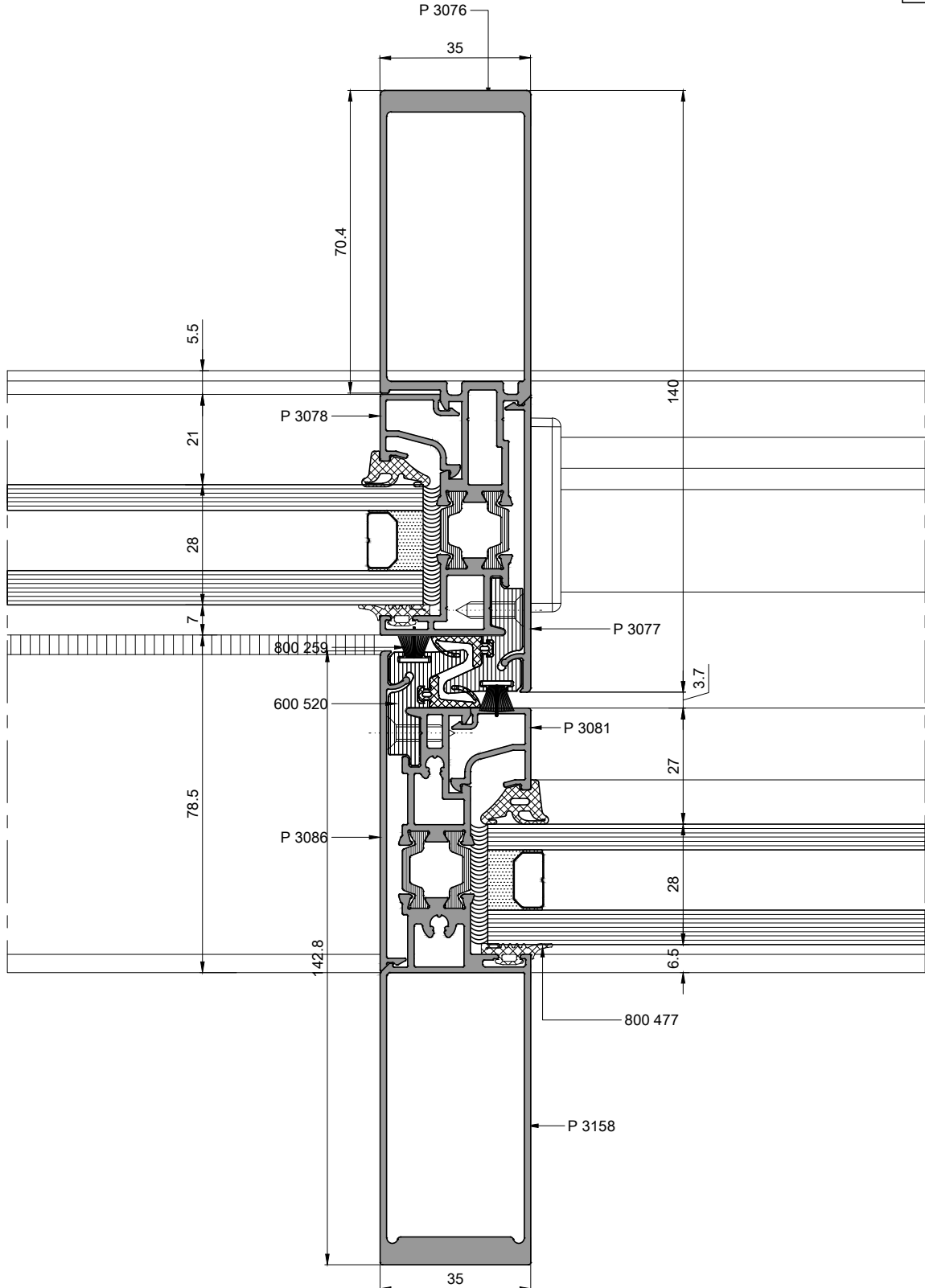
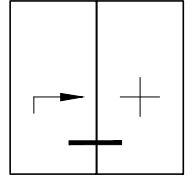


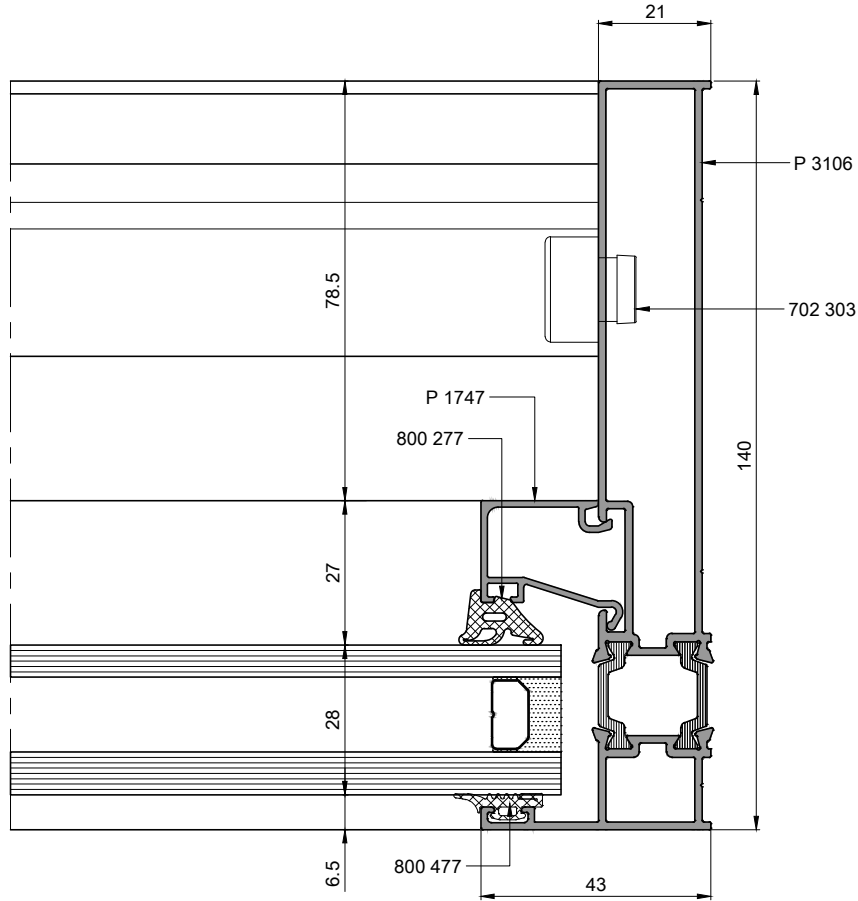
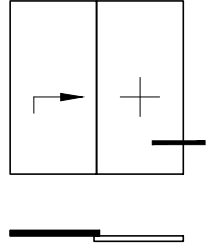


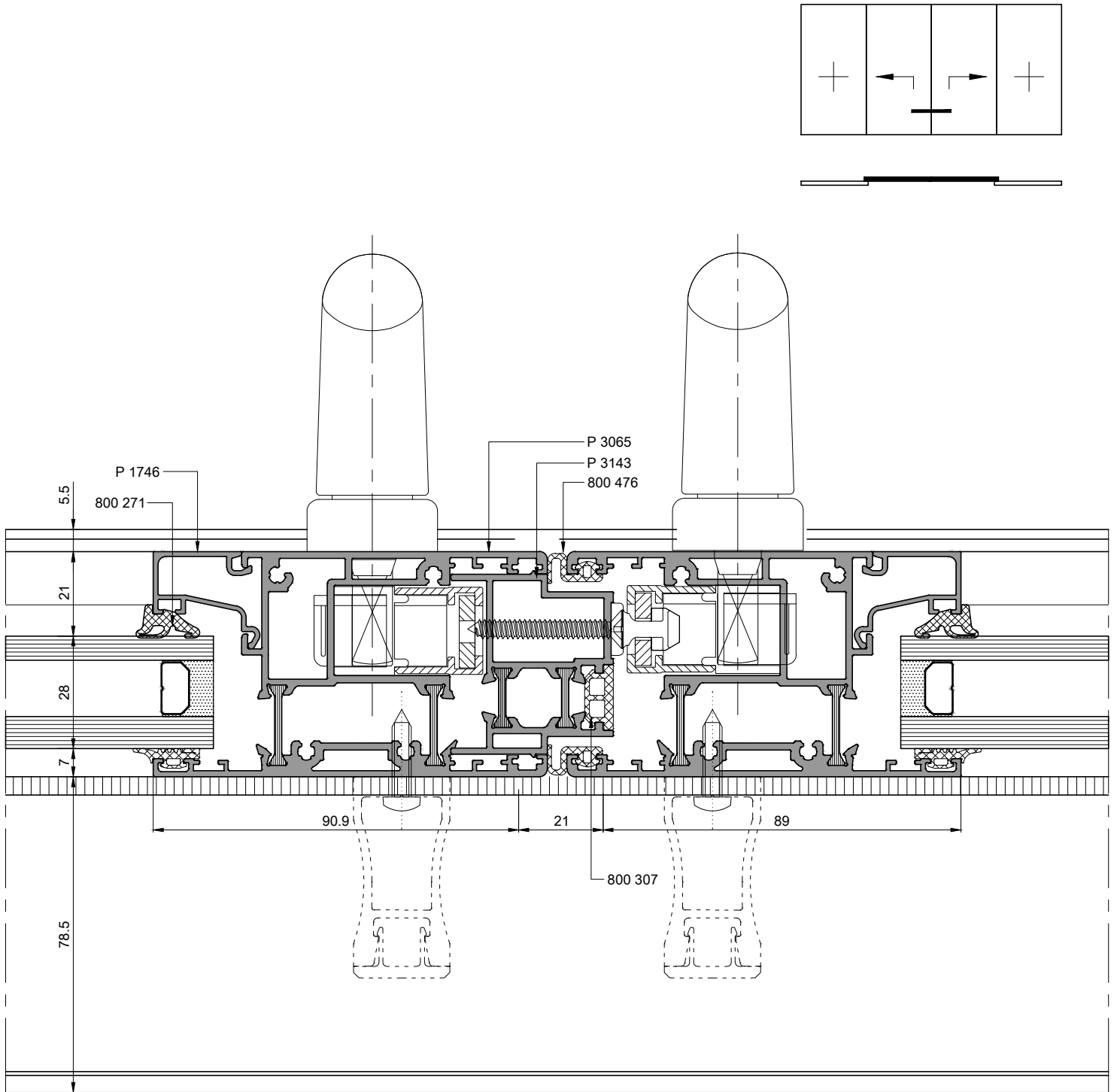


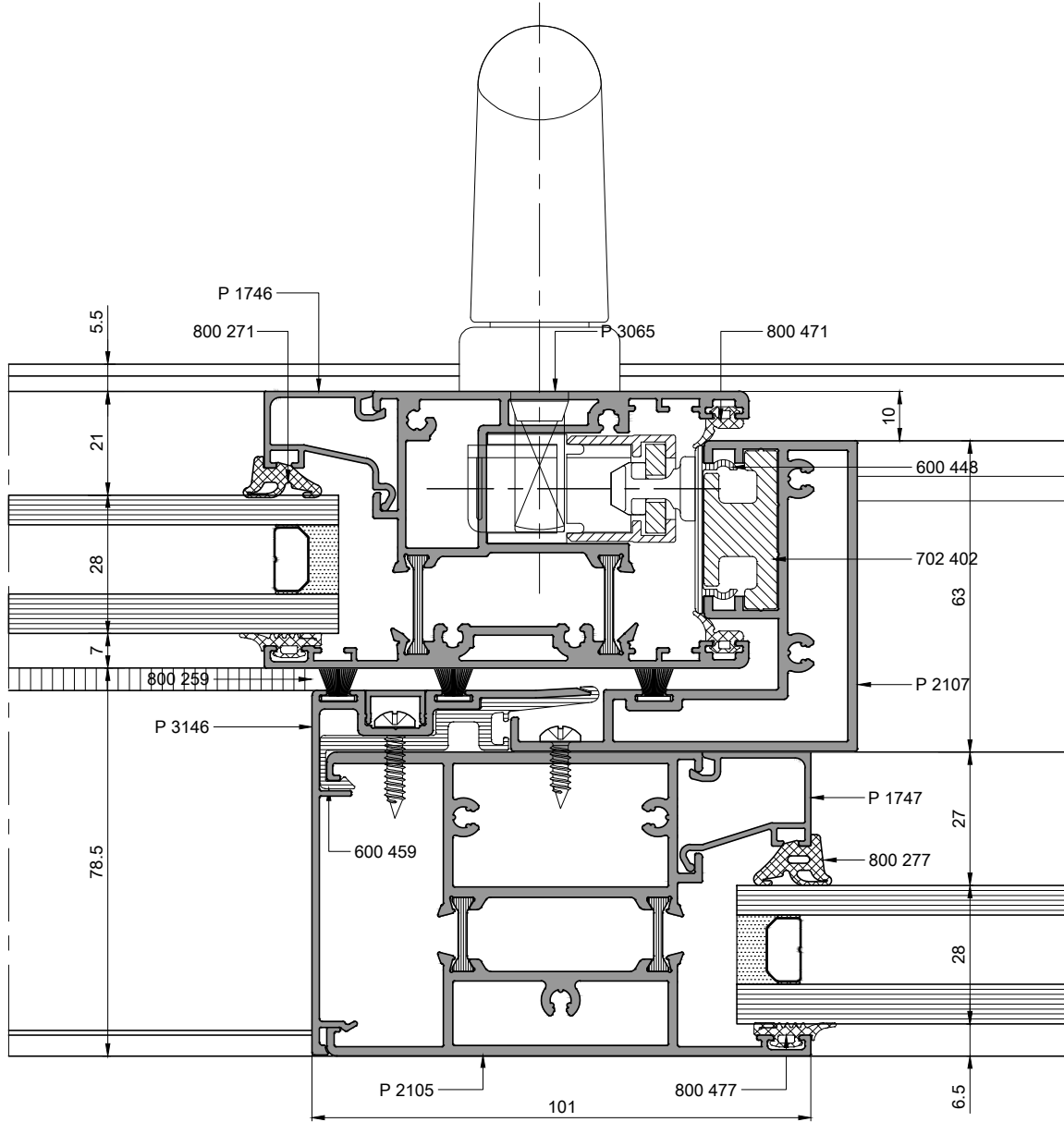
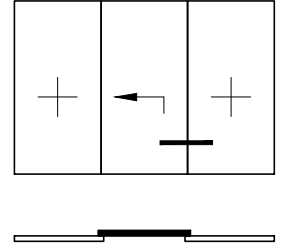


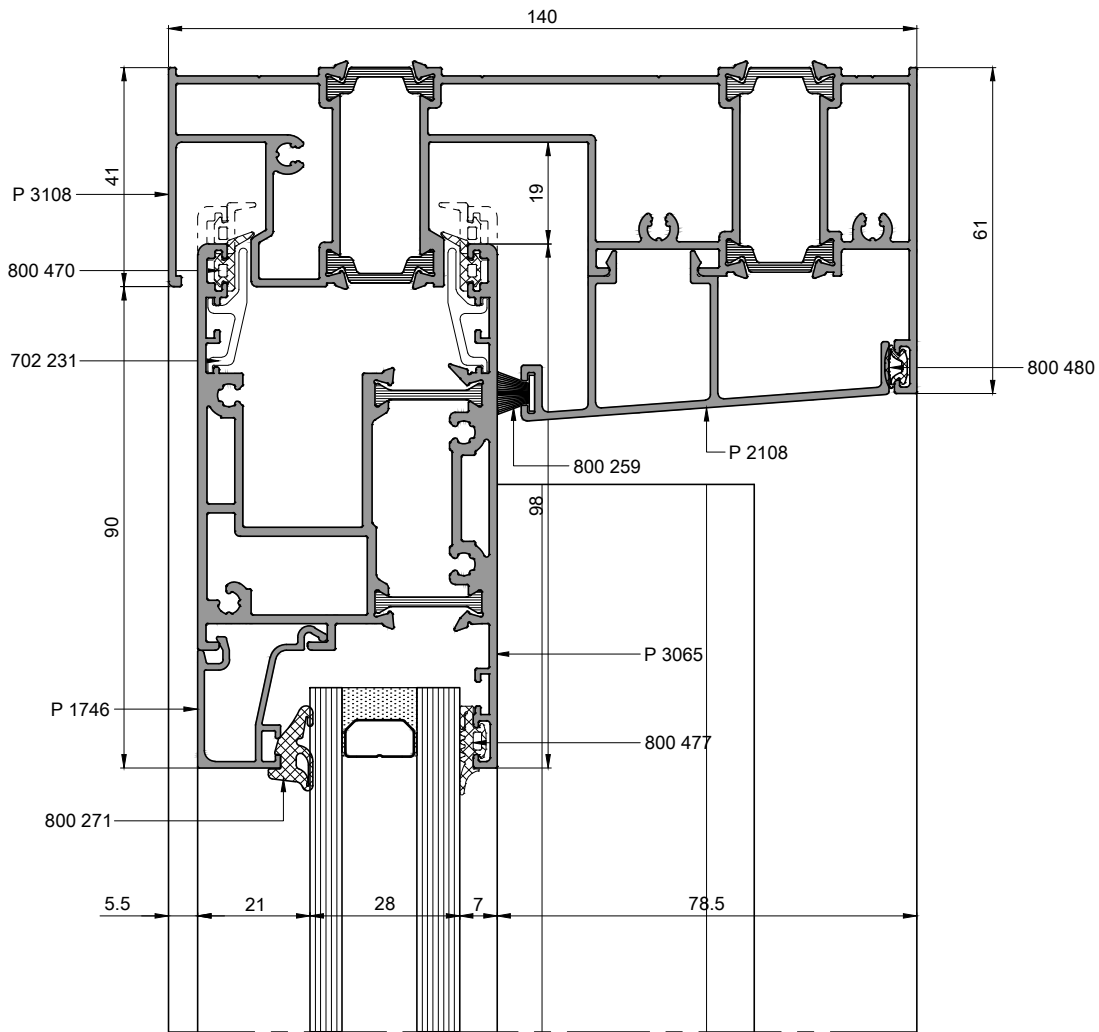
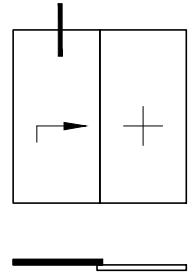


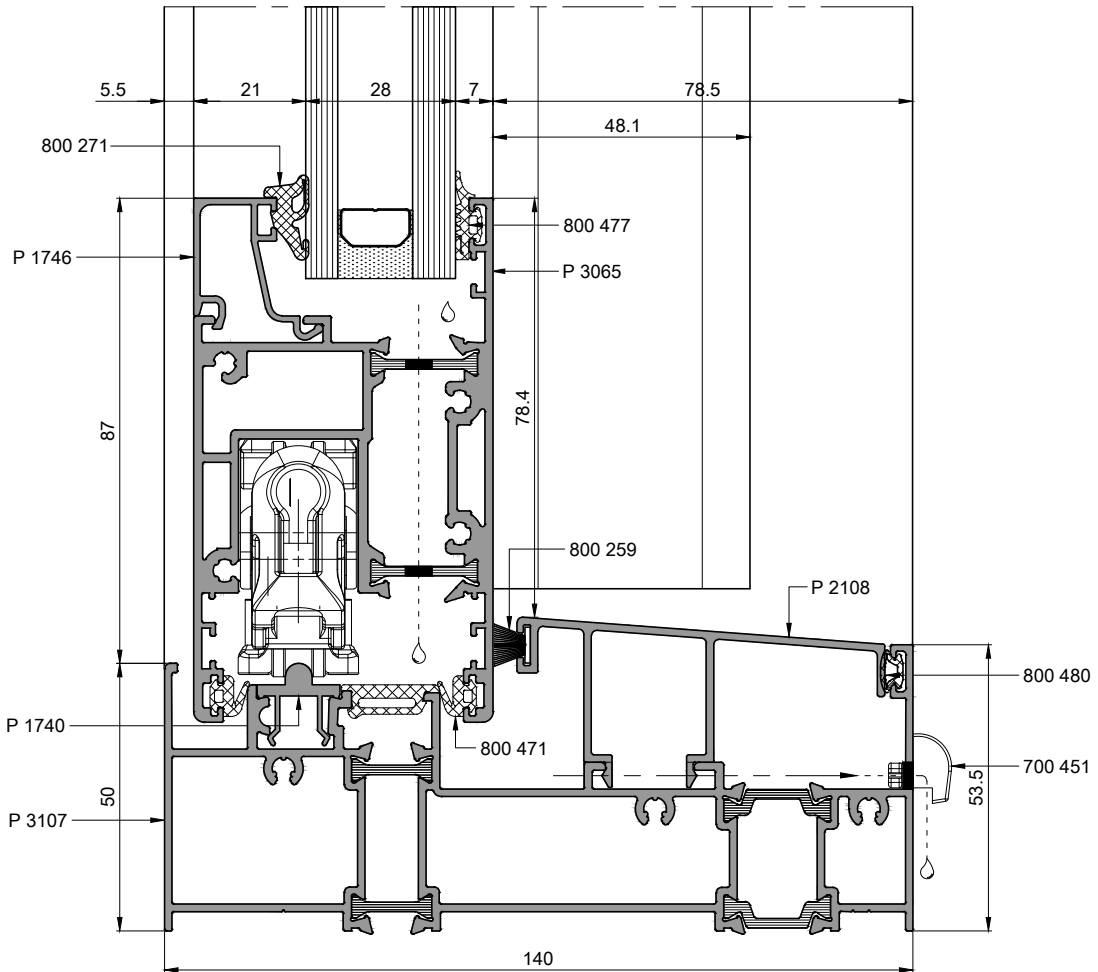
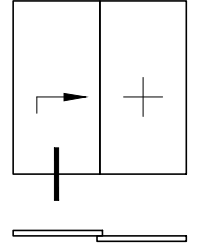


