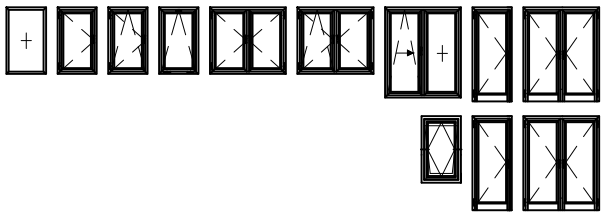
ASISTAL
Aluminium Profiles Company

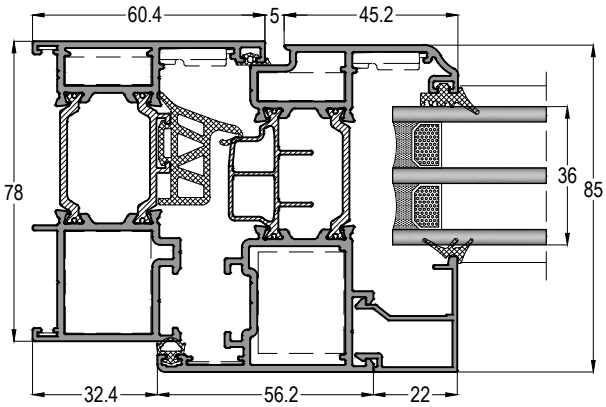
TH78 / THS78

YALITIMLI KAPI-PENCERE SİSTEMİ
THERMAL WINDOW & DOOR SYSTEM



İÇE AÇILIR
INWARD OPENING

DIŞA AÇILIR
OUTWARD OPENING



KASA GENİŞLİĞİ : 78 mm
Frame Width

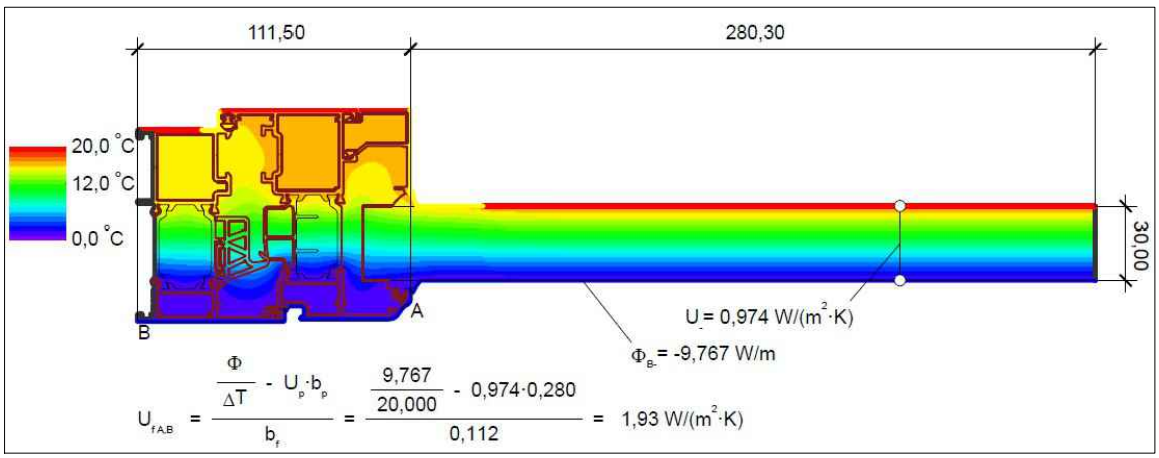
KANAT DERİNLİĞİ : 85 mm
Sash Depth

SİSTEM ET KALINLIĞI : 1,6 mm - 1,8 mm - 2 mm
System Wall Thickness

ISI BARİYERİ : 34 mm
Insulation Barrier

CAM KALINLIĞI : 20 - 62 mm
Glass Thickness

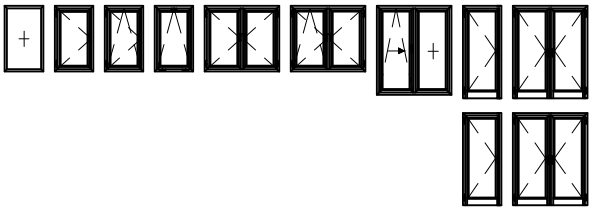




ASISTAL
Aluminium Profiles Company

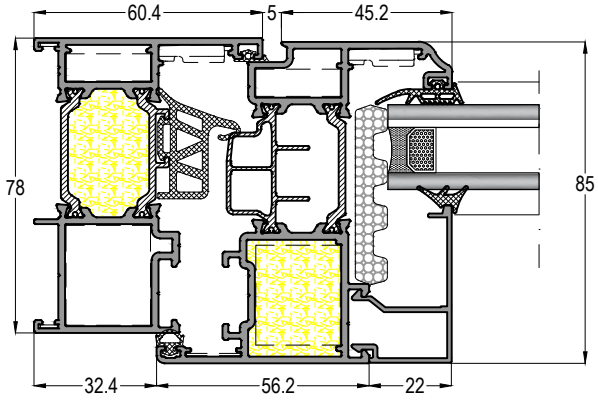
TH78+ / THS78+

YALITIMLI KAPI-PENCERE SİSTEMİ
THERMAL WINDOW & DOOR SYSTEM



İÇE AÇILIR
INWARD OPENING

DIŞA AÇILIR
OUTWARD OPENING



KASA GENİŞLİĞİ : 78 mm
Frame Width

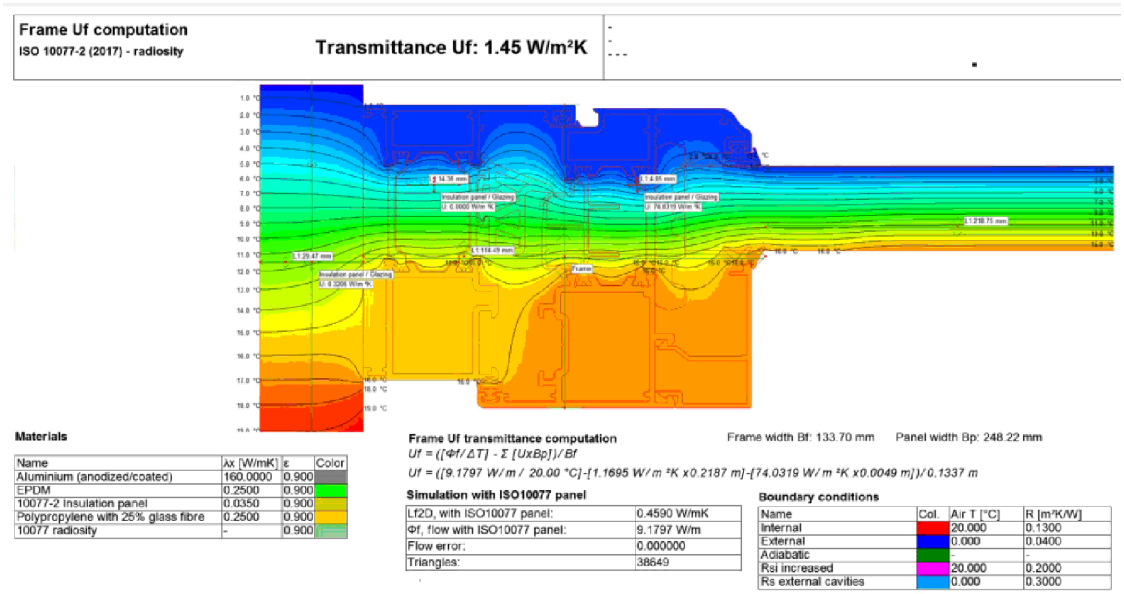
KANAT DERİNLİĞİ : 85 mm
Sash Depth