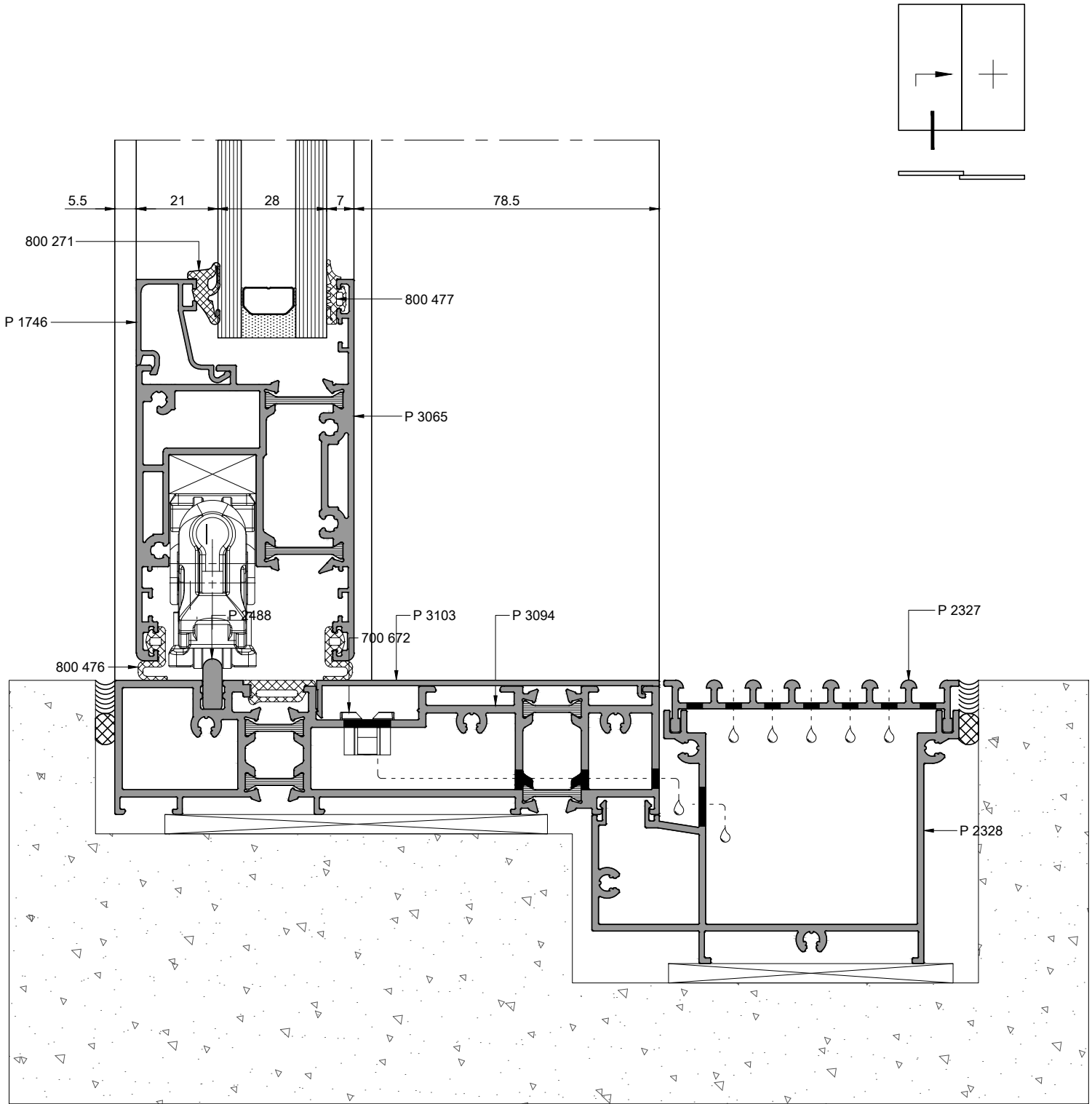


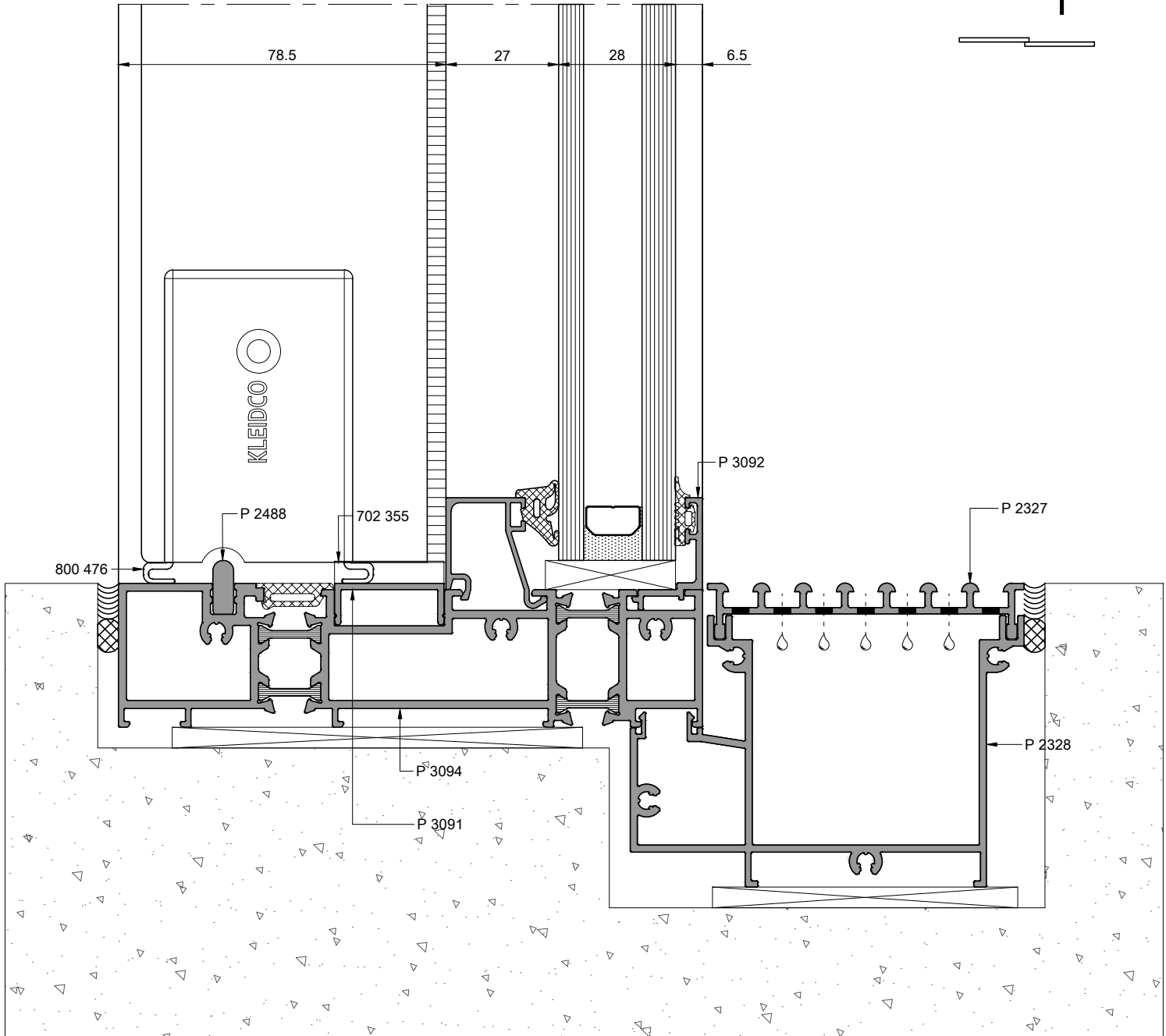
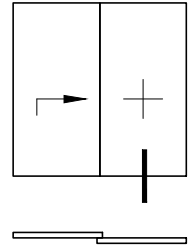


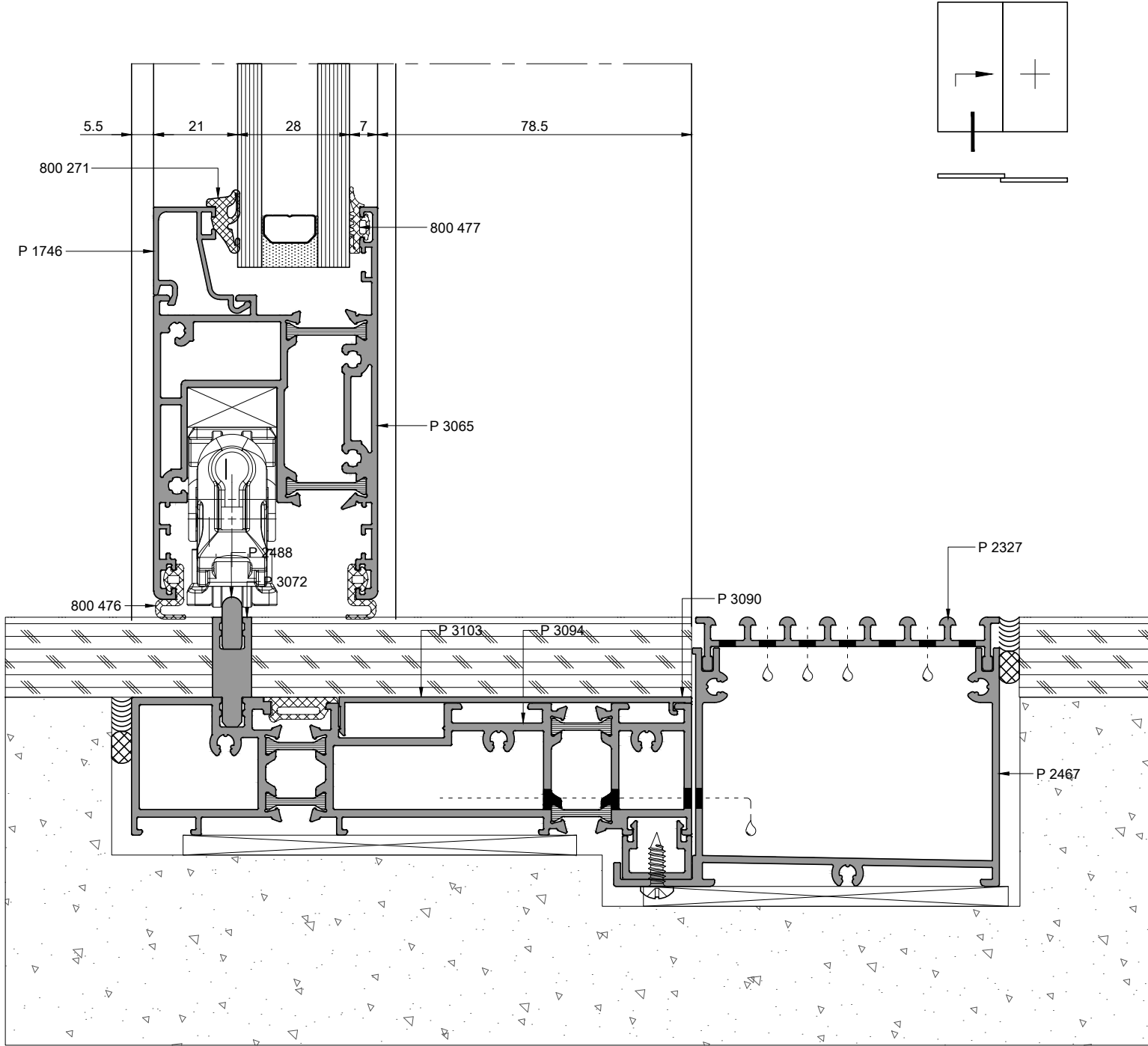


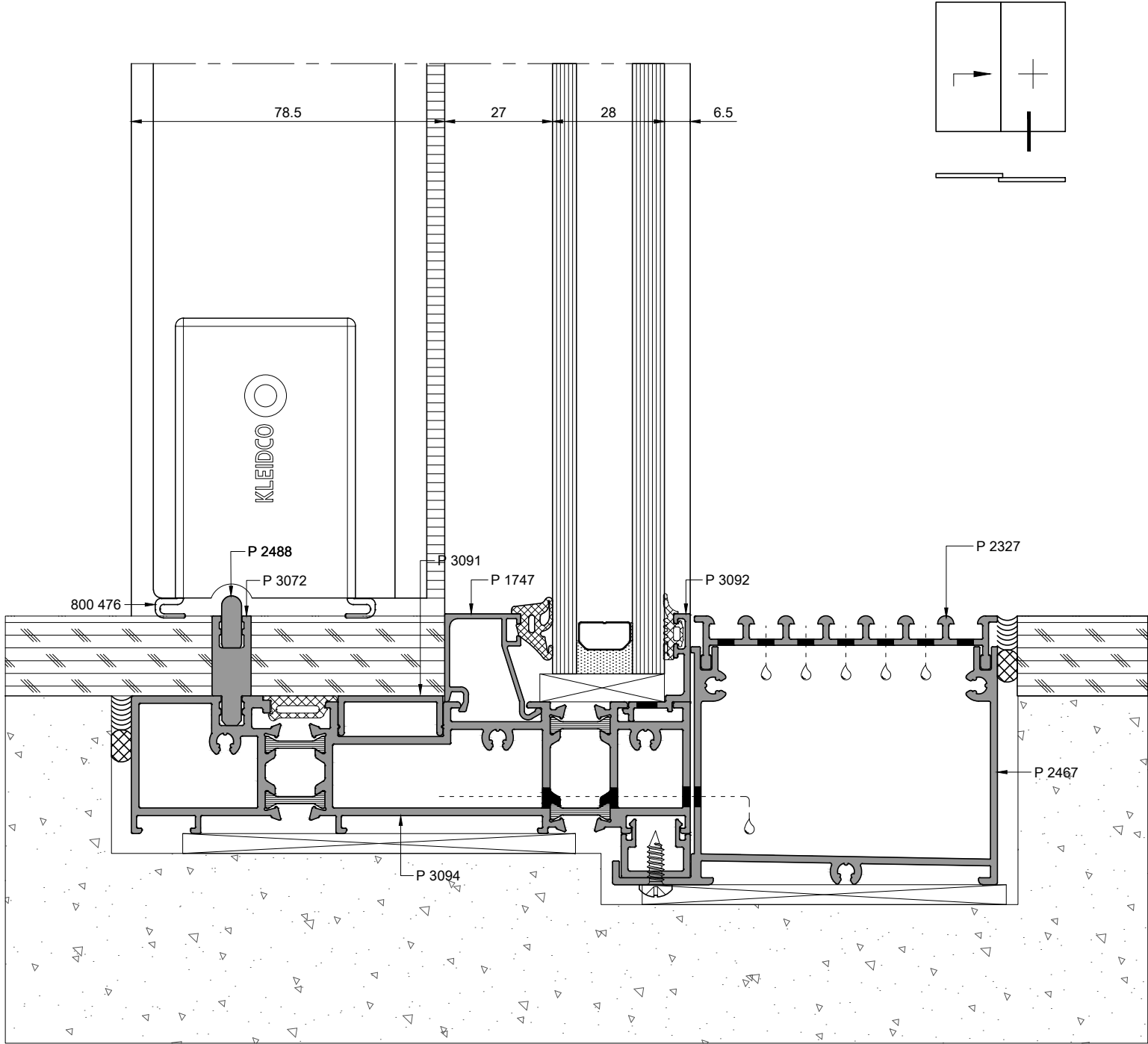






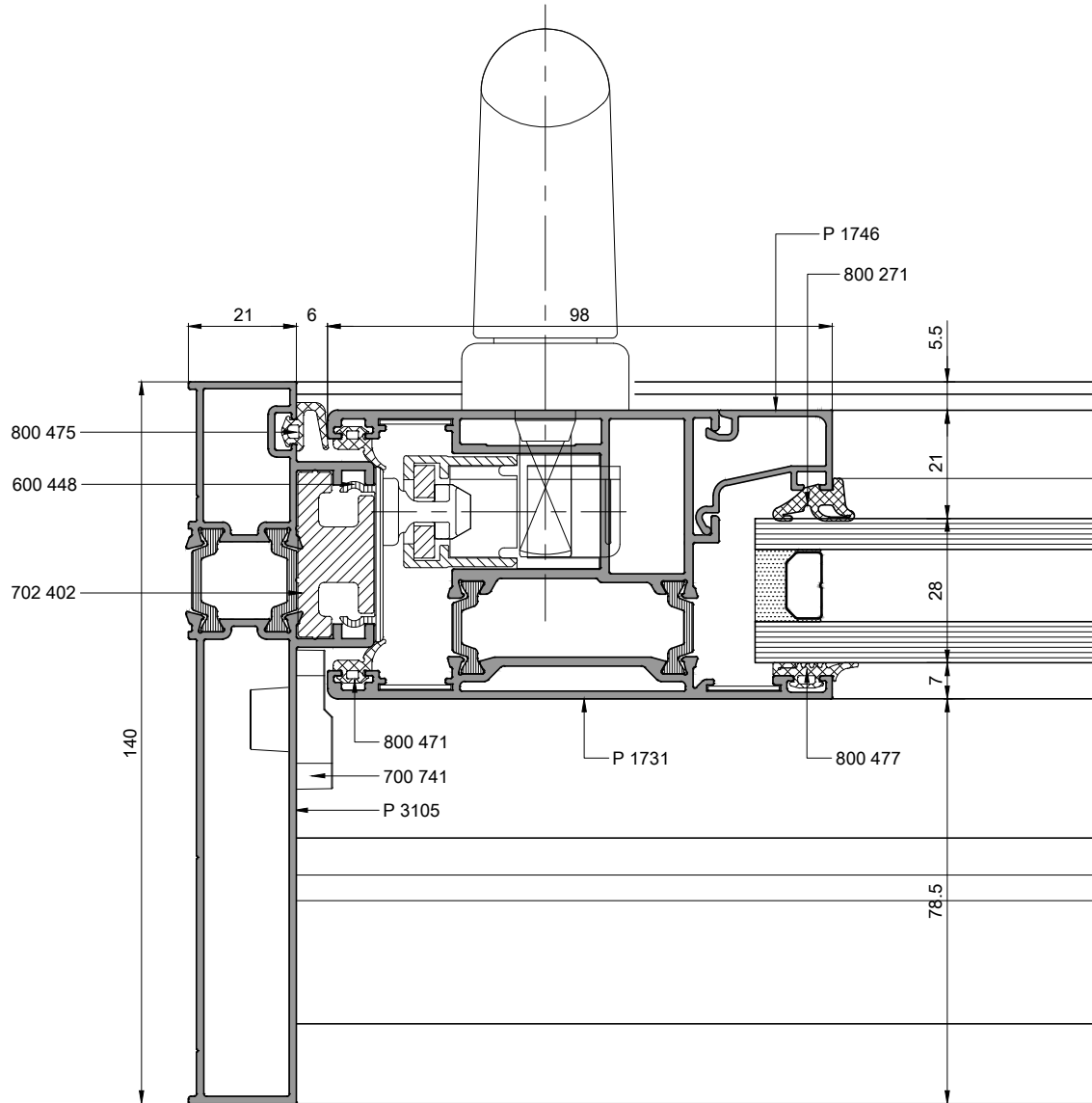
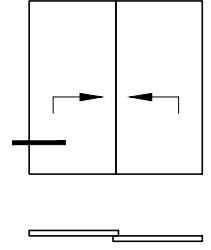


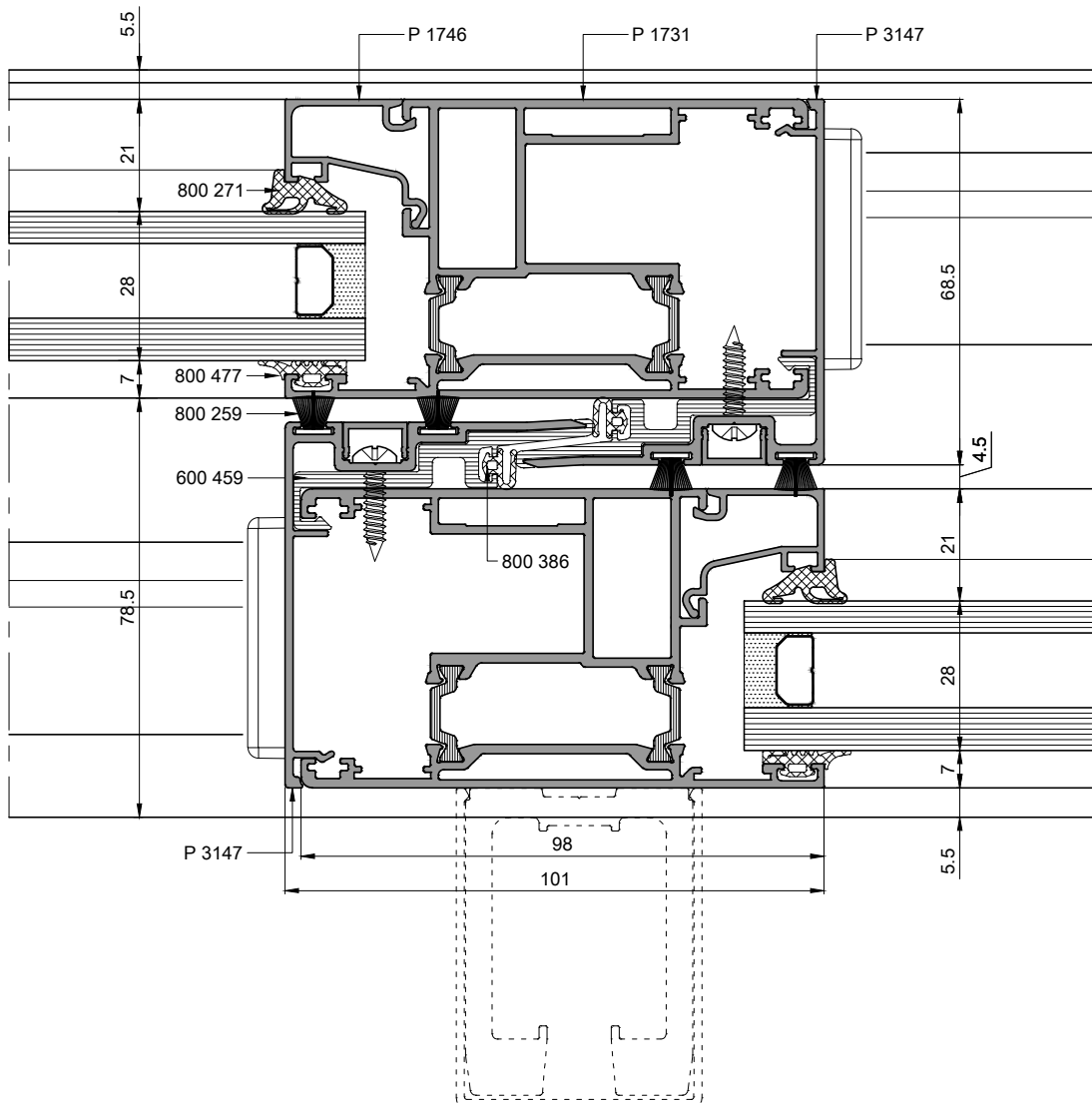
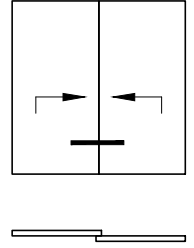


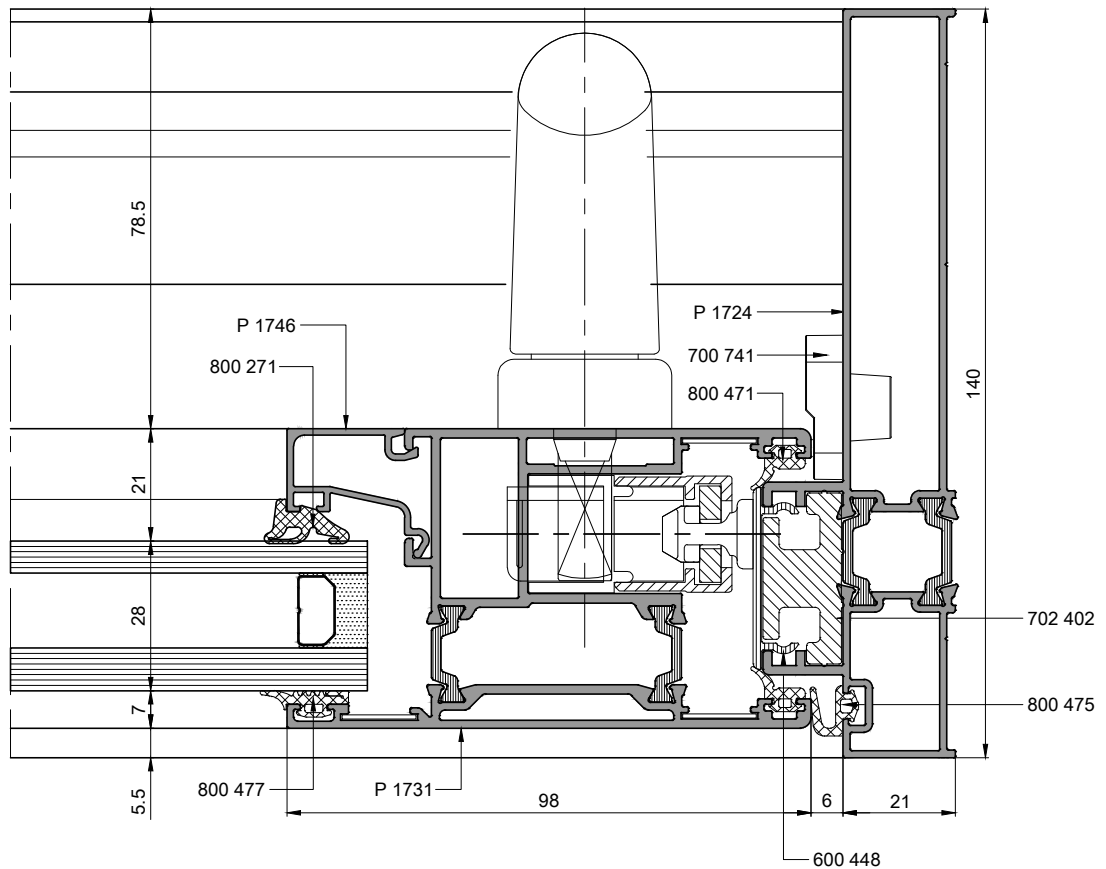


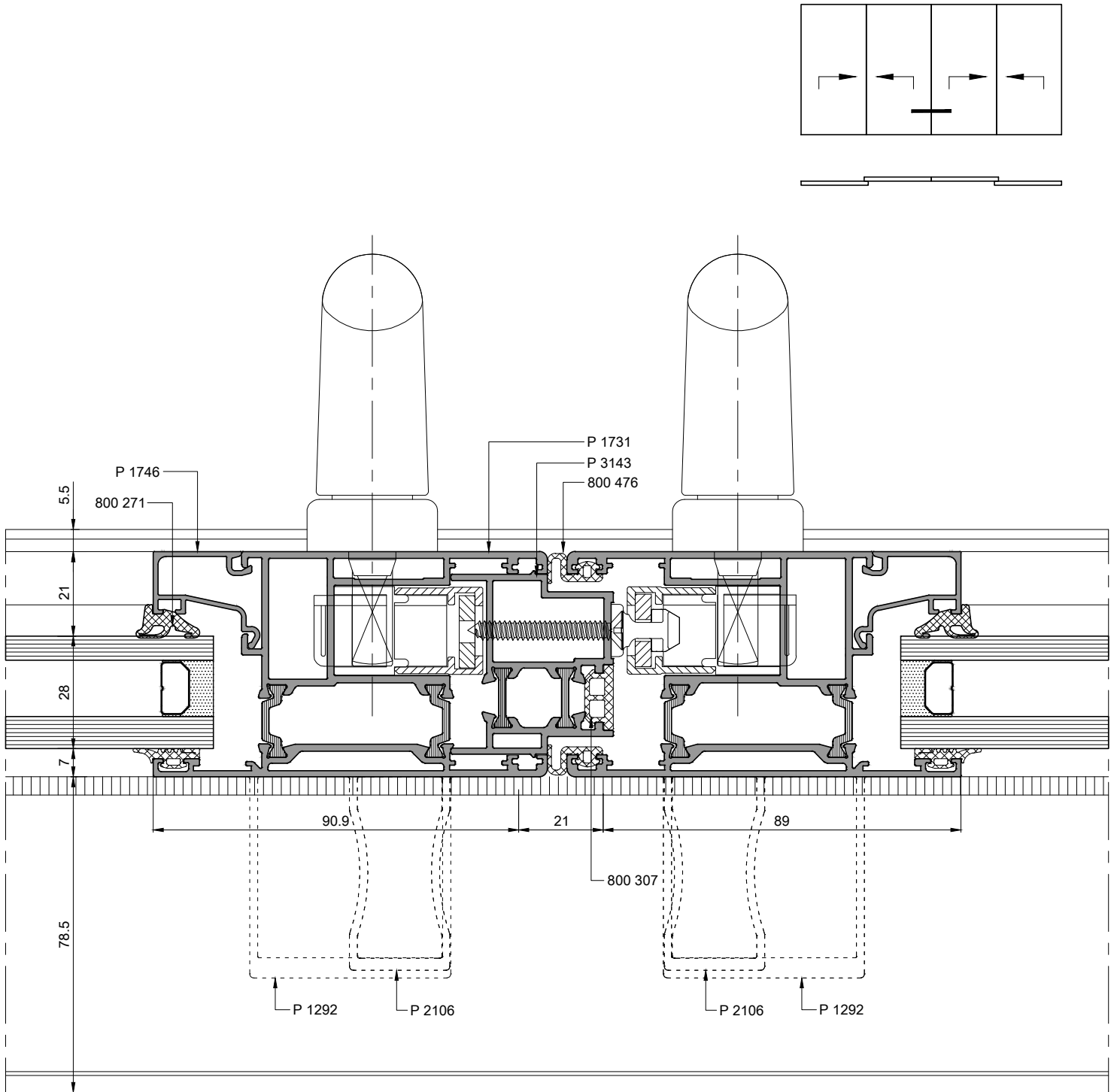
UNIQUE Max
KALDIR ve SÜR KAPI SİSTEMİ
LIFT&SLIDE DOOR SYSTEM

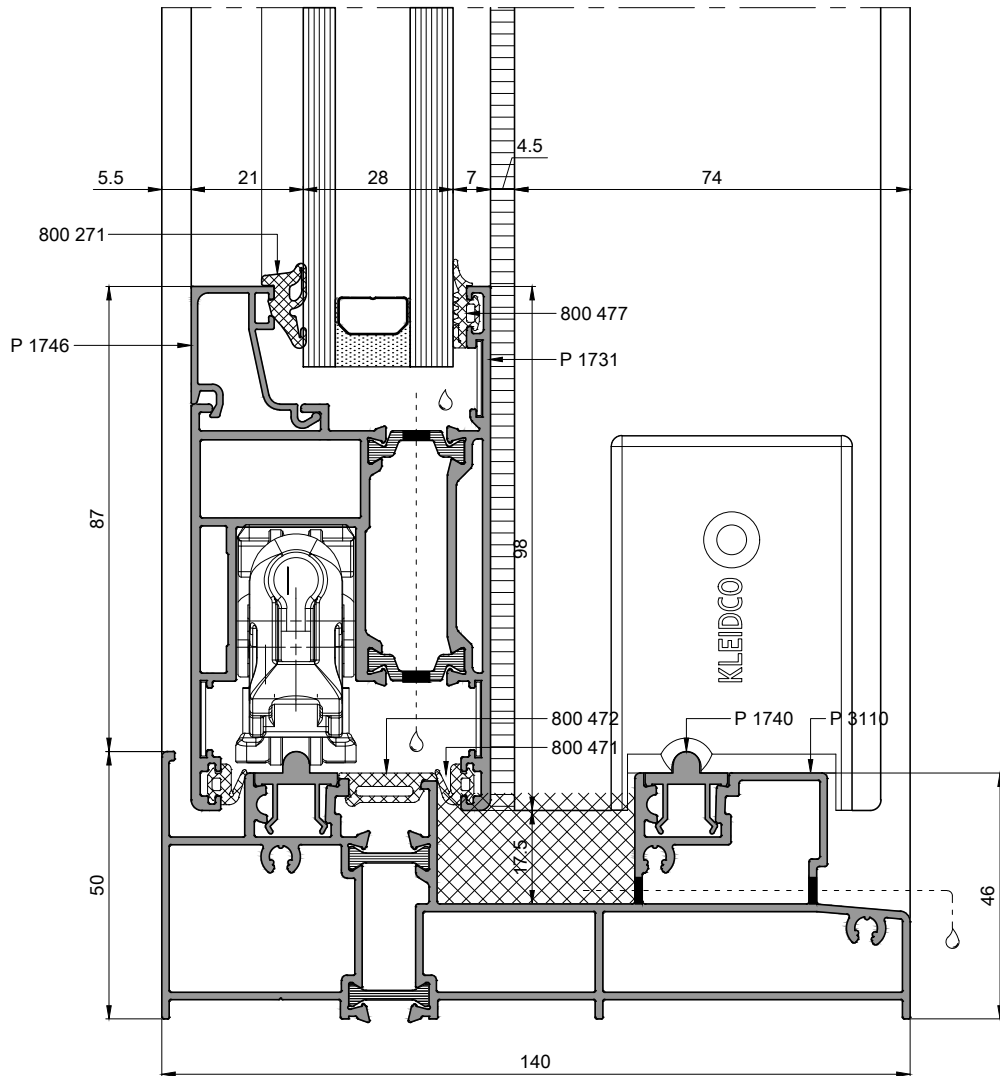
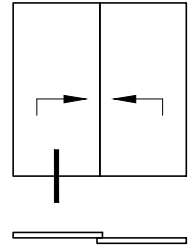
ÇİFT RAYLI KASA İLE
PRENSİP SİSTEM DETAYLARI
PRINCIPAL SECTIONS for
DOUBLE TRACK PROFILE

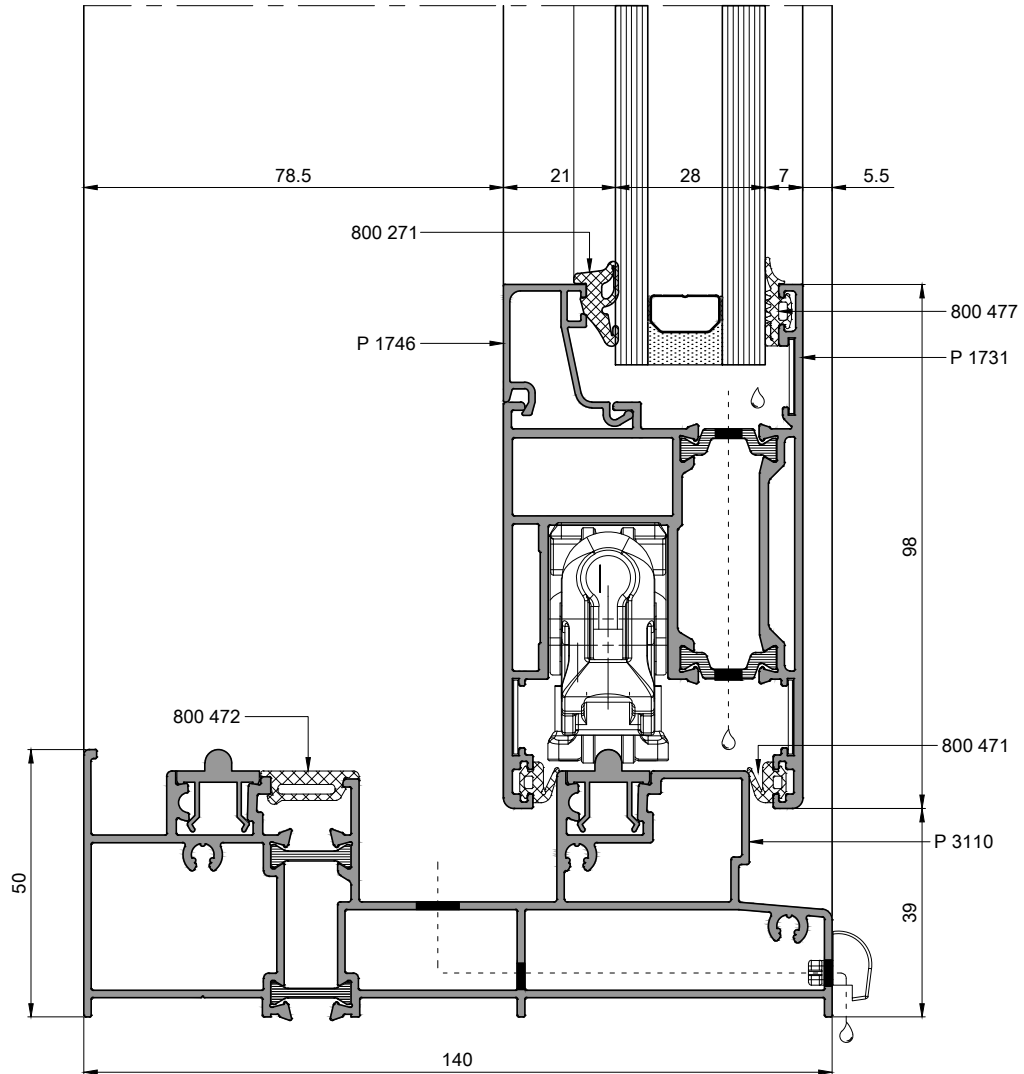
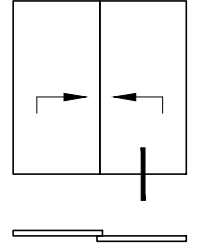


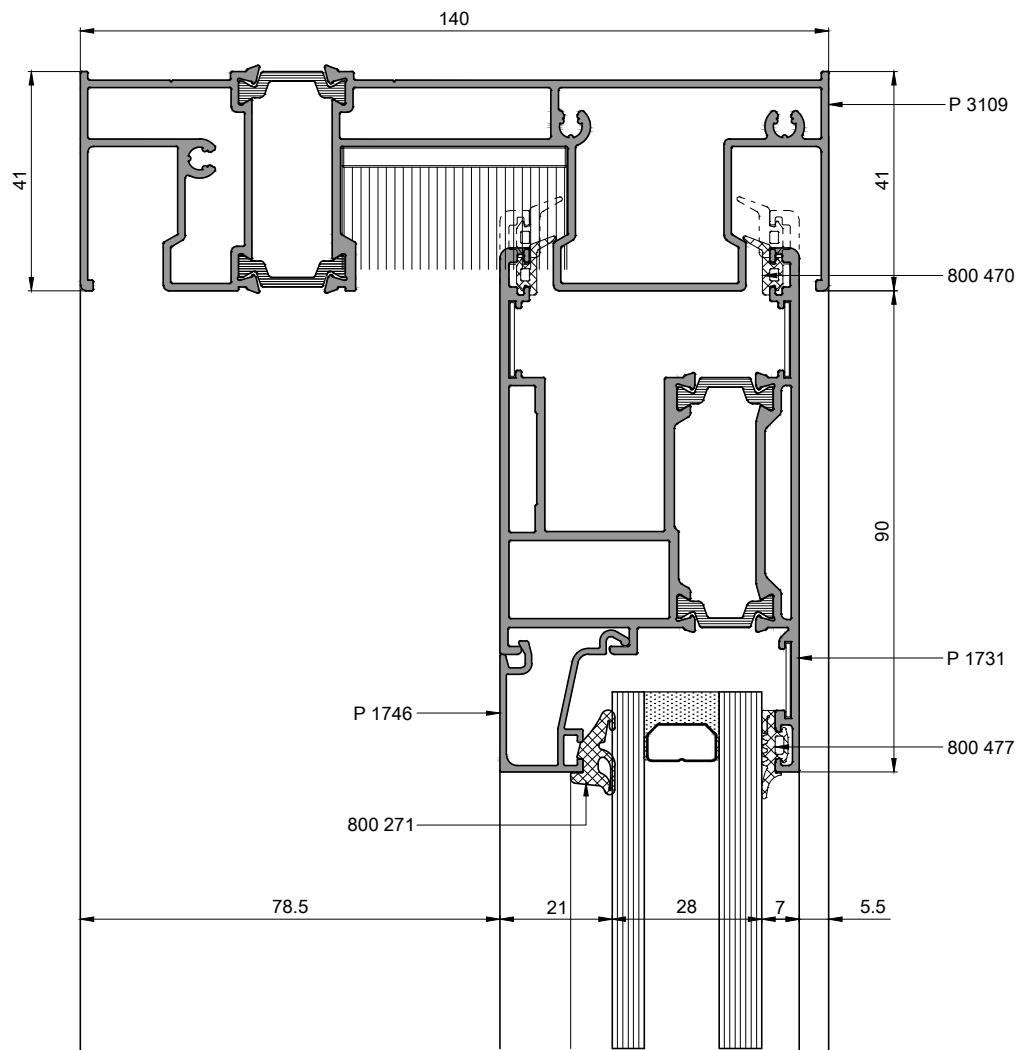
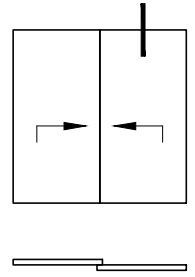




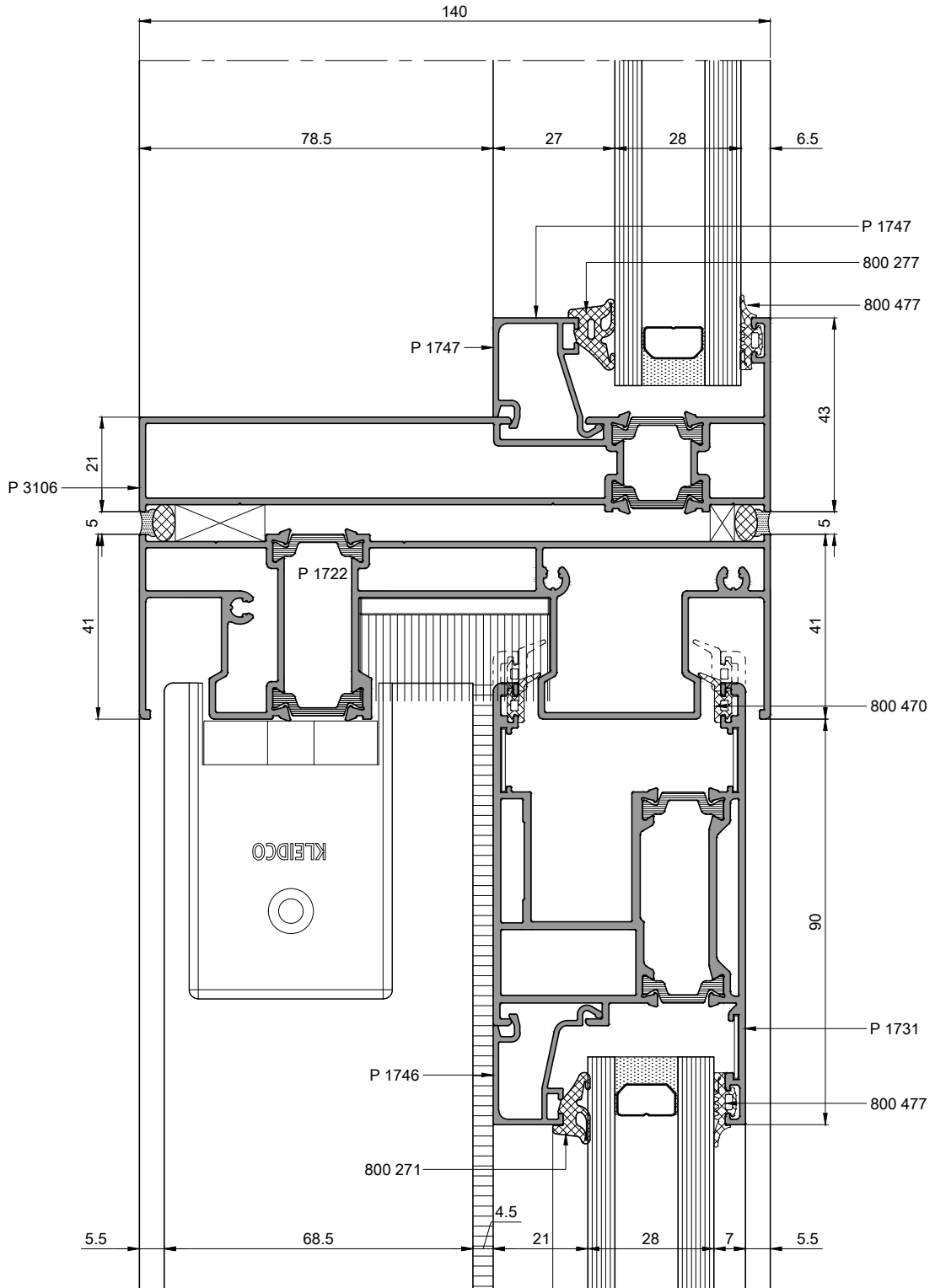
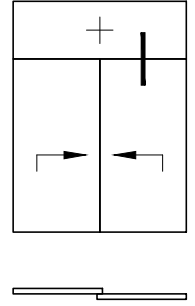


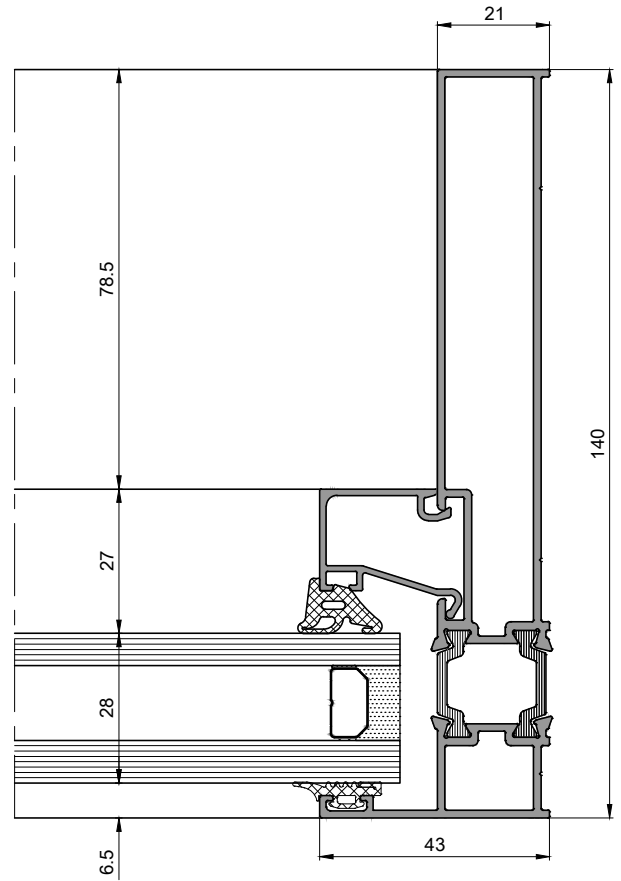
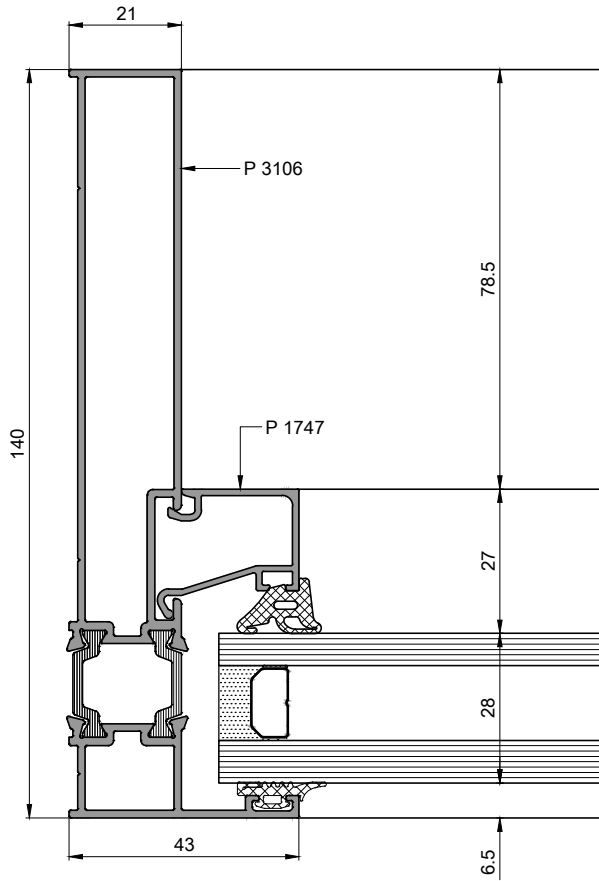
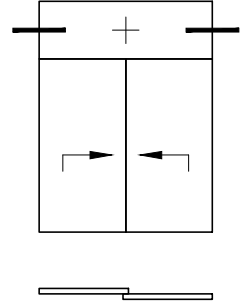