SİSTEM ET KALINLIĞI : 1,6 mm - 1,8 mm - 2 mm
System Wall Thickness

ISI BARİYERİ : 34 mm
Insulation Barrier

CAM KALINLIĞI : 20 - 62 mm
Glass Thickness





Materials

Name	λx [W/mK]	ε	Color
Aluminium (anodized/coated)	160.0000	0.900	
EPDM	0.2500	0.900	
10077-2 insulation panel	0.0350	0.900	
Polypropylene with 25% glass fibre	0.2500	0.900	
10077 radiosity	-	0.900	

Frame Uf transmittance computation

Frame width Bf: 133.70 mm Panel width Bp: 248.22 mm

Uf = ([Φf/ΔT] - Σ [UxBp])/Bf

Uf = ([9.1797 W/m / 20.00 °C]-[1.1695 W/m ²K x0.2187 m]-[74.0319 W/m ²K x0.0049 m])/0.1337 m

Simulation with ISO10077 panel

Lf2D, with ISO10077 panel:	0.4590 W/mK
Φf, flow with ISO10077 panel:	9.1797 W/m
Flow error:	0.000000
Triangles:	38649

Boundary conditions

Name	Col.	Air T [°C]	R [m²K/W]
Internal		20.000	0.1300
External		0.000	0.0400
Adiabatic		-	-
Rsi increased		20.000	0.2000
Rs external cavities		0.000	0.3000

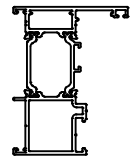
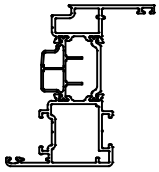
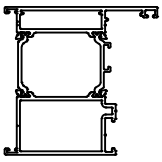
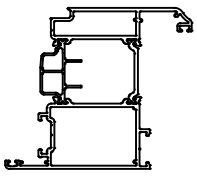
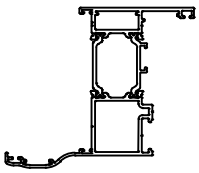
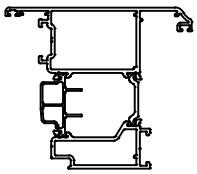
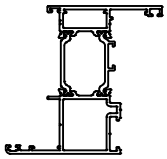
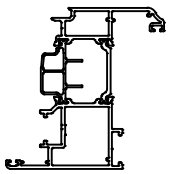
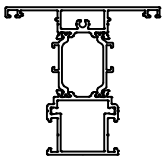
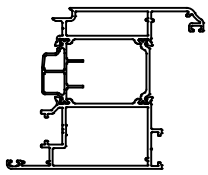
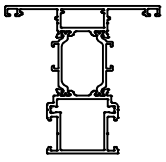
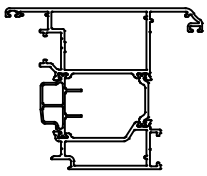
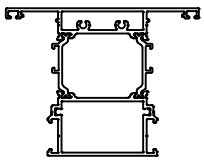
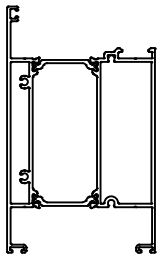
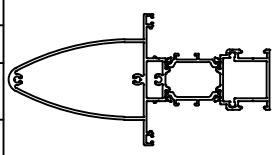
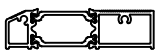
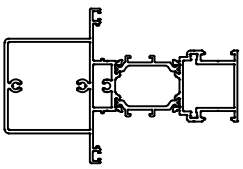
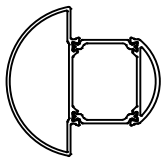
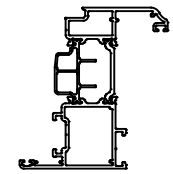
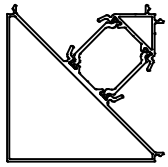
TH78 - THS78

YALITIMLI KAPI-PENCERE SİSTEMİ
THERMAL WINDOW&DOOR SYSTEM

PROFİL VE AKSESUAR LİSTELERİ

PROFILE & ACCESSORIES LISTS

PROFİL LİSTESİ / 1,8 mm - *PROFILES LIST / 1,8 mm*

TH78 01	Jx cm⁴	Jy cm⁴		**TH78 18**	Jx cm⁴	Jy cm⁴	
	45,72	12,61			62,90	17,32	
KASA PROFİLİ-60 mm *FRAME PROFILE*	AĞIRLIK / Weight			KANAT PROFİLİ *SASH PROFILE*	AĞIRLIK / Weight		
	1,600 kg/mt				1,867 kg/mt		
TH78 02	Jx cm⁴	Jy cm⁴		**TH78 12**	Jx cm⁴	Jy cm⁴	
	58,71	35,34			78,72	48,38	
KASA PROFİLİ-80 mm *FRAME PROFILE*	AĞIRLIK / Weight			İÇE AÇILIR KAPI KANAT PROFİLİ *INNER OPENING DOOR SASH PROFILE*	AĞIRLIK / Weight		
	1,971 kg/mt				2,276 kg/mt		
TH78 03	Jx cm⁴	Jy cm⁴		**TH78 13**	Jx cm⁴	Jy cm⁴	
	60,71	26,87			77,57	48,50	
PERVAZLI KASA PROFİLİ *FRAME PROFILE*	AĞIRLIK / Weight			DIŞA AÇILIR KAPI KANAT PROFİLİ *OUTWARD OPENING DOOR SASH PROFILE*	AĞIRLIK / Weight		
	1,782 kg/mt				2,320 kg/mt		
TH78 04	Jx cm⁴	Jy cm⁴		**TH78 14**	Jx cm⁴	Jy cm⁴	
	54,05	18,25			67,53	24,33	
PERVAZLI KASA PROFİLİ *FRAME PROFILE*	AĞIRLIK / Weight			KANAT PROFİLİ MULTI POINT SİSTEM *SASH PROFILE-MULTI POINT*	AĞIRLIK / Weight		
	1,736 kg/mt				2,002 kg/mt		
TH78 21	Jx cm⁴	Jy cm⁴		**TH78 15**	Jx cm⁴	Jy cm⁴	
	51,99	18,69			82,88	57,68	
ORTA KAYIT PROFİLİ 81 mm (vidalı) *TRANSOM-MULLION PROFILE*	AĞIRLIK / Weight			İÇE AÇILIR KAPI KANAT PROFİLİ-MULTI POINT *INNER OPENING DOOR SASH PROFILE-MULTI POINT*	AĞIRLIK / Weight		
	1,835 kg/mt				2,396 kg/mt		
TH78 22	Jx cm⁴	Jy cm⁴		**TH78 16**	Jx cm⁴	Jy cm⁴	
	51,41	18,72			81,87	58,04	
ORTA KAYIT PROFİLİ 81 mm *TRANSOM-MULLION PROFILE*	AĞIRLIK / Weight			DIŞA AÇILIR KAPI KANAT PROFİLİ-MULTI POINT *OUTWARD OPENING DOOR SASH PROFILE-MULTI POINT*	AĞIRLIK / Weight		
	1,798 kg/mt				2,442 kg/mt		
TH78 23	Jx cm⁴	Jy cm⁴		**TH78 31**	Jx cm⁴	Jy cm⁴	
	66,23	47,51			136,54	92,88	
ORTA KAYIT PROFİLİ 102 mm *TRANSOM-MULLION PROFILE*	AĞIRLIK / Weight			ETEK PROFİLİ-130 mm *BOTTOM PLATE PROFILE*	AĞIRLIK / Weight		
	2,250 kg/mt				2,917 kg/mt		
TH78 24	Jx cm⁴	Jy cm⁴		**TH78 30**			
	223,24	29,97					
TAKVİYELİ ORTA KAYIT PROFİLİ *SUPPORTED MULLION PROFILE*	AĞIRLIK / Weight			EŞİK PROFİLİ *BOTTOM RAIL PROFILE*	AĞIRLIK / Weight		
	2,856 kg/mt				1,117 kg/mt		
TH78 25	Jx cm⁴	Jy cm⁴		**TH78 52**	Jx cm⁴	Jy cm⁴	
	135,67	29,50			31,05	43,95	
TAKVİYELİ ORTA KAYIT PROFİLİ *SUPPORTED MULLION PROFILE*	AĞIRLIK / Weight			EKSENEL DÖNÜŞ PROFİLİ *CORNER PROFILE*	AĞIRLIK / Weight		
	2,626 kg/mt				1,761 kg/mt		
TH78 11	Jx cm⁴	Jy cm⁴		**TH78 53**	Jx cm⁴	Jy cm⁴	
	63,31	19,21			44,84	52,74	
KANAT PROFİLİ *SASH PROFILE*	AĞIRLIK / Weight			90° KÖŞE PROFİLİ *CORNER PROFILE*	AĞIRLIK / Weight		
	1,882 kg/mt				1,911 kg/mt		