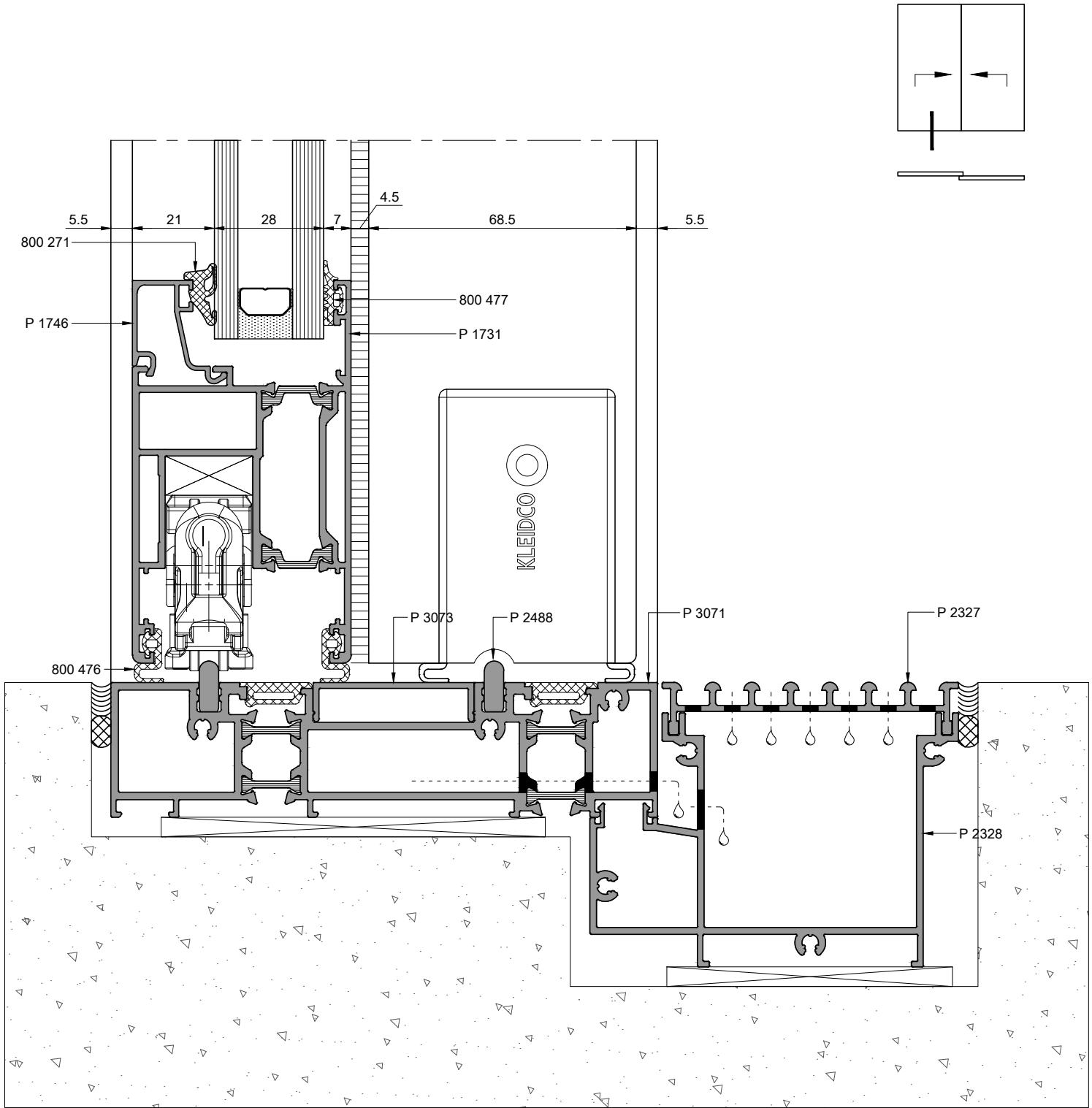


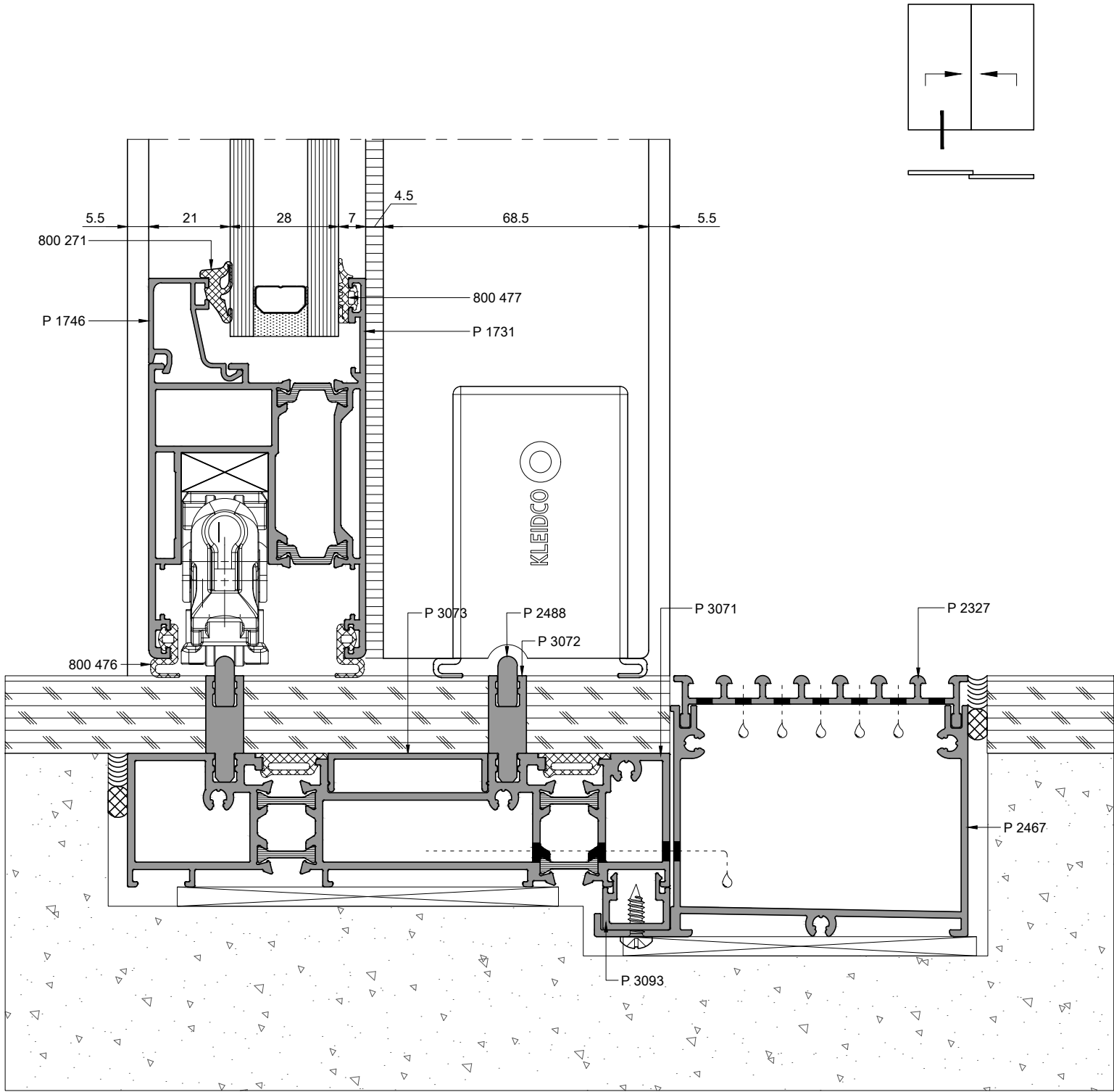


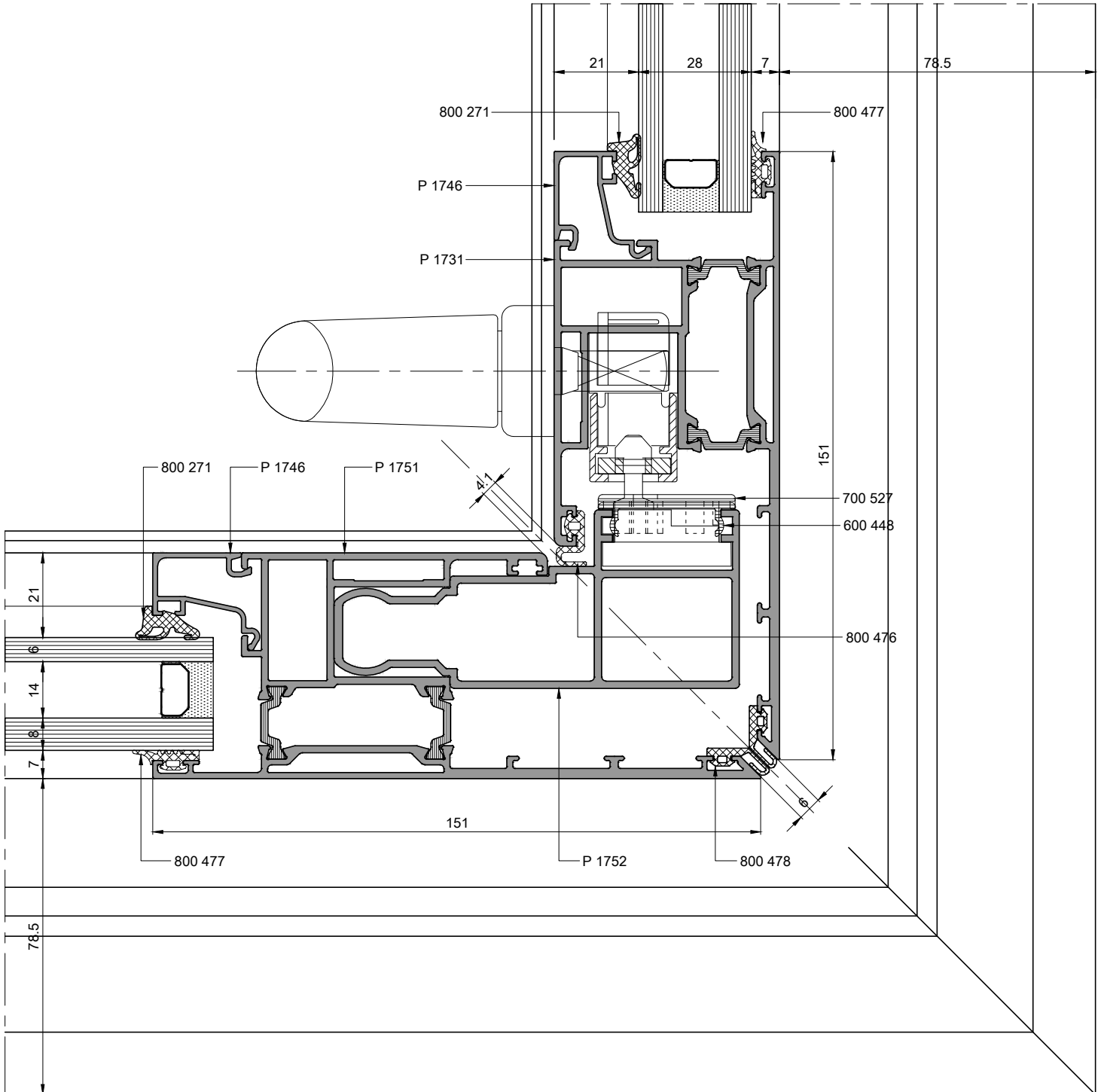
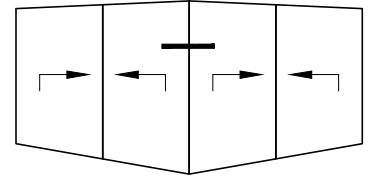






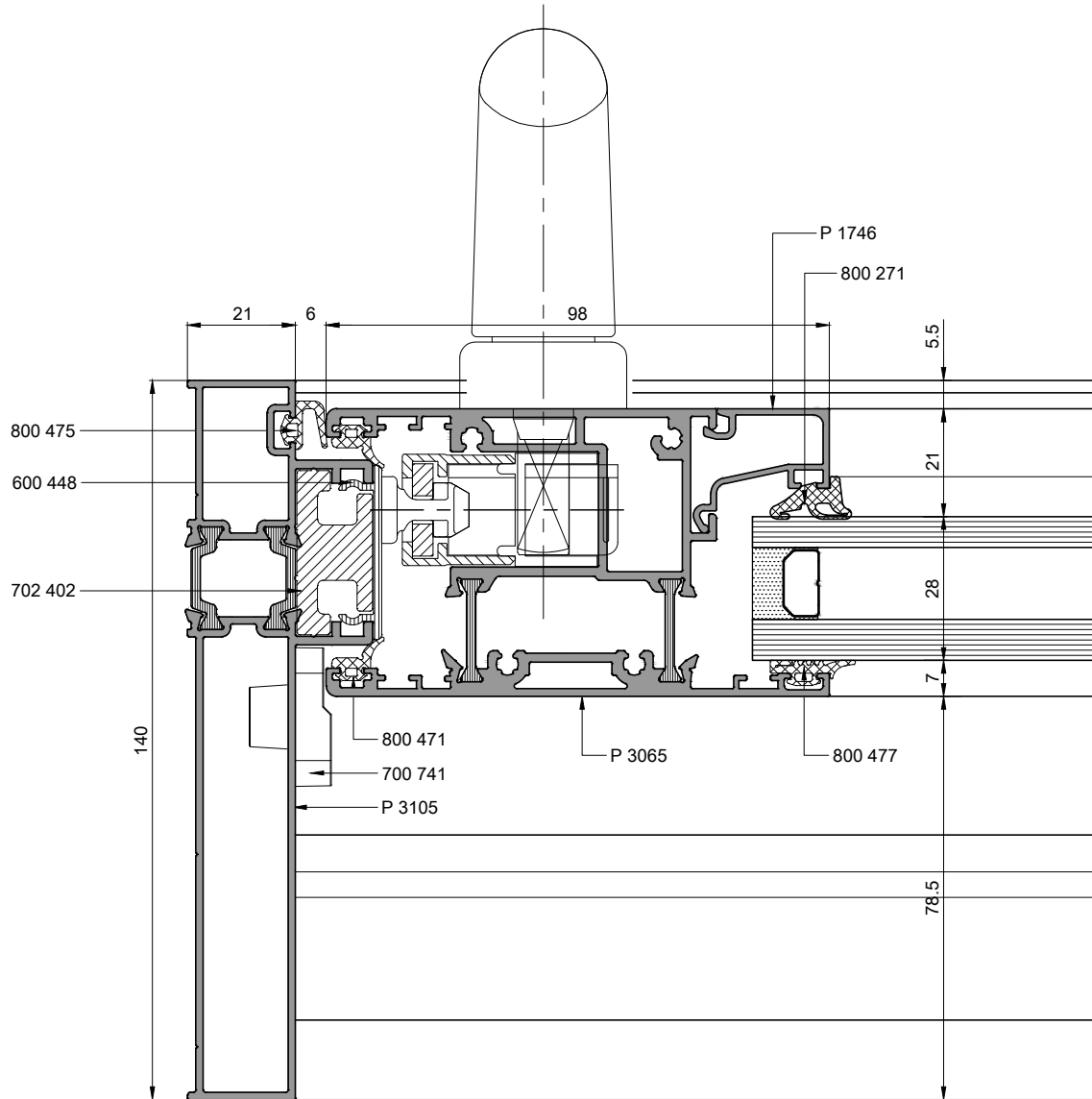
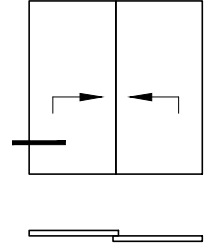


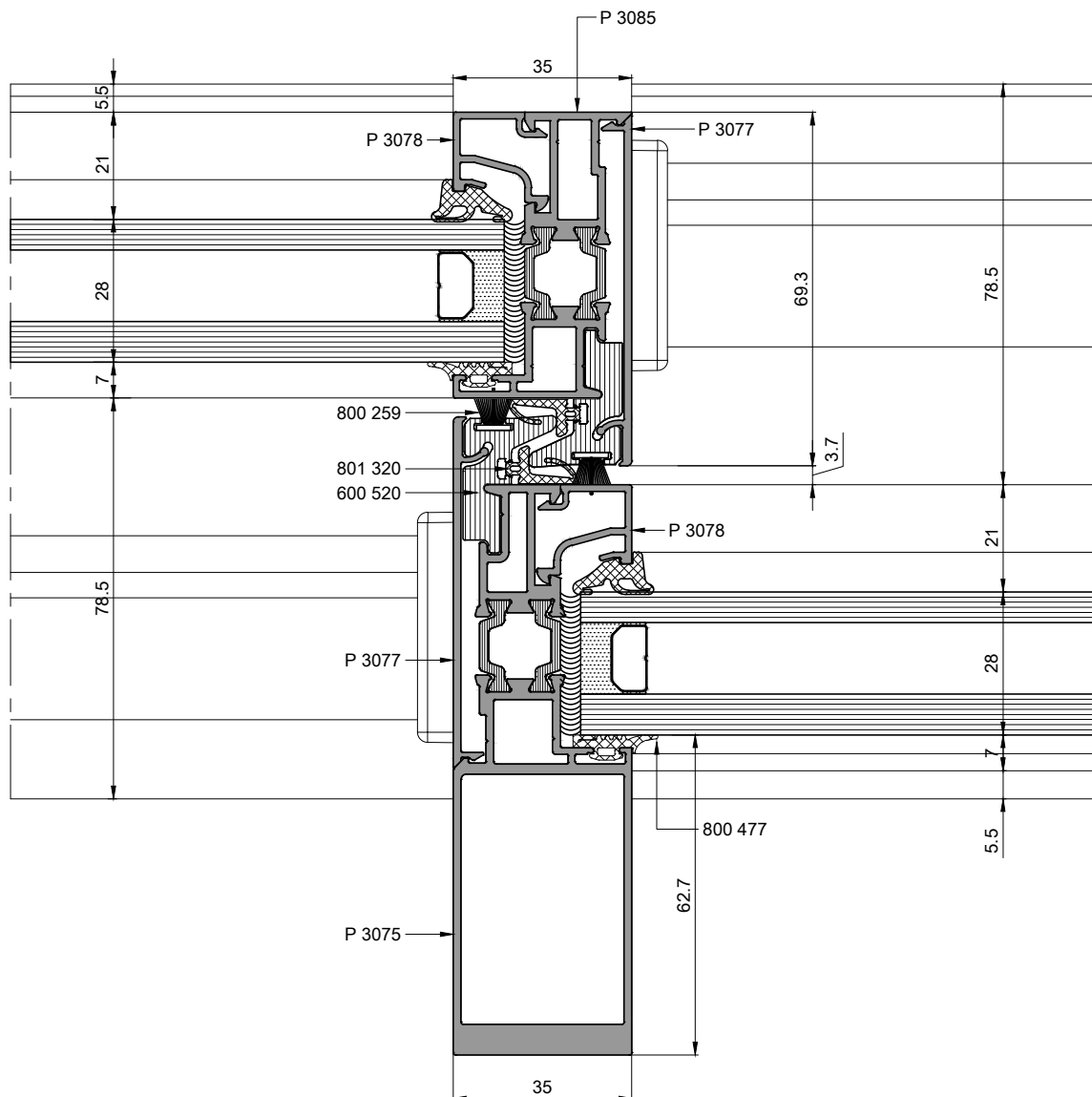


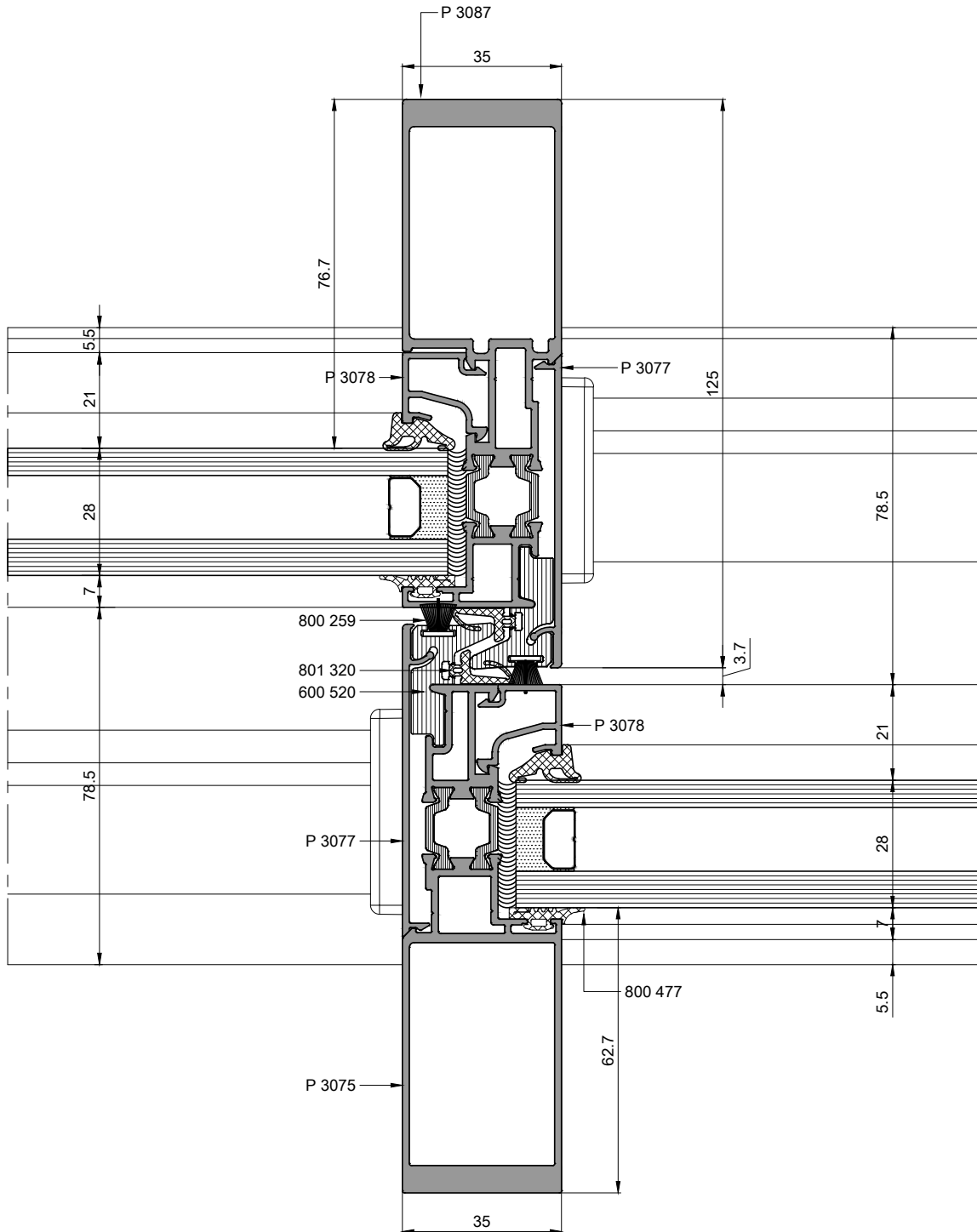
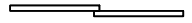