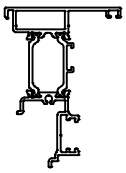
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

PROFİL LİSTESİ / 1,8 mm - *PROFILES LIST / 1,8 mm*

TH78 41

ÇİFT KANAT ADAPTÖR PROFİLİ
DOUBLE SASH ADAPTER PROFILE

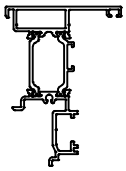
AĞIRLIK / Weight
1,388 kg/mt



TH78 42

ÇİFT KANAT ADAPTÖR PROFİLİ-MULTI POINT
DOUBLE SASH ADAPTER PROFILE - MULTI POINT

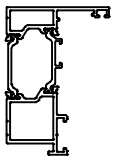
AĞIRLIK / Weight
1,418 kg/mt



TH78 43

DIŞA AÇILIR KAPI ADAPTÖR PROFİLİ
OUTWARD OPENING DOOR ADAPTER PROFILE

AĞIRLIK / Weight
1,473 kg/mt

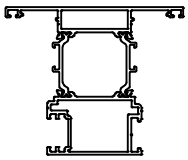


TH78 149

PİVOT AÇILIM ORTA KAYIT PROFİLİ
PIVOTING TRANSOM-MULLION PROFILE

Jx cm⁴	Jy cm⁴
56,55	28,93

AĞIRLIK / Weight
2,027 kg/mt

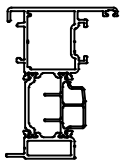


TH78 150

PİVOT AÇILIM ADAPTÖR PROFİLİ
PIVOTING ADAPTER PROFILE

Jx cm⁴	Jy cm⁴
50,21	11,58

AĞIRLIK / Weight
1,679 kg/mt

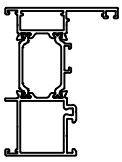


PROFİL LİSTESİ / 1,6 mm - *PROFILES LIST / 1,6 mm*

TH78 161

1,6 mm -KASA PROFİLİ
FRAME PROFILE

AĞIRLIK / Weight
1,481 kg/mt

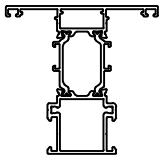


TH78 162

1,6 mm - ORTA KAYIT PROFİLİ
TRANSOM/MULLION PROFILE

Jx cm⁴	Jy cm⁴
47,16	17,10

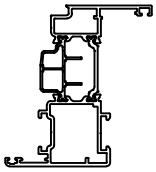
AĞIRLIK / Weight
1,654 kg/mt



TH78 163

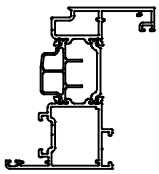
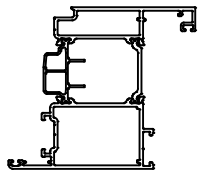
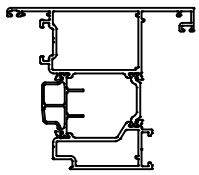
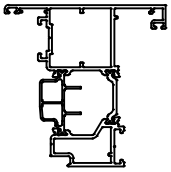
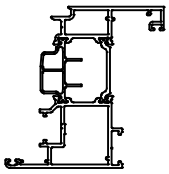
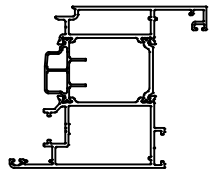
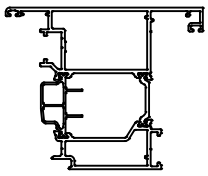
1,6 mm-KANAT PROFİLİ
1,6 mm SASH PROFILE