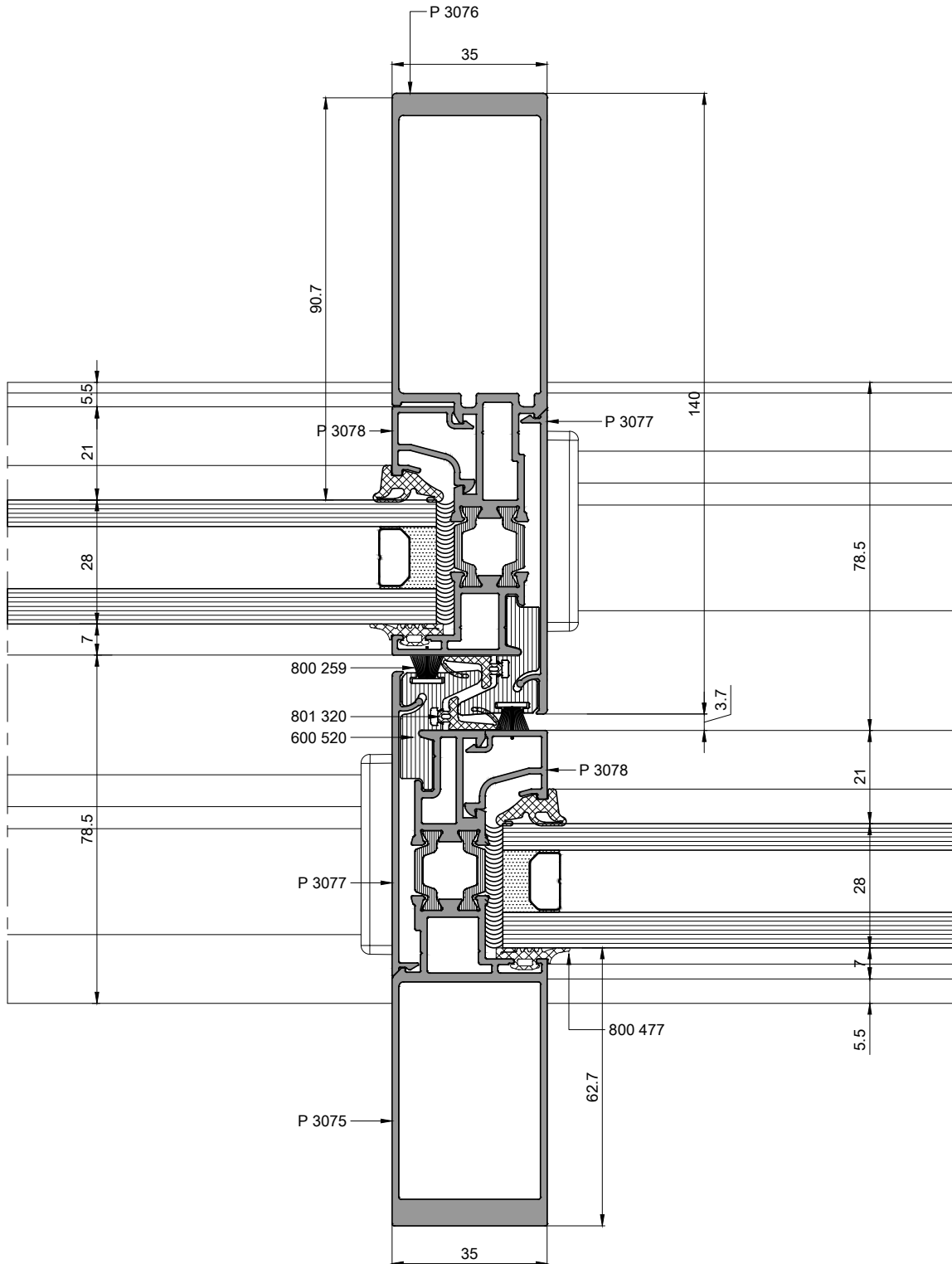
UNIQUE Max
KALDIR SÜR KAPI ve PENCERE SİSTEMİ
LIFT&SLIDE DOOR and WINDOW SYSTEM

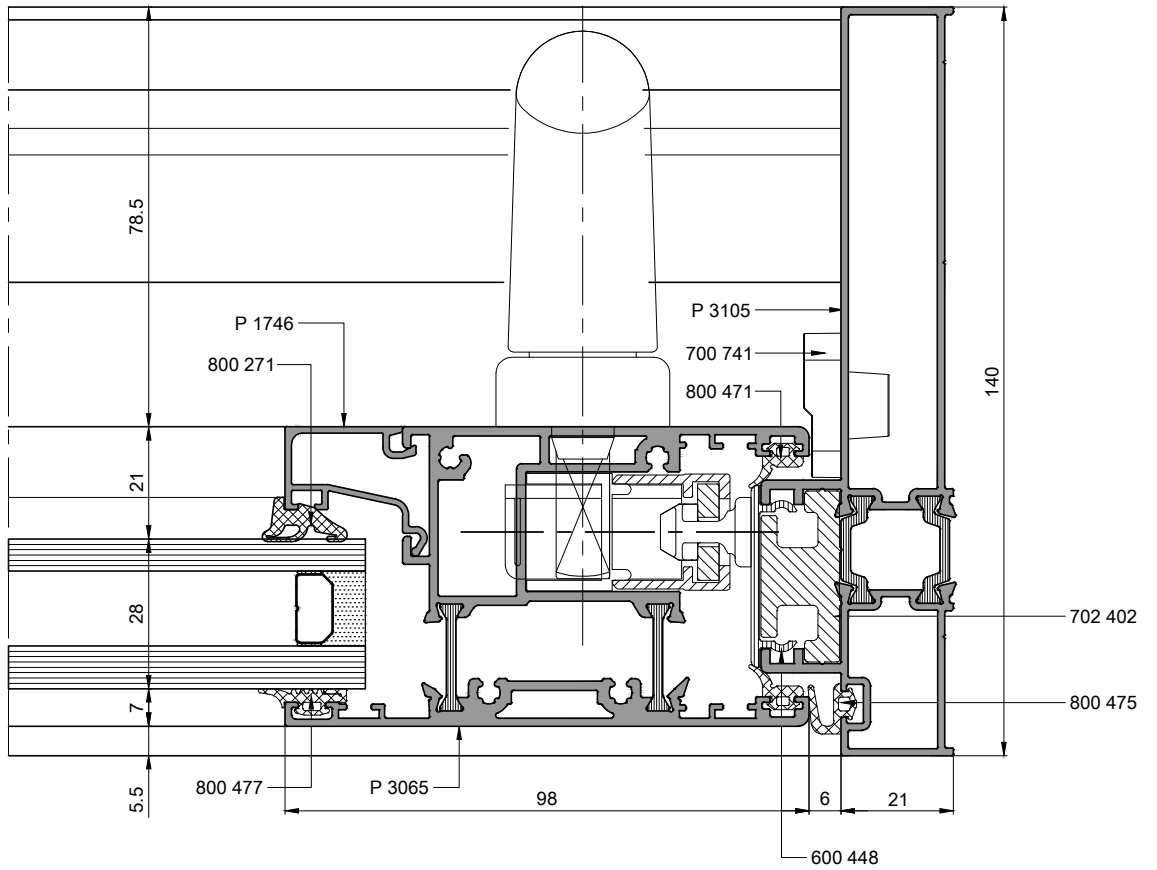
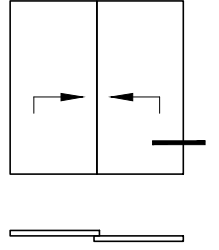
ÇİFT RAYLI KASA İLE İNCE KANAT
PRENSİP SİSTEM DETAYLARI
PRINCIPAL SECTIONS for SLIM SASH
DOUBLE TRACK PROFILE

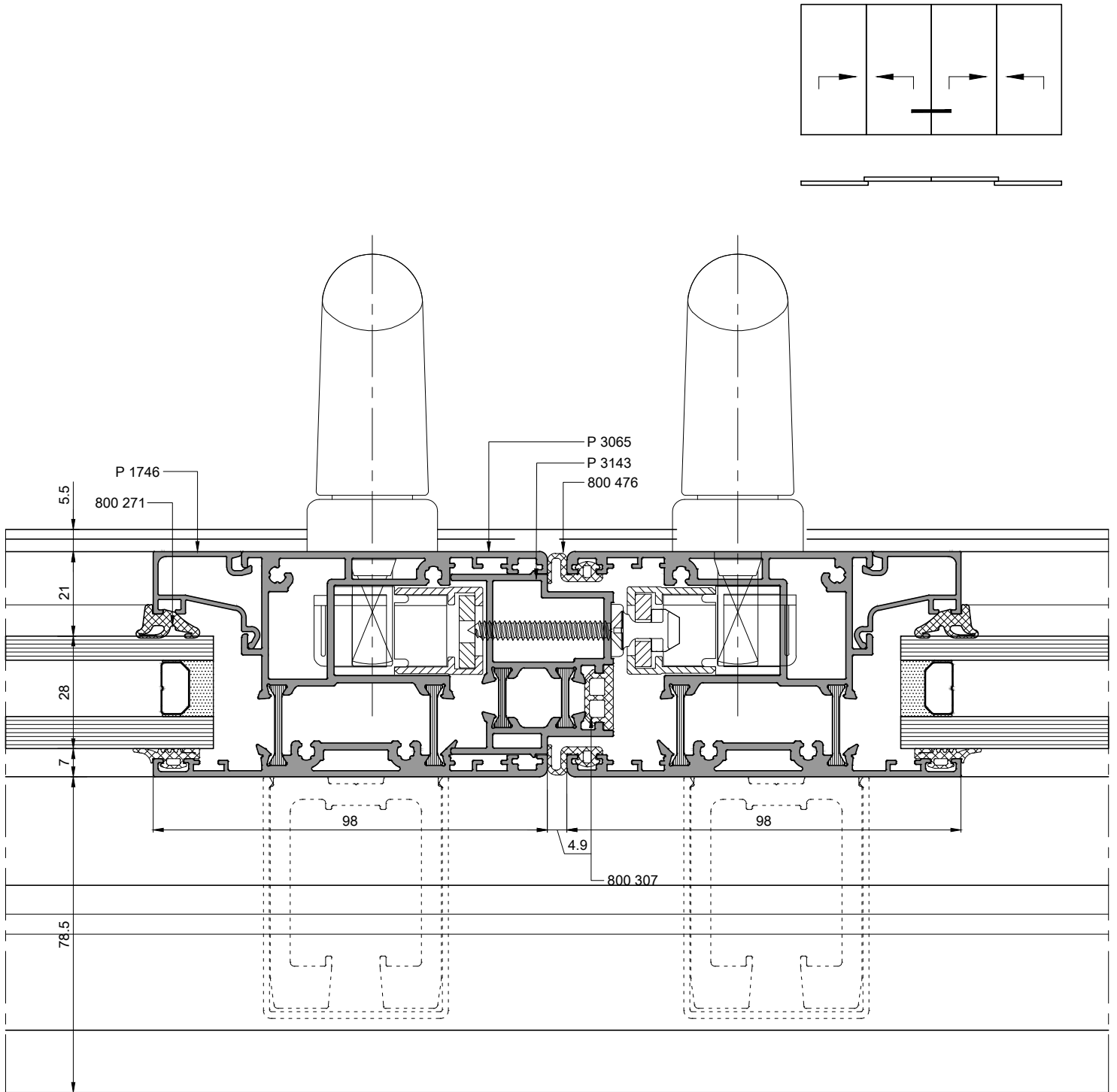


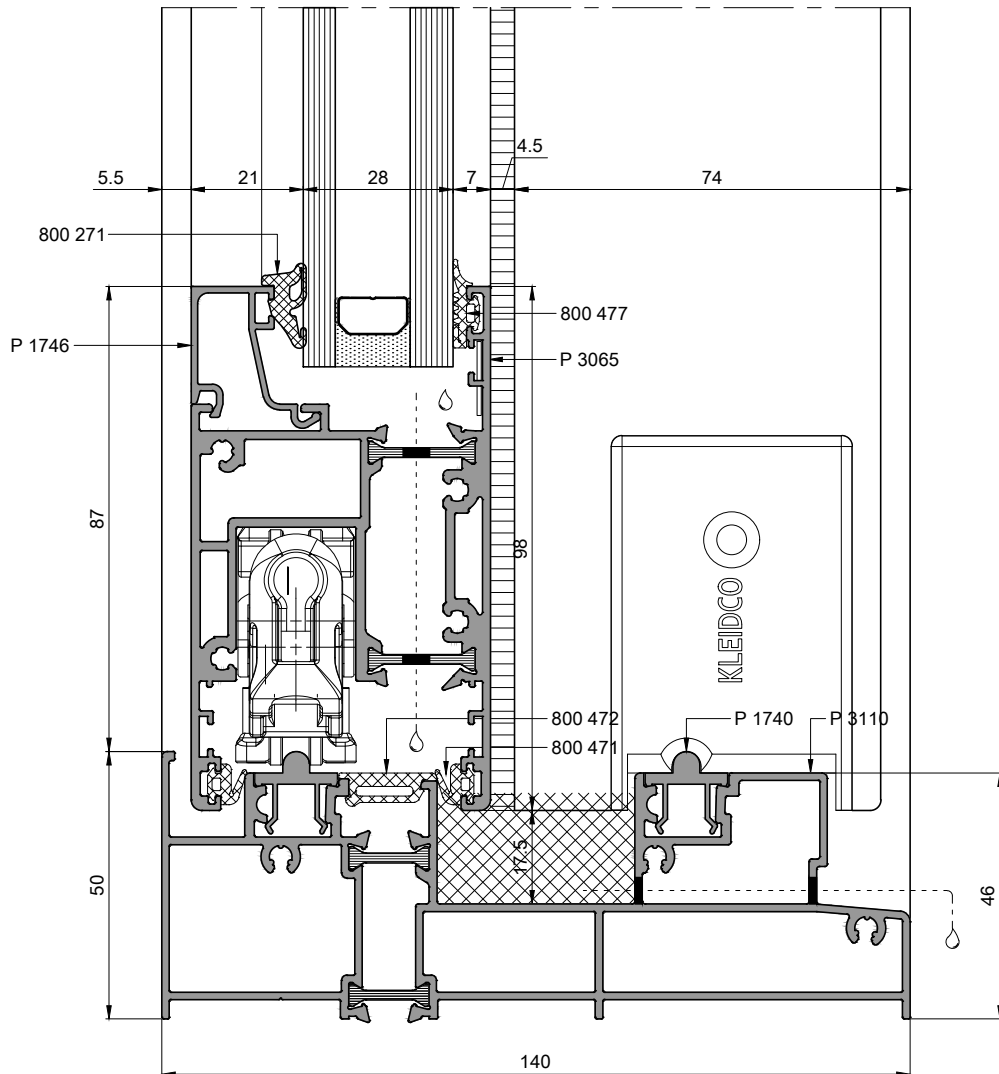
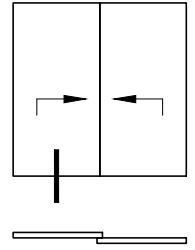


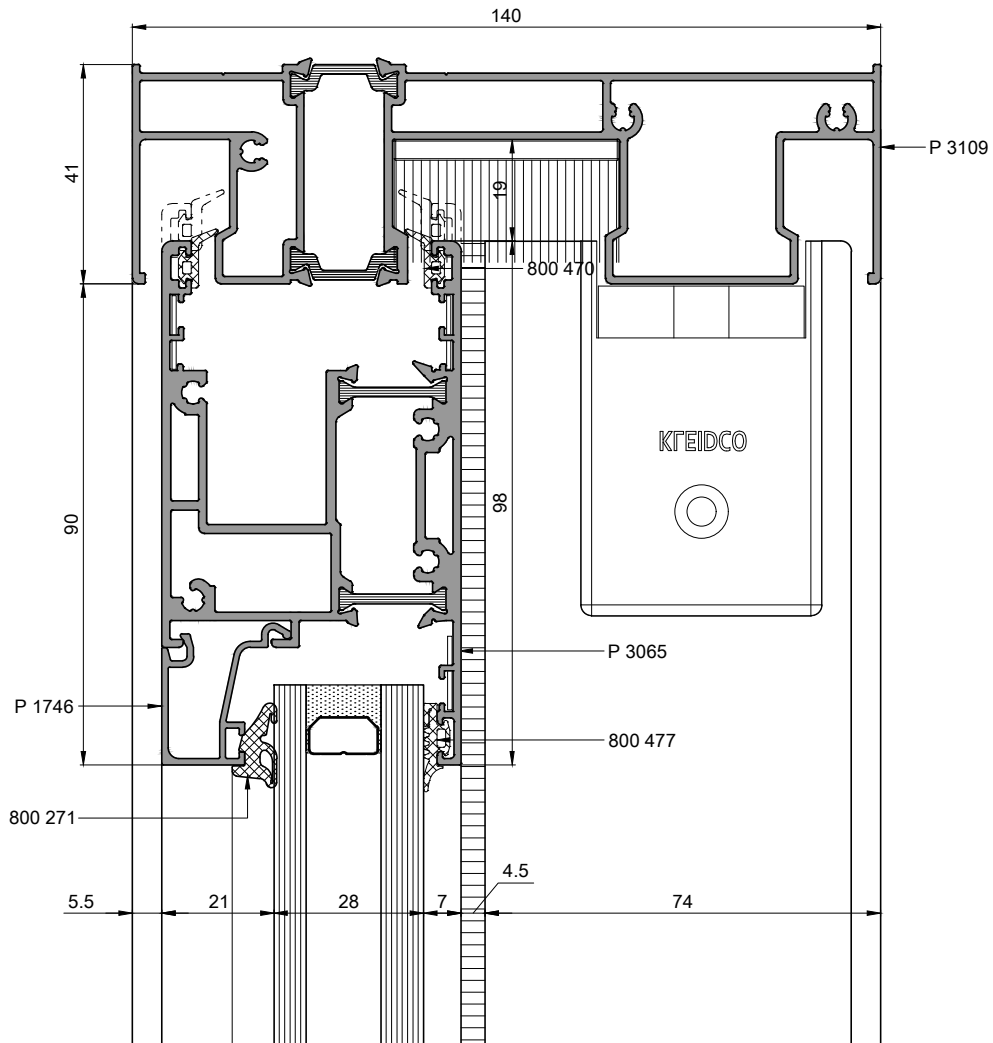
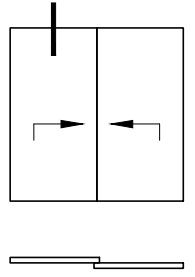