AĞIRLIK / Weight
1,792 kg/mt



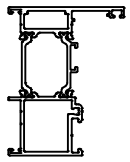
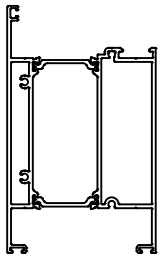
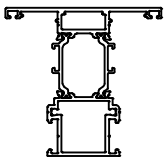
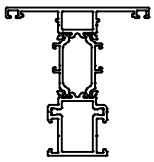
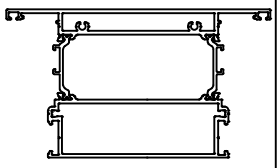
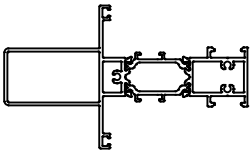
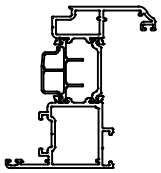
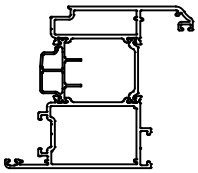
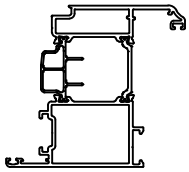
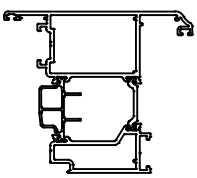
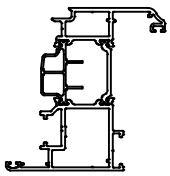
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

PROFİL LİSTESİ "S" SERISI - *PROFILES LIST "S" SERIES*

THS78 11	Jx cm⁴	Jy cm⁴			
	64,56	20,31			
KANAT PROFİLİ-DÜZ *SASH PROFILE-FLAT*	AĞIRLIK / Weight				
	1,896 kg/mt				
THS78 12	Jx cm⁴	Jy cm⁴			
	79,89	50,09			
İÇE AÇILIR KAPI KANAT PROFİLİ-DÜZ *INNER OPENING DOOR* *SASH PROFILE-FLAT*	AĞIRLIK / Weight				
	2,290 kg/mt				
THS78 13	Jx cm⁴	Jy cm⁴			
	78,73	50,17			
DIŞA AÇILIR KAPI KANAT PROFİLİ - DÜZ *OUTWARD OPENING DOOR* *SASH PROFILE*	AĞIRLIK / Weight				
	2,312 kg/mt				
THS78 17					
DIŞA AÇILIR PENCERE KANAT PROFİLİ - DÜZ *OUTWARD OPENING DOOR* *SASH PROFILE*	AĞIRLIK / Weight				
	2,087 kg/mt				
THS78 14	Jx cm⁴	Jy cm⁴			
	68,77	25,58			
KANAT PROFİLİ-DÜZ MULTI POINT SİSTEM *SASH PROFILE-MULTI POINT*	AĞIRLIK / Weight				
	2,016 kg/mt				
THS78 15	Jx cm⁴	Jy cm⁴			
	84,10	59,64			
İÇE AÇILIR KAPI KANAT PROFİLİ-MULTI POINT *INNER OPENING DOOR* *SASH PROFILE-MULTI POINT*	AĞIRLIK / Weight				
	2,410 kg/mt				
THS78 16	Jx cm⁴	Jy cm⁴			
	83,01	59,94			
DIŞA AÇILIR KAPI KANAT PROFİLİ-MULTI POINT *OUTWARD OPENING DOOR* *SASH PROFILE-MULTI POINT*	AĞIRLIK / Weight				
	2,432 kg/mt				

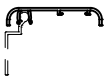
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