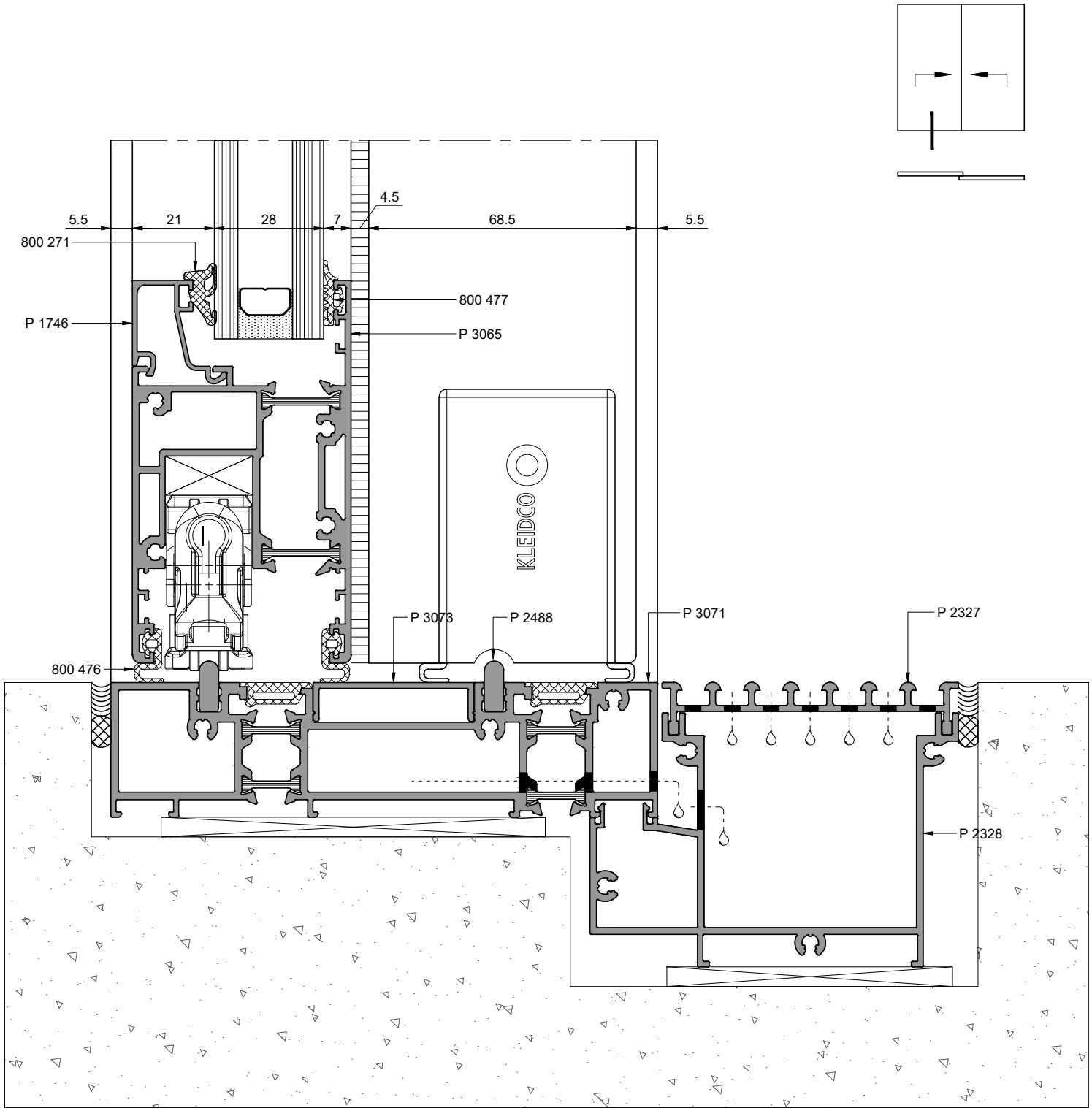


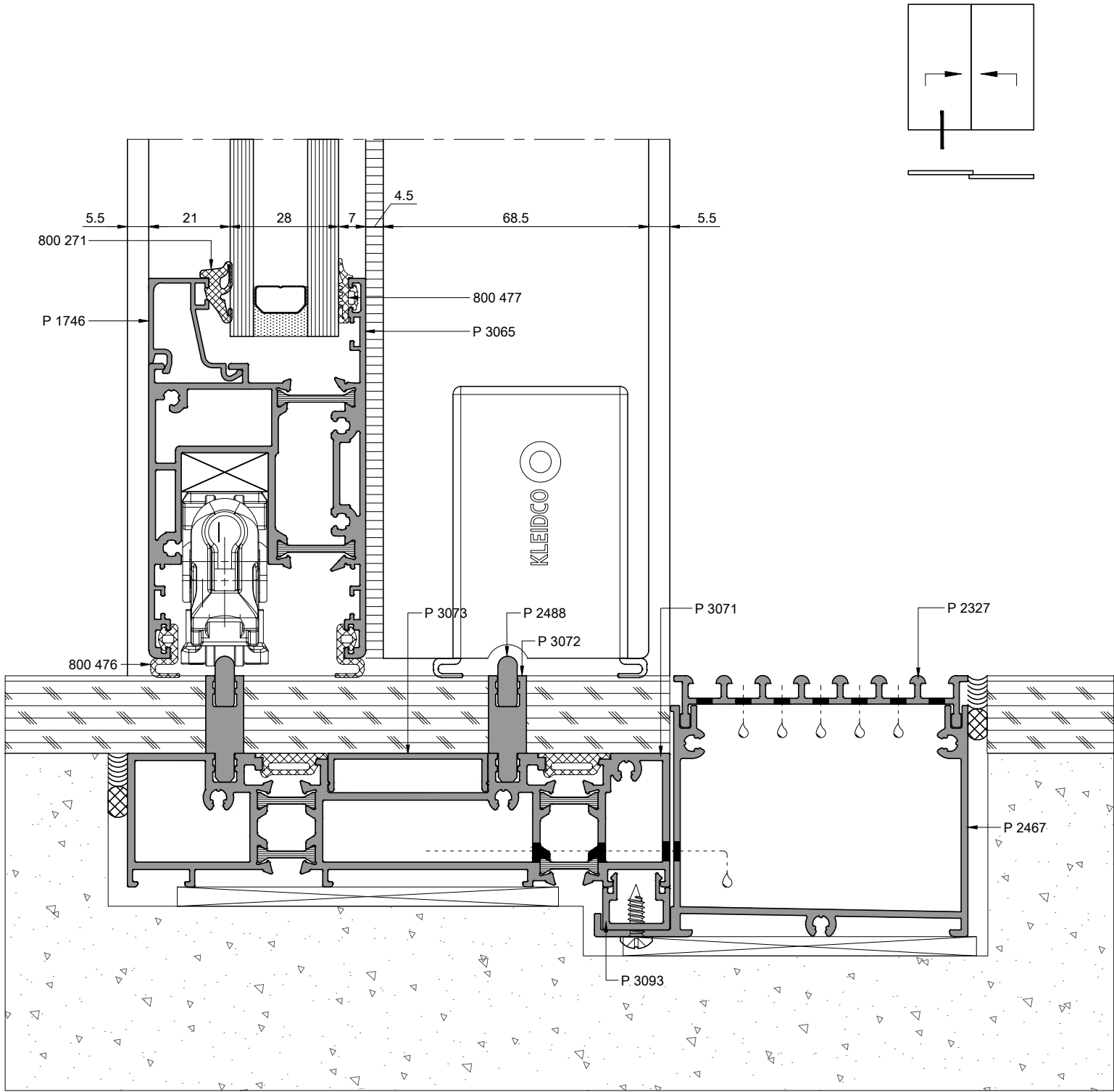






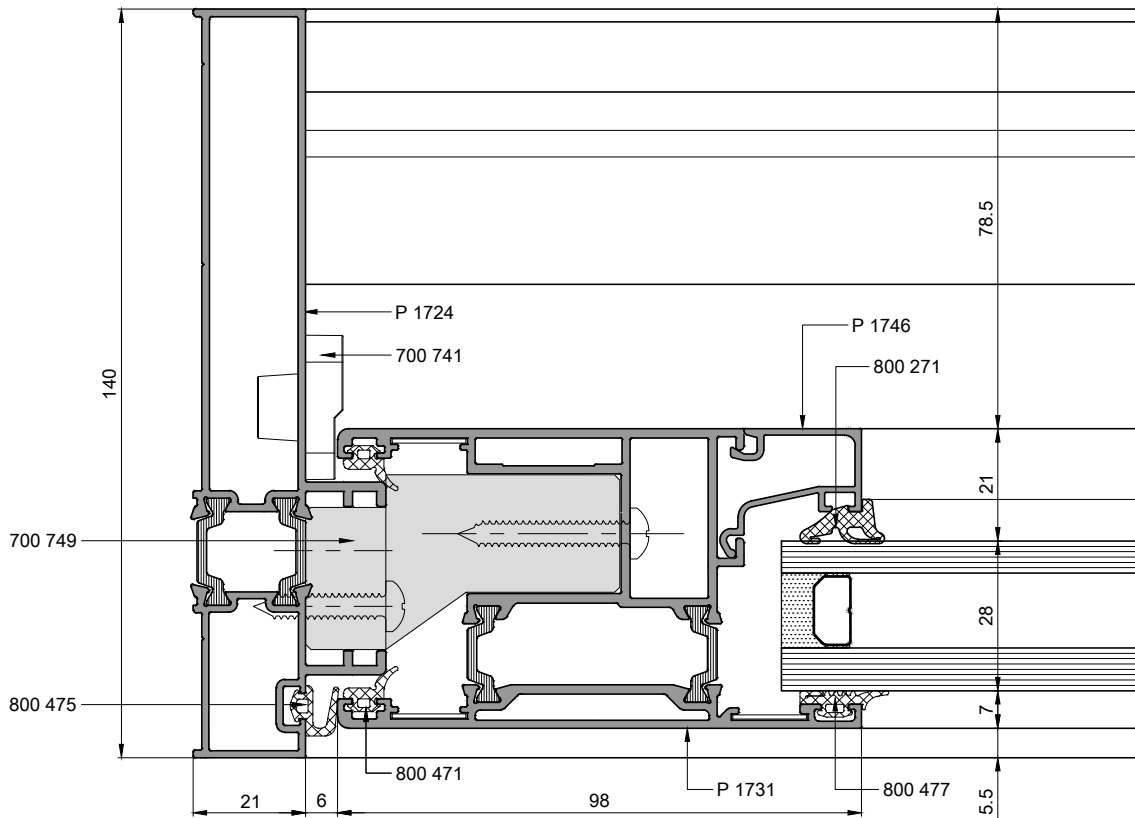
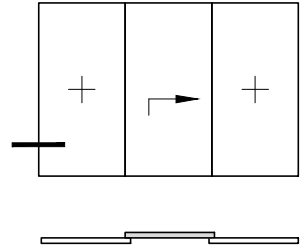


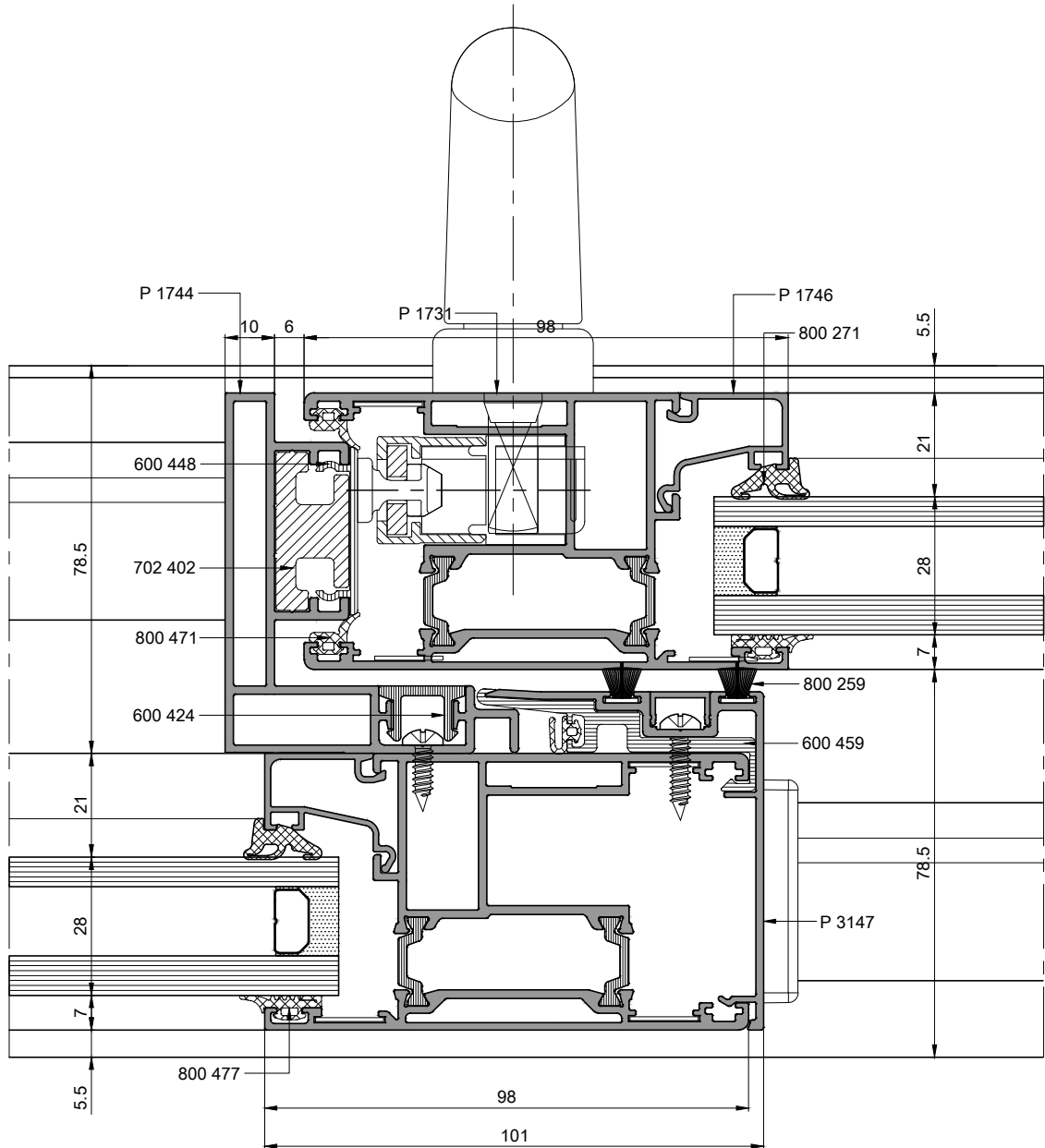
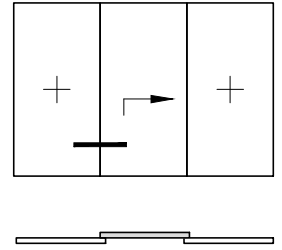


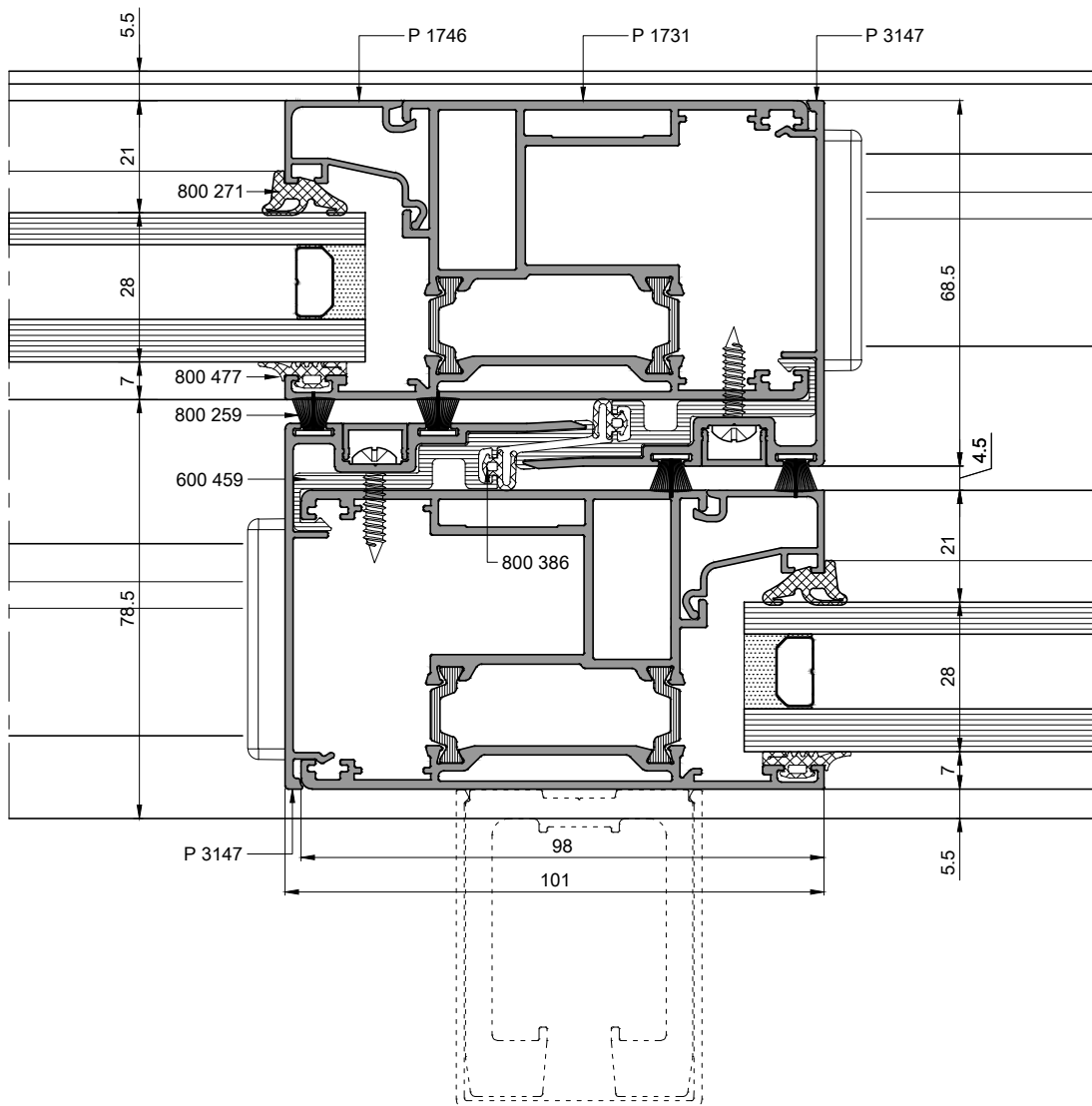
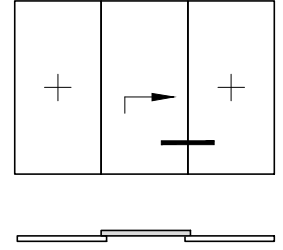


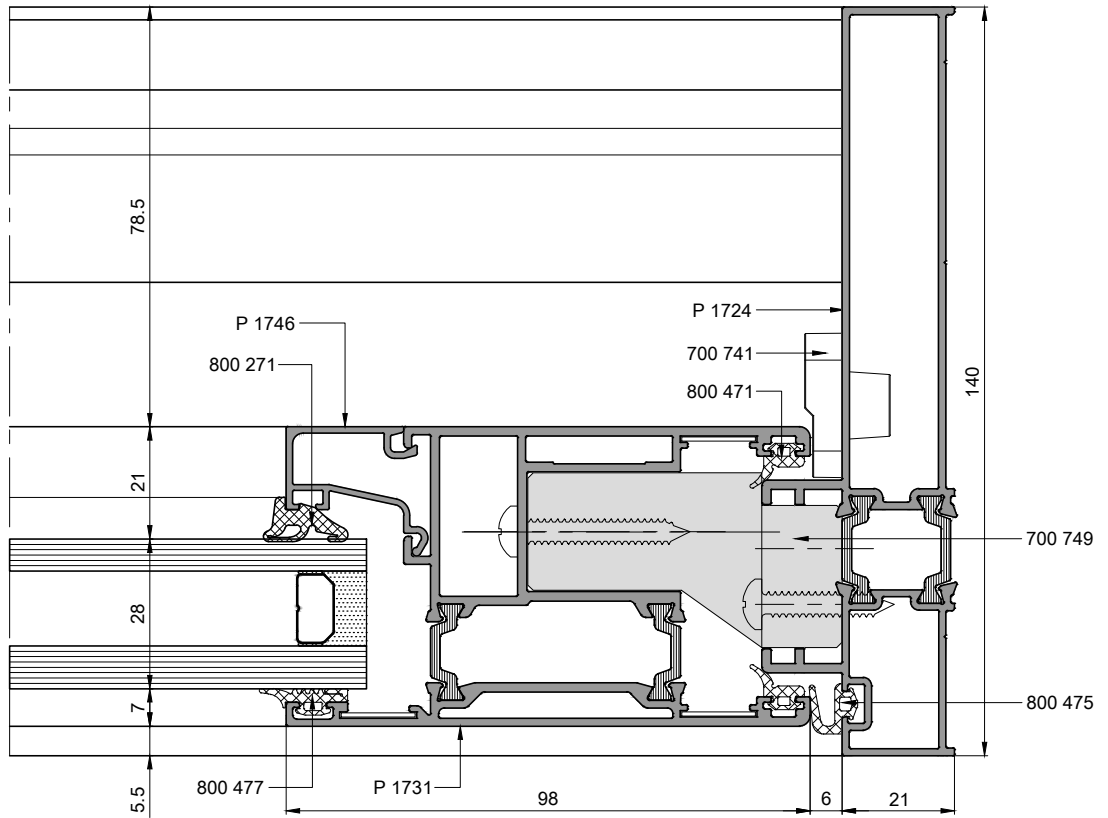
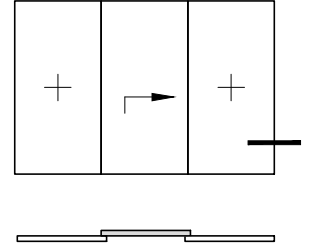
UNIQUE Max
KALDIR SÜR KAPI ve PENCERE SİSTEMİ
LIFT&SLIDE DOOR and WINDOW SYSTEM

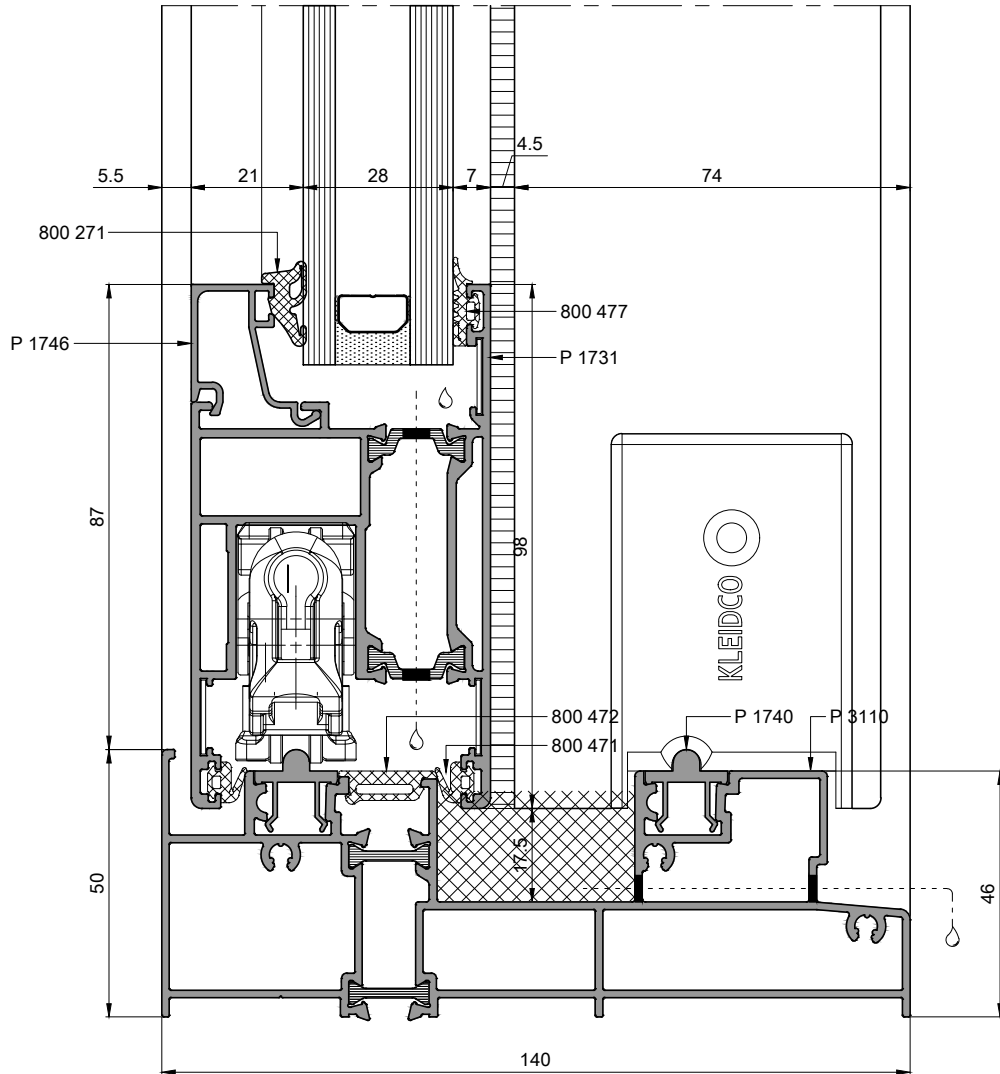
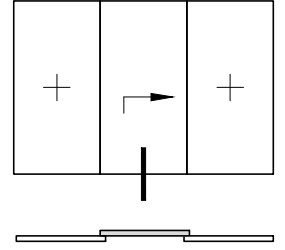
ÇİFT RAYLI KASA İLE
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SİSTEM DETAYLARI
PRINCIPAL SECTIONS for
MIDDLE MOVING SASH on DOUBLE TRACK PROFILE