PROFİL LİSTESİ / 2 mm - *PROFILES LIST / 2 mm*

TH78 201 KASA PROFİLİ-60 mm 2mm *FRAME PROFILE*	Jx cm⁴ 48,58 Jy cm⁴ 12,14 AĞIRLIK / Weight 1,704 kg/mt		**TH78 231** 2mm - ETEK PROFİLİ *BOTTOM PLATE PROFILE-2mm* AĞIRLIK / Weight 3,162 kg/mt	
TH78 222 ORTA KAYIT PROFİLİ 81 mm - 2 mm *TRANSOM-MULLION PROFILE*	Jx cm⁴ 53,72 Jy cm⁴ 18,02 AĞIRLIK / Weight 1,906 kg/mt			
TH78 226 ORTA KAYIT PROFİLİ 75 mm - 2 mm *TRANSOM-MULLION PROFILE*	Jx cm⁴ 40,30 Jy cm⁴ 13,88 AĞIRLIK / Weight 1,735 kg/mt			
TH78 229 ORTA KAYIT PROFİLİ 139 mm - 2 mm *TRANSOM-MULLION PROFILE*	Jx cm⁴ 96,69 Jy cm⁴ 133,45 AĞIRLIK / Weight 3,228 kg/mt			
TH78 225 TAKVİYELİ ORTA KAYIT PROFİLİ *SUPPORTED MULLION PROFILE*	Jx cm⁴ 119,24 Jy cm⁴ 16,41 AĞIRLIK / Weight 2,280 kg/mt			
TH78 211 KANAT PROFİLİ-2 mm *SASH PROFILE*	Jx cm⁴ 63,31 Jy cm⁴ 19,21 AĞIRLIK / Weight 1,971 kg/mt			
TH78 212 İÇE AÇILIR KAPI KANAT PROFİLİ-2mm *INNER OPENING DOOR SASH PROFILE-2mm*	Jx cm⁴ 84,00 Jy cm⁴ 50,54 AĞIRLIK / Weight 2,403 kg/mt			
TH78 215 İÇE AÇILIR KAPI - DAR KANAT PROFİLİ-2mm *INNER OPENING DOOR SASH PROFILE-2mm*	Jx cm⁴ 34,13 Jy cm⁴ 27,60 AĞIRLIK / Weight 2,265 kg/mt			
TH78 213 2mm-DIŞA AÇILIR KAPI KANAT PROFİLİ *OUTWARD OPENING DOOR SASH PROFILE - 2mm*	AĞIRLIK / Weight 2,460 kg/mt			
TH78 214 KANAT PROFİLİ- 2 mm MULTI POINT SİSTEM *SASH PROFILE-MULTI POINT*	Jx cm⁴ 71,36 Jy cm⁴ 25,10 AĞIRLIK / Weight 2,098 kg/mt			

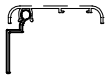
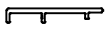
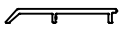
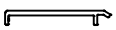
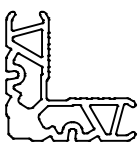
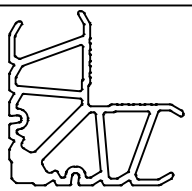
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

PROFİL LİSTESİ - *PROFILES LIST*

11-004	CAM ÇITASI-4 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,181 kg/mt		11-032	CAM ÇITASI-32 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,315 kg/mt	
11-006	CAM ÇITASI-6 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,218 kg/mt		11-035	CAM ÇITASI-35 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,323 kg/mt	
11-010	CAM ÇITASI-10 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,233 kg/mt		11-038	CAM ÇITASI-38 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,334 kg/mt	
11-015	CAM ÇITASI-15 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,242 kg/mt		11-040	CAM ÇITASI-40 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,325 kg/mt	
11-017	CAM ÇITASI-17 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,250 kg/mt		11-144	CAM ÇITASI-44 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,340 kg/mt	
11-020	CAM ÇITASI-20 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,276 kg/mt		12-01	DAMLALIK PROFİLİ *RAINDROP PROFILE*	AĞIRLIK / Weight 0,198 kg/mt	
11-022	CAM ÇITASI-22 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,282 kg/mt		12-02	DAMLALIK PROFİLİ *RAINDROP PROFILE*	AĞIRLIK / Weight 0,136 kg/mt	
11-026	CAM ÇITASI-26 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,296 kg/mt		12-03	DAMLALIK PROFİLİ *RAINDROP PROFILE*	AĞIRLIK / Weight 0,313 kg/mt	
11-028	CAM ÇITASI-28 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,302 kg/mt		12-41	TİJ PROFİLİ *SASH PROFILE*	AĞIRLIK / Weight 0,118 kg/mt	
11-030	CAM ÇITASI-30 mm *GLAZING BEAD PROFILE*	AĞIRLIK / Weight 0,308 kg/mt		12-52	PERVAZ PROFİLİ *BORDER PROFILE*	AĞIRLIK / Weight 0,279 kg/mt	

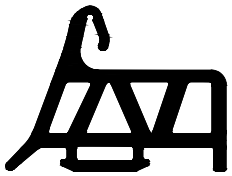
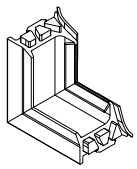
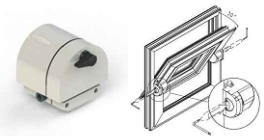
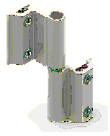
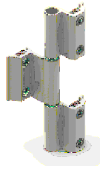
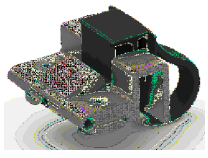
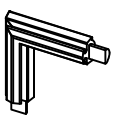
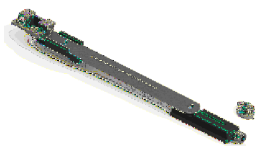
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