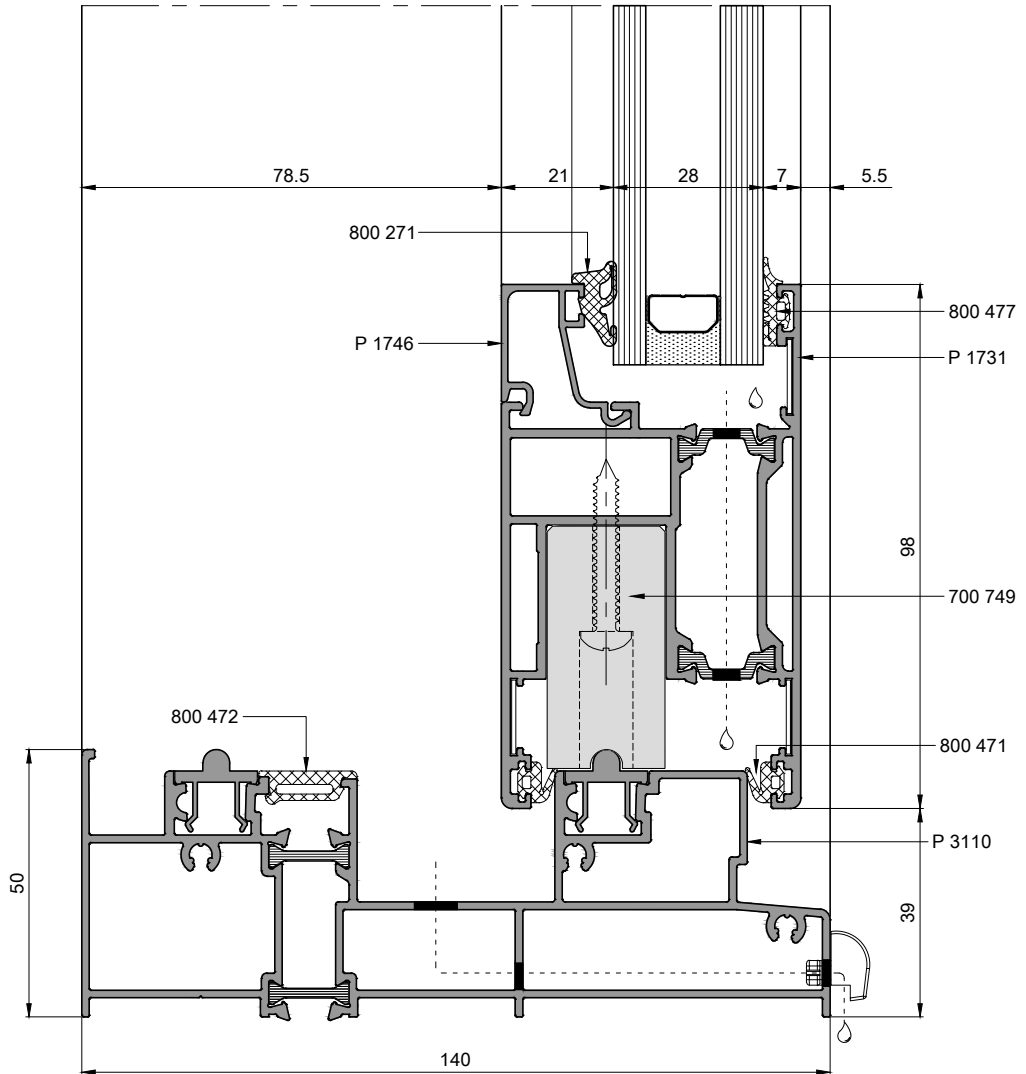
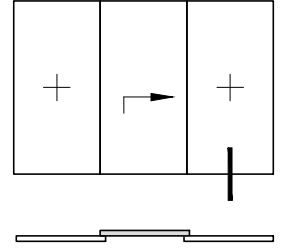


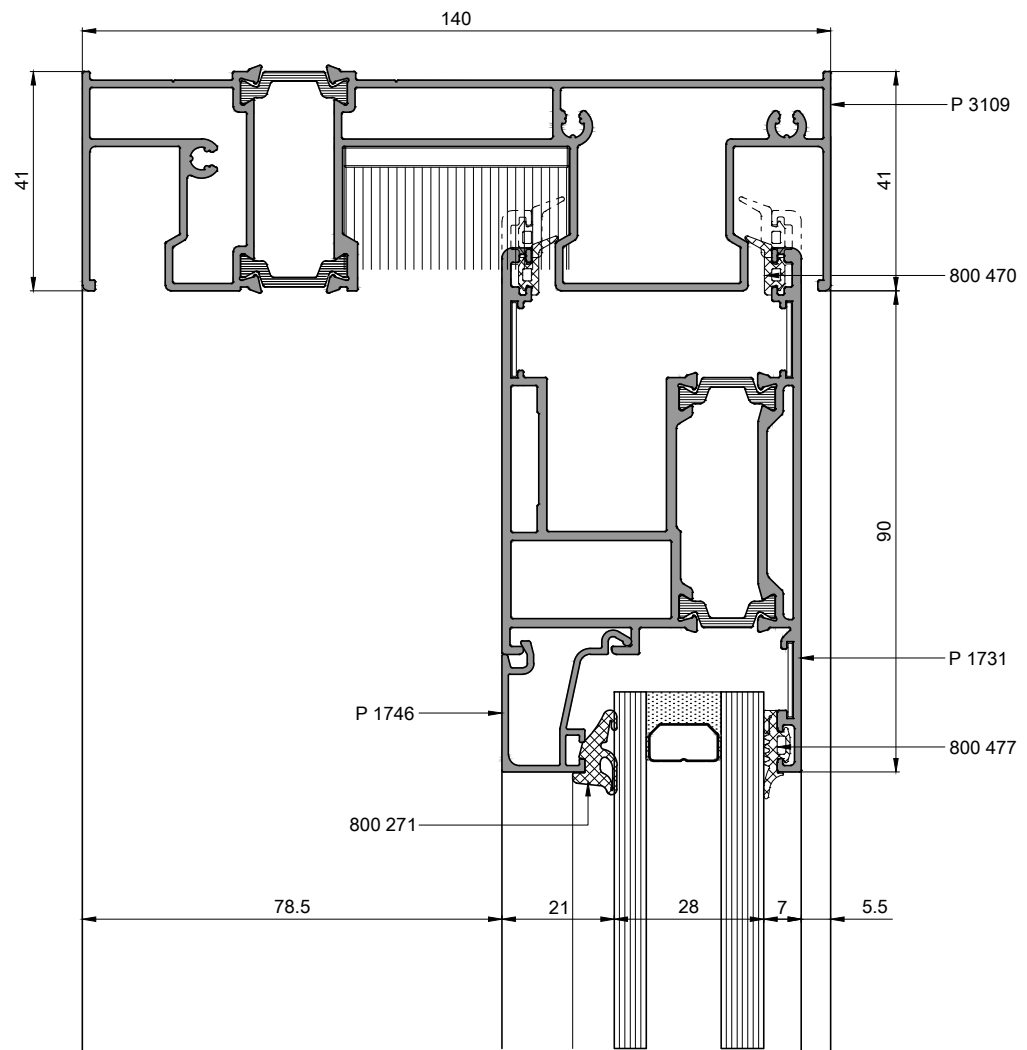
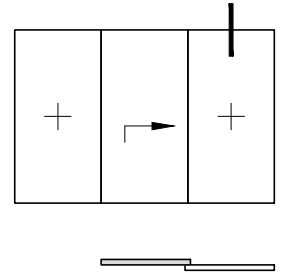


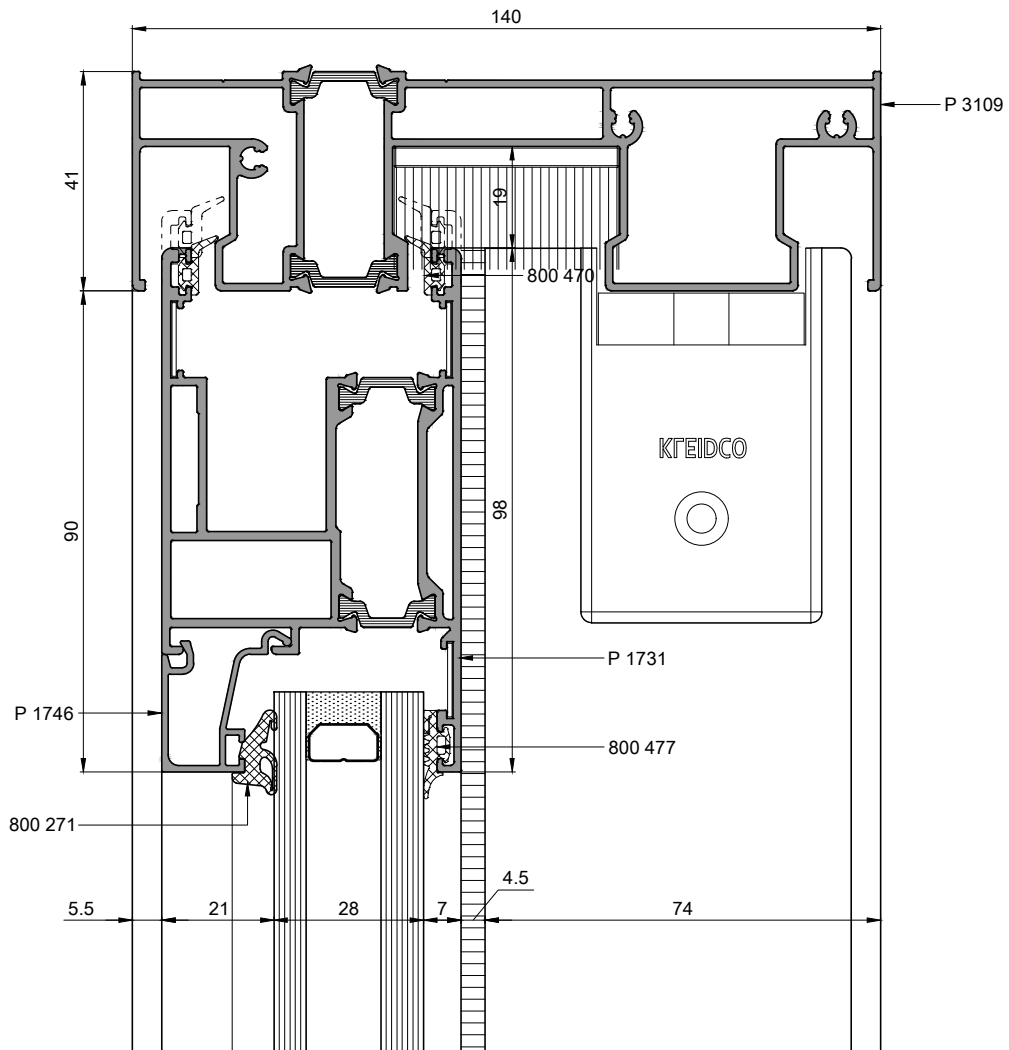
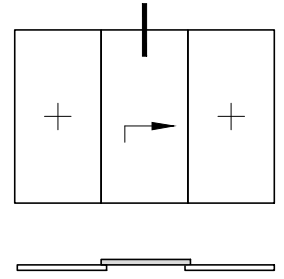








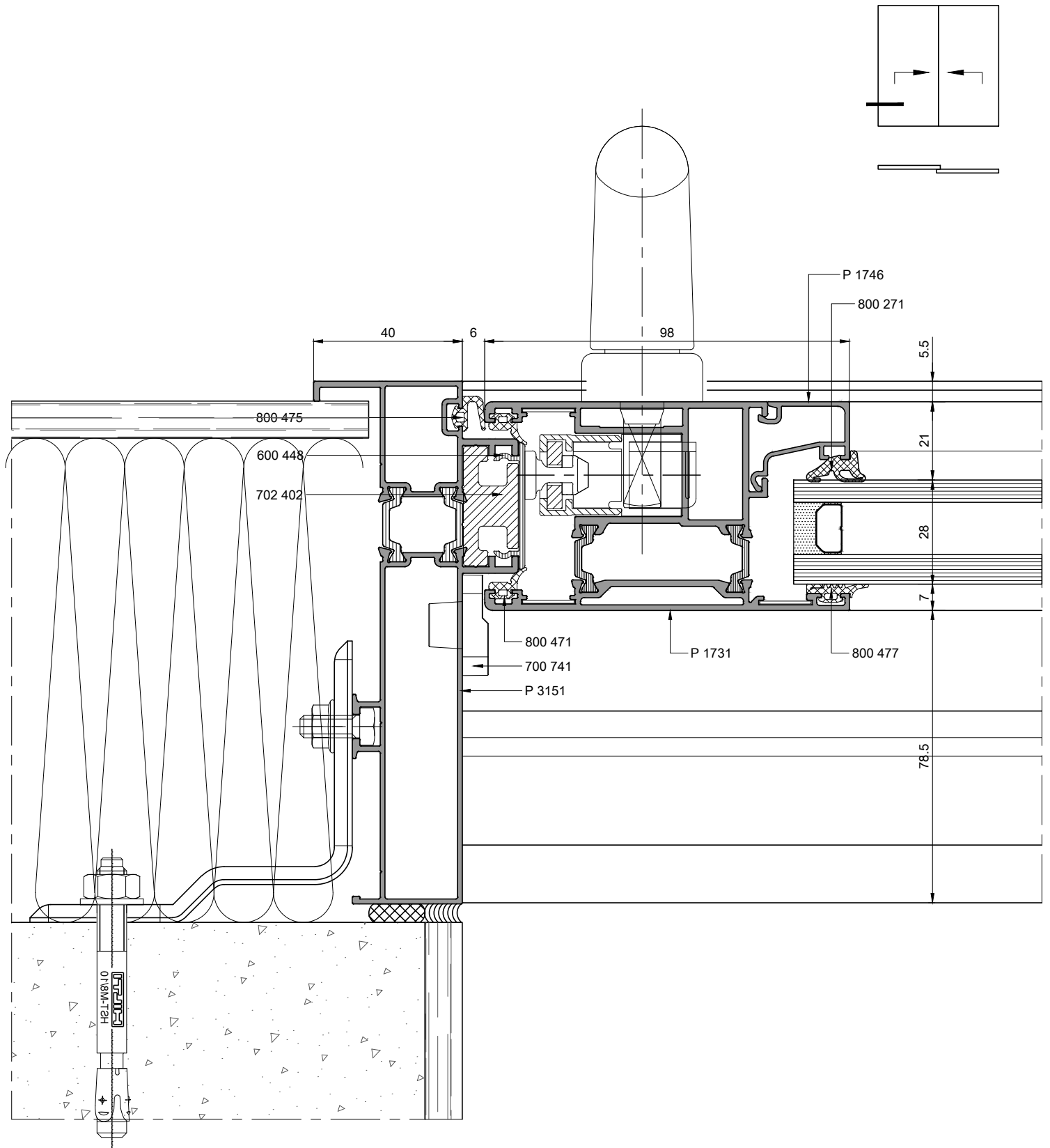


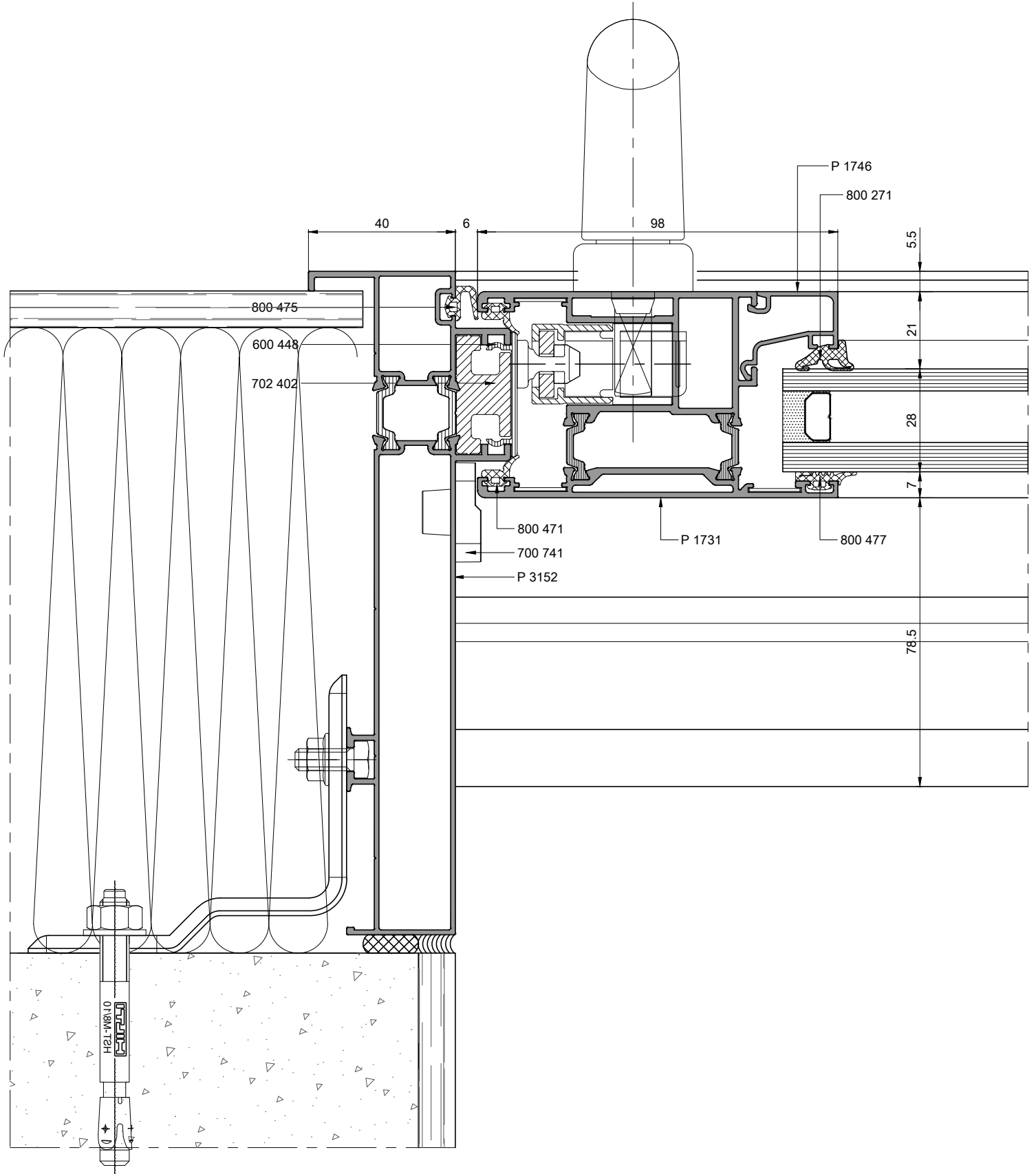


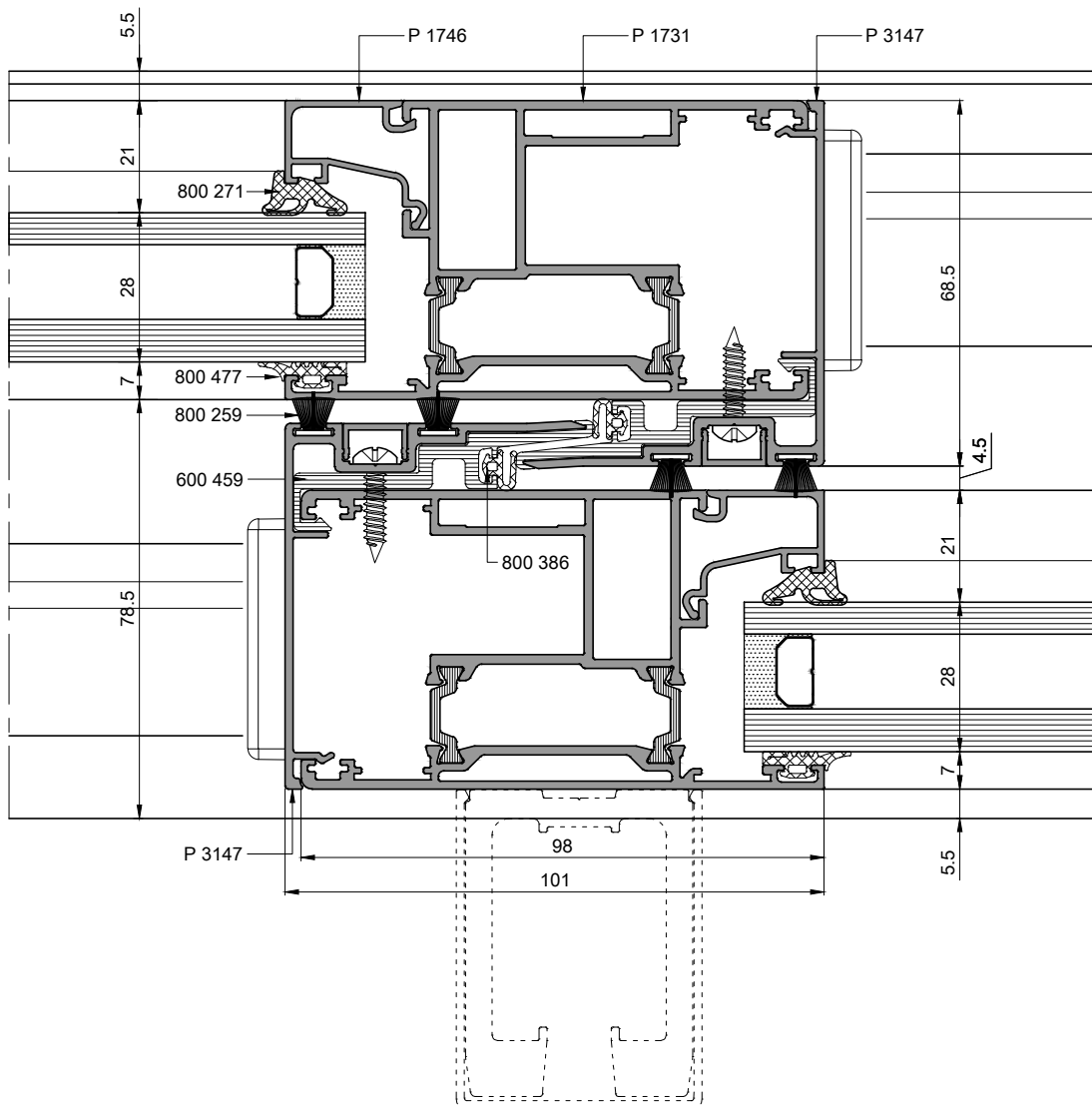
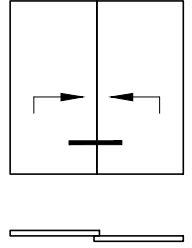
UNIQUEslide

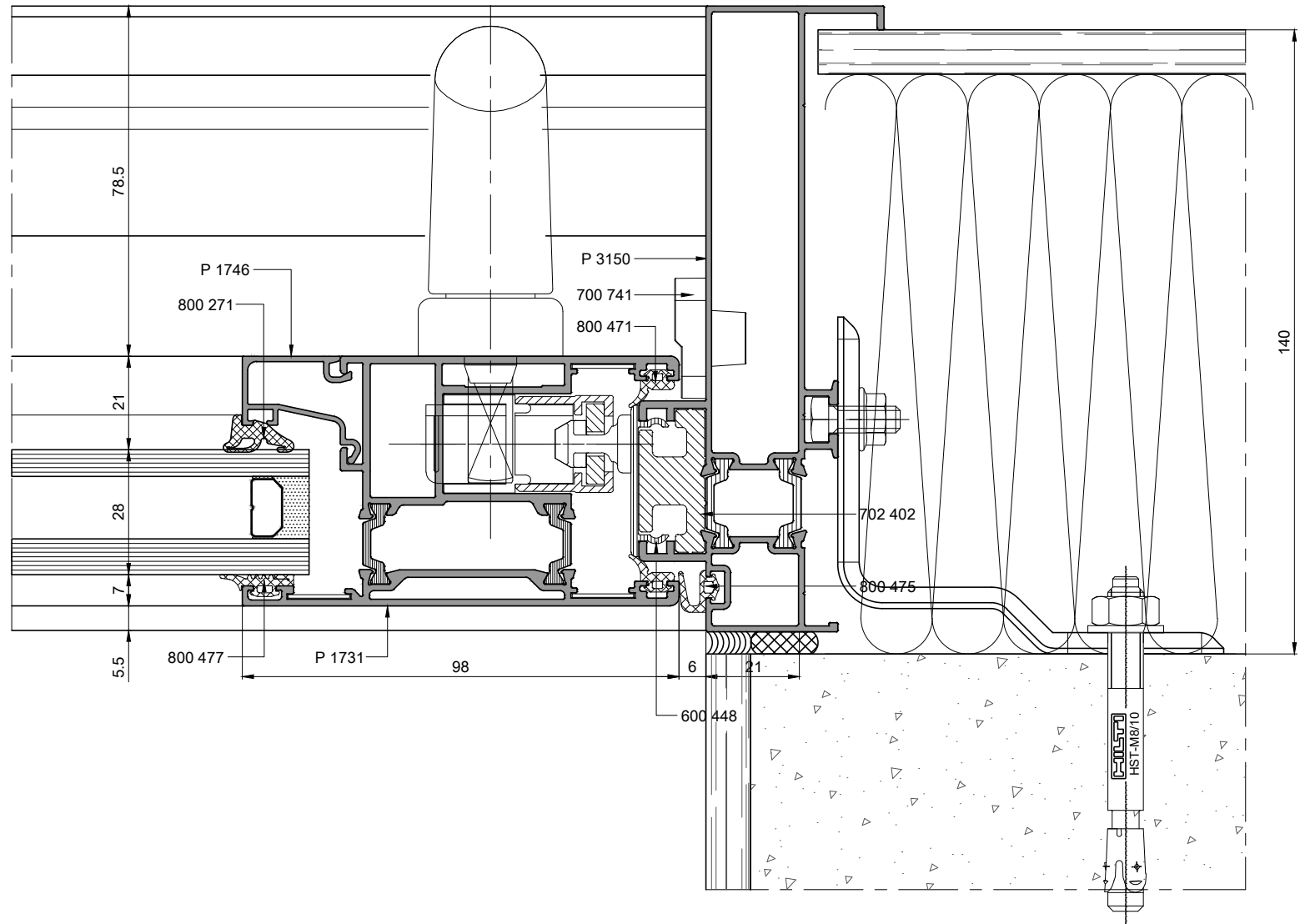
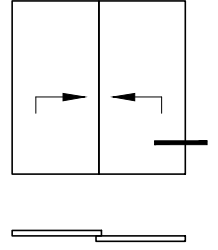
KALDIR SÜR KAPI ve PENCERE SİSTEMİ
LIFT&SLIDE DOOR and WINDOW SYSTEM

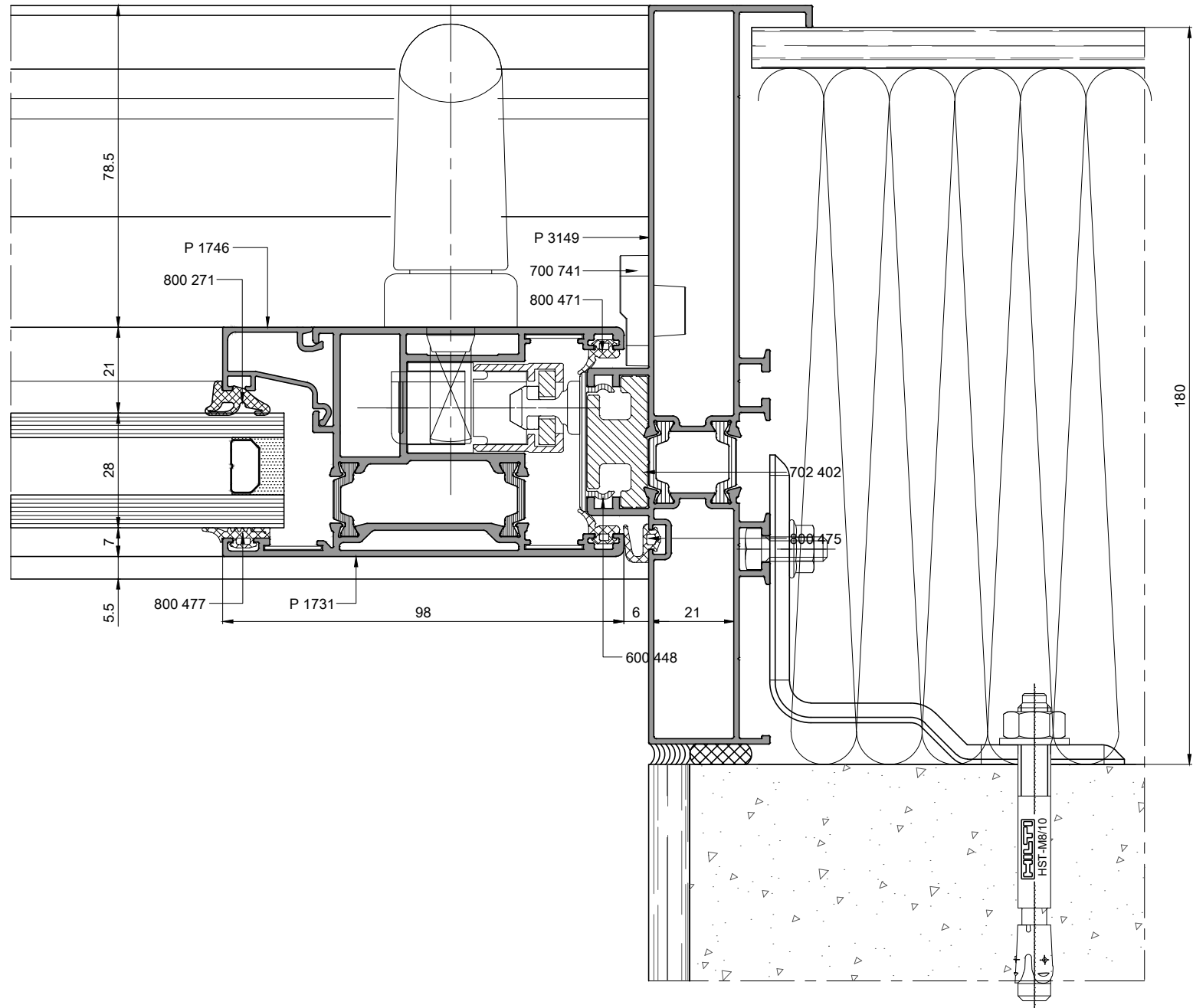
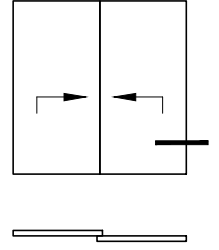
ÇİFT RAYLI KASA İLE
PRENSİP SİSTEM DETAYLARI
PRINCIPAL SECTIONS for
DOUBLE TRACK PROFILE

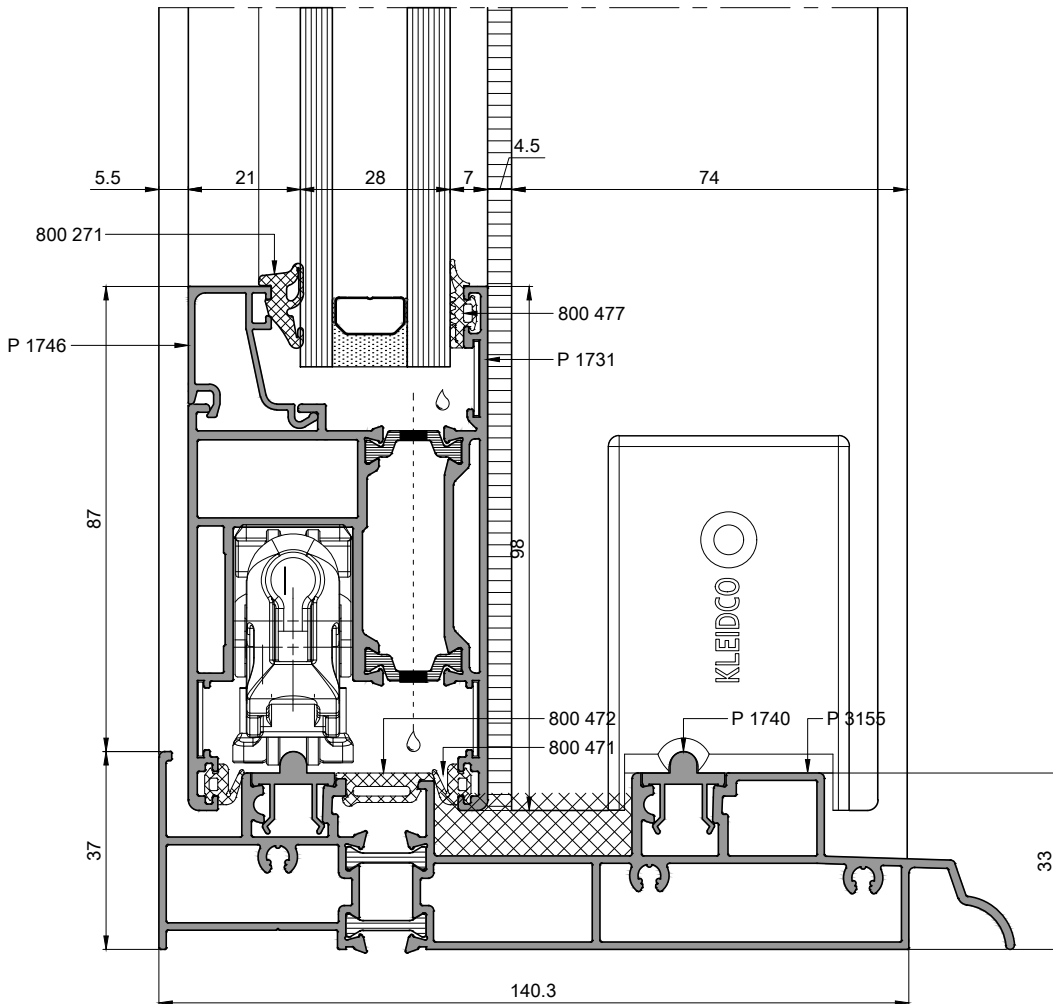
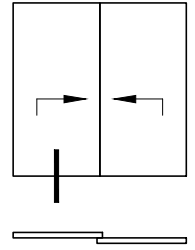


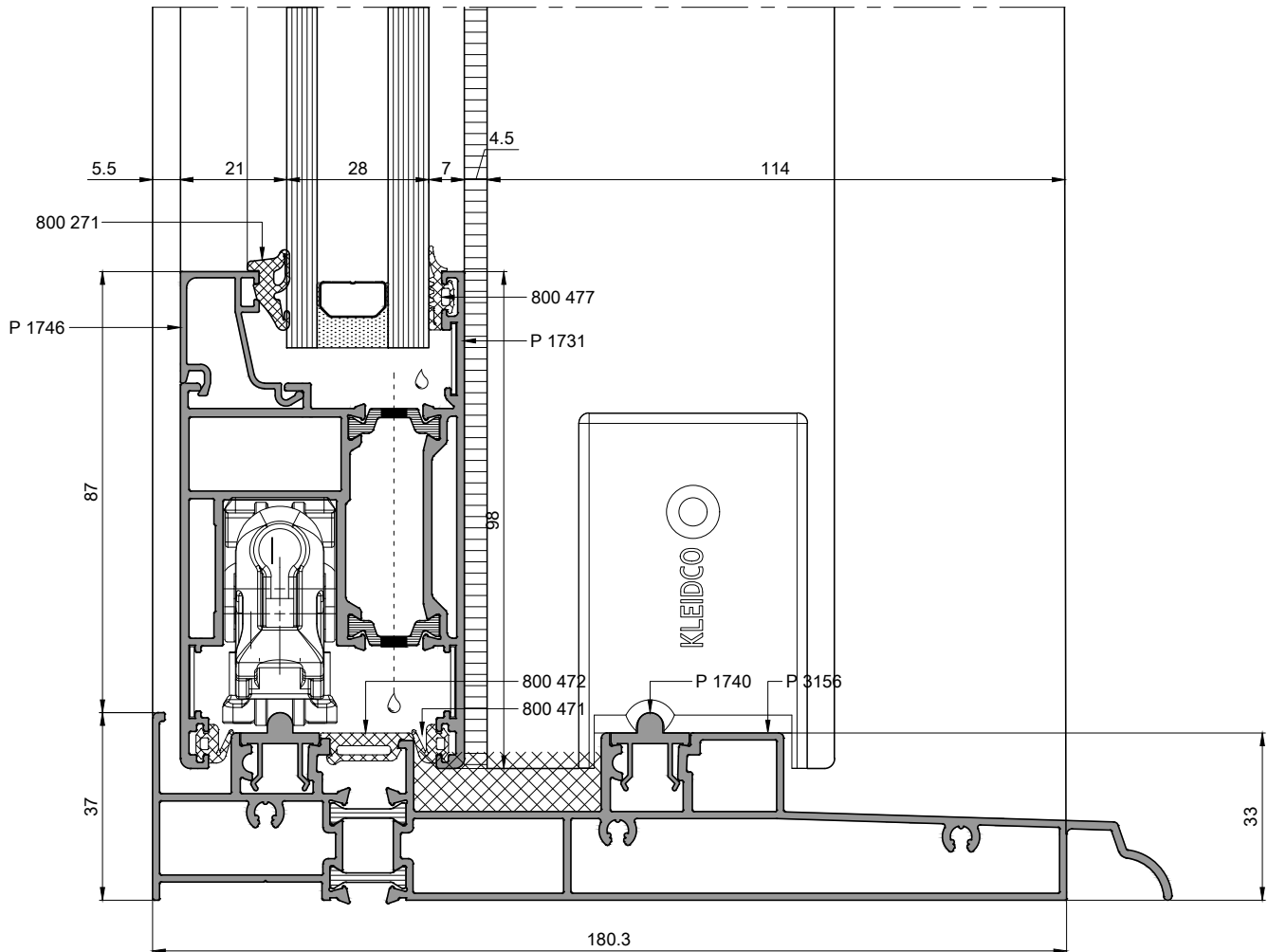
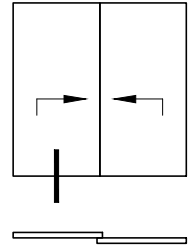


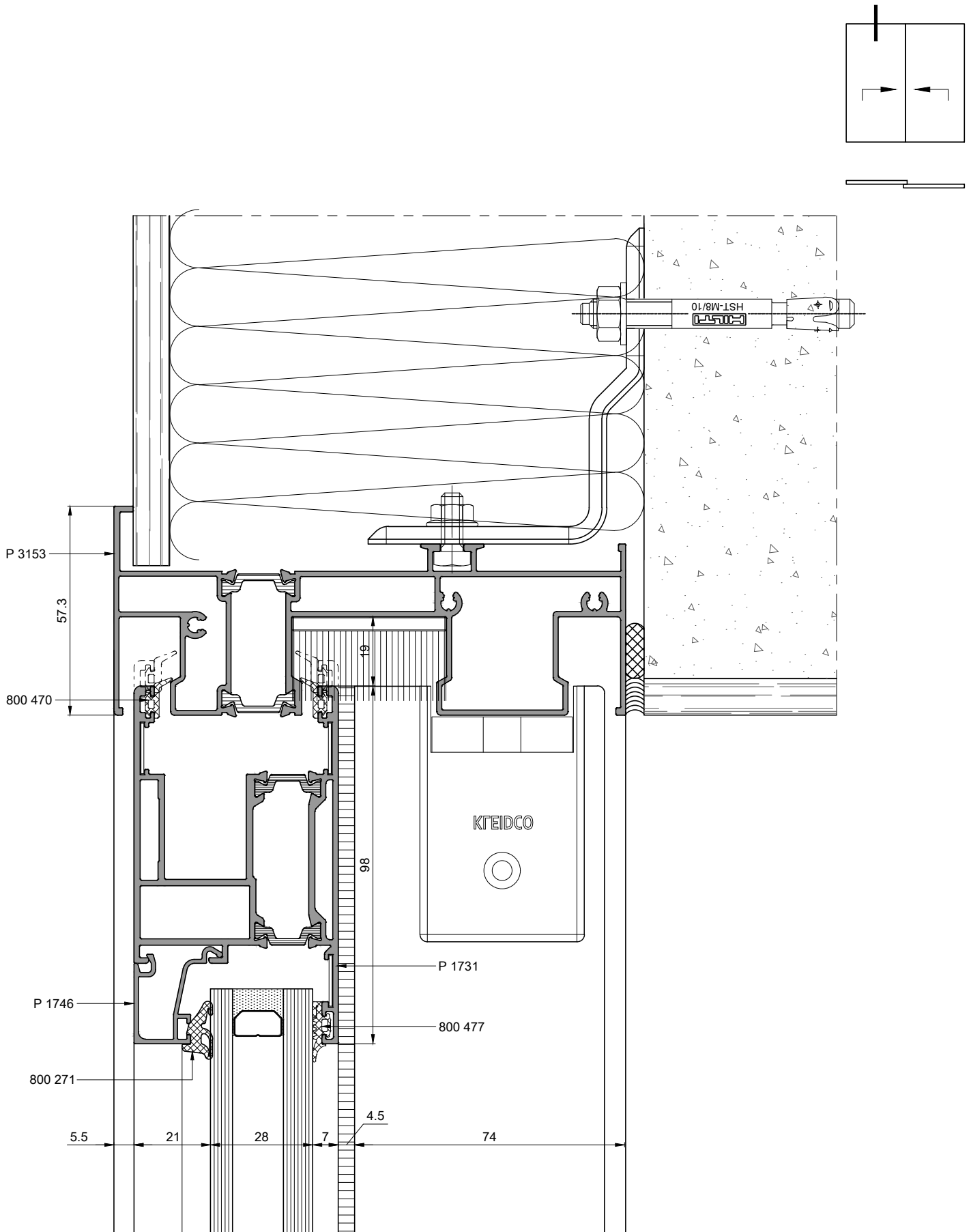


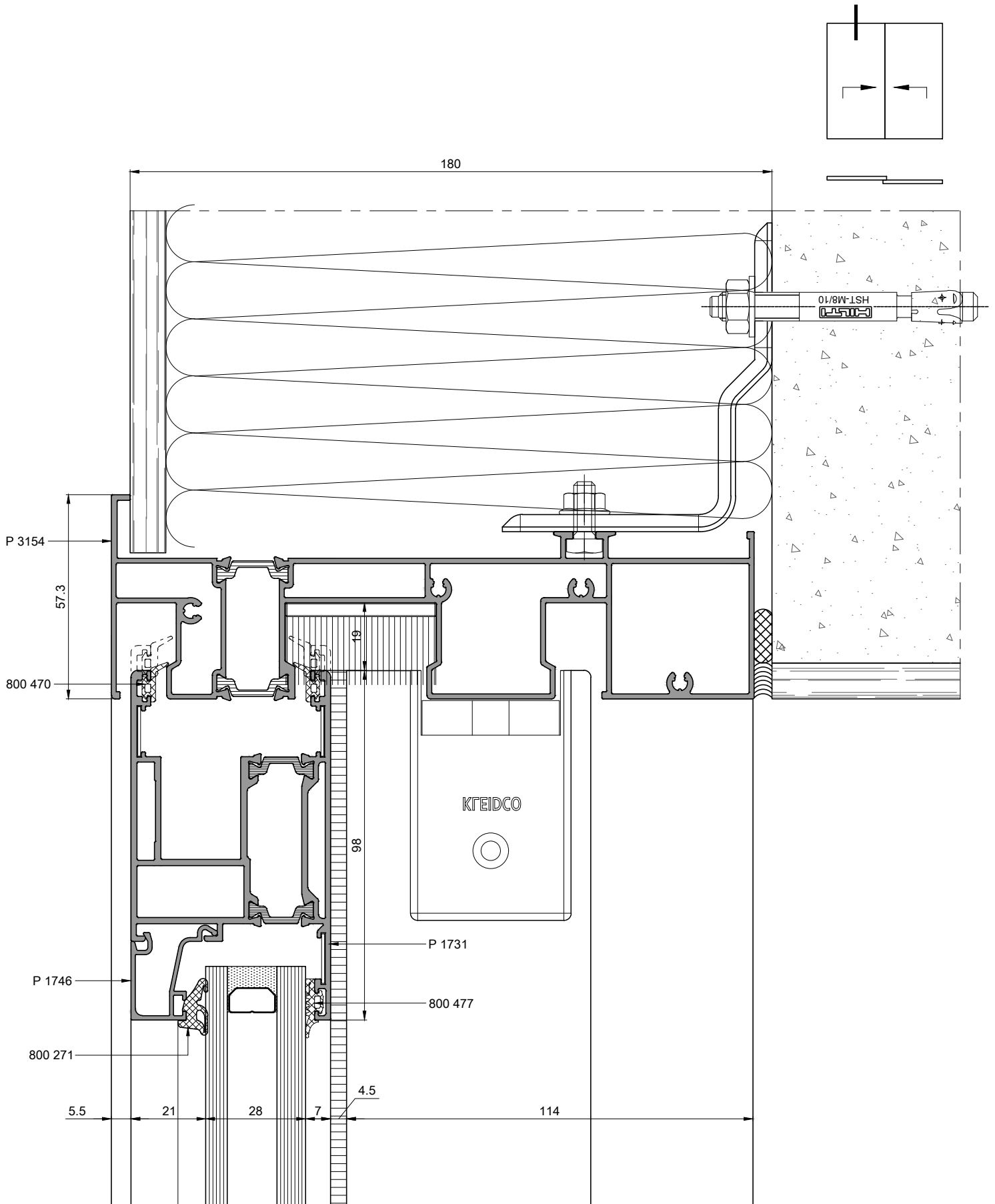












UNIQUE Max
BASİT SÜRME KAPI SİSTEMİ
SIMPLE SLIDE DOOR SYSTEM

TEK RAYLI KASA İLE
PRENSİP SİSTEM DETAYLARI
PRINCIPAL SECTIONS for
SINGLE TRACK PROFILE