PROFİL LİSTESİ - *PROFILES LIST*

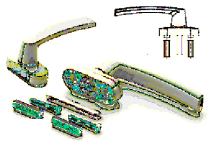
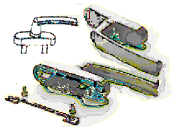
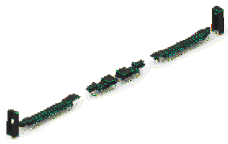
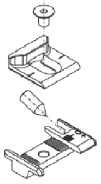
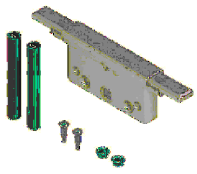
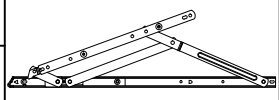
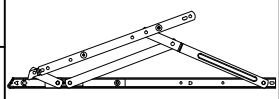
12-53 PERVAZ MONTAJ PROFİLİ *BORDER FIXING PROFILE*	AĞIRLIK / Weight 0,177 kg/mt			
12-54 PERVAZ PROFİLİ *BORDER PROFILE*	AĞIRLIK / Weight 0,325 kg/mt			
12-57 PERVAZ PROFİLİ *BORDER PROFILE*	AĞIRLIK / Weight 0,345 kg/mt			
12-91 DİK BAĞLANTI *T JOINT*	AĞIRLIK / Weight 0,800 kg/mt			
04-025025-12 KASA T 'Sİ - 30 mm *FRAME BORDER*	AĞIRLIK / Weight 0,158 kg/mt			
TH78-G01 CAM TAKOZU KASA VE ORTA KAYIT *GLASS SUPPORT FRAME & TRANSOM-MULLION*	AĞIRLIK / Weight 0,399 kg/mt			
TH78-G02 CAM TAKOZU KANAT PROFİLİ *GLASS SUPPORT SASH PROFILE*	AĞIRLIK / Weight 0,442 kg/mt			
TH78-G03 CAM TAKOZU ETEK PROFİLİ *GLASS SUPPORT BOTTOM PLATE PROFILE*	AĞIRLIK / Weight 0,420 kg/mt			
10-010225-00 KÖŞE TAKOZU-22,5 mm *CORNER JOINT*	AĞIRLIK / Weight 3,566 kg/mt			
10-010429-00 KÖŞE TAKOZU-42,7 mm *CORNER JOINT*	AĞIRLIK / Weight 5,482 kg/mt			

Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

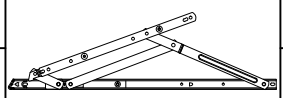
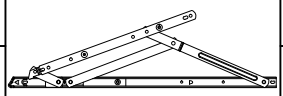
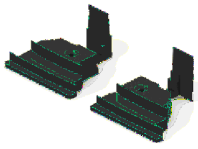
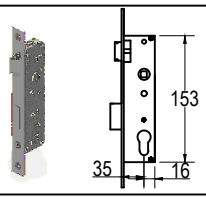
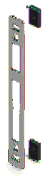
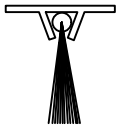
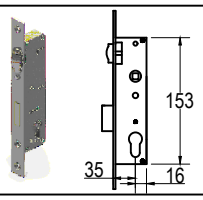
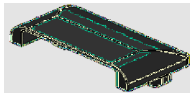
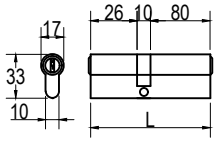
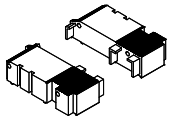
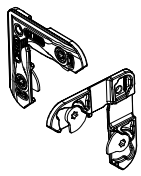
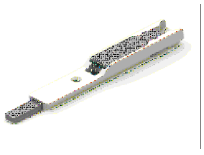
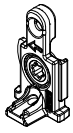
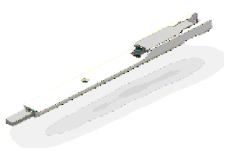
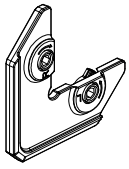
AKSESUAR LİSTESİ - *ACCESSORIES LIST*

EP1-01 DIŞ CAM FİTİLİ - 3,5 mm *OUTER GLAZING GASKET*	KOLİ MİKTARI/Package 240 mt / 15 kg		**EP4-07** ORTA BİNİ FİTİLİ *GASKET FOR OPEN JOINT*	KOLİ MİKTARI/Package 45 mt / 15 kg	
EPW1-01 DIŞ CAM FİTİLİ - 3 mm *OUTER GLAZING GASKET*	KOLİ MİKTARI/Package 625 mt / 15 kg		**EP4-07K** VULKANİZE FİTİLİ *GASKET FOR CORNER*	KOLİ MİKTARI/Package Adet / Piece	
EP2-01 İÇ CAM FİTİLİ - 3 mm *INNER GLAZING GASKET*	KOLİ MİKTARI/Package 440 mt / 15 kg		**ASI-ALU PVT** PİVOT MENTEŞE *PIVOTING HINGE*	KOLİ MİKTARI/Package Takım / Set	
EP2-02 İÇ CAM FİTİLİ - 4 mm *INNER GLAZING GASKET*	KOLİ MİKTARI/Package 300 mt / 15 kg		**ASI-H 3300** SİSTEM KAPI MENTEŞESİ *SYSTEM DOOR HINGE*	KOLİ MİKTARI/Package Adet / Piece	
EP2-03 İÇ CAM FİTİLİ - 5 mm *INNER GLAZING GASKET*	KOLİ MİKTARI/Package 250 mt / 15 kg		**ASI-H 9730** SİSTEM İKİLİ MENTEŞE *DOUBLE SYSTEM HINGE*	KOLİ MİKTARI/Package 250 Adet / Piece	
KC 06 İÇ CAM FİTİLİ - 6 mm *INNER GLAZING GASKET*	KOLİ MİKTARI/Package 100 mt / 8 kg		**ASI-H 9733** SİSTEM ÜÇLÜ MENTEŞE *TRIPLE SYSTEM HINGE*	KOLİ MİKTARI/Package 250 Adet / Piece	
KC 07 İÇ CAM FİTİLİ - 7 mm *INNER GLAZING GASKET*	KOLİ MİKTARI/Package 100 mt / 8.3 kg		**ASI-V 816** VASİSTAS AÇILIM KOLU *TRANSOM OPENING HANDLE*	KOLİ MİKTARI/Package 50 Adet / Piece	
EP3-02 KASA BİNİ FİTİLİ *FRAME GASKET*	KOLİ MİKTARI/Package 750 mt / 15 kg		**ASI-V 820** VASİSTAS AÇILIM KOLU *TRANSOM OPENING HANDLE*	KOLİ MİKTARI/Package 30 Adet / Piece	
EP3-03 KASA BİNİ FİTİLİ *FRAME GASKET*	KOLİ MİKTARI/Package mt / kg		**ASI-V 1000** VASİSTAS MAKAS (PVC) *TRANSOM RESTRICTER*	KOLİ MİKTARI/Package 120 Adet / Piece	
EP3-V03 VULKANİZE FİTİLİ *GASKET for CORNER*	KOLİ MİKTARI/Package Adet / Piece		**ASI-V 1080** VASİSTAS MAKAS *TRANSOM RESTRICTER*	KOLİ MİKTARI/Package 60 Adet / Piece	

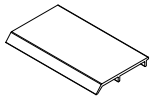
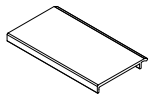
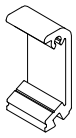
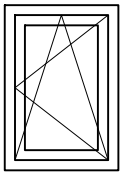
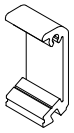
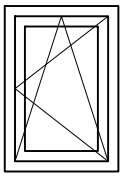
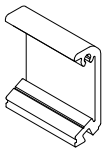
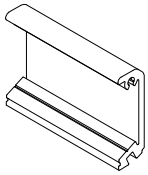
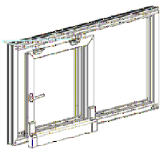
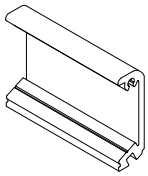
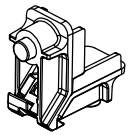
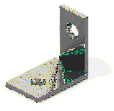
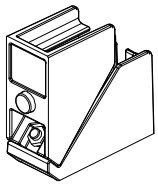
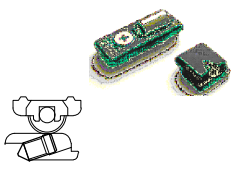
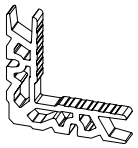
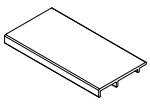
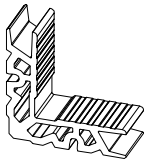
AKSESUAR LİSTESİ - *ACCESSORIES LIST*

ASI-V 1275-3 VASİSTAS 3 KADEMELİ ÇELİK MAKAS *TRANSOM RESTRICTER WITH 3 POSITIONS*	KOLİ MİKTARI/Package 10 Adet / Piece		**ASI-WH 001B** KARE MİLLİ PENCERE KOLU - İKİLİ TAKIM *WINDOW HANDLE WITH LOCK*	KOLİ MİKTARI/Package Takım / Set	
ASI-V 1275-5 VASİSTAS 5 KADEMELİ ÇELİK MAKAS *TRANSOM RESTRICTER WITH 5 POSITIONS*	KOLİ MİKTARI/Package 10 Adet / Piece		**ASI-DH 002** KAPI KOLU *DOOR HANDLE*	KOLİ MİKTARI/Package Adet / Piece	
ASI-WH 003 TEK DİLLİ EKSENEL KOL *WINDOW HANDLE*	KOLİ MİKTARI/Package Adet / Piece		**ASI-WH 007** DIŞA AÇILIR KARE MİLLİ PENCERE KOLU *BAS WINDOW HANDLE FOR OUTWARD OPENING*	KOLİ MİKTARI/Package Adet / Piece	
ASI-WH 004 ÇİFT DİLLİ EKSENEL KOL *WINDOW HANDLE*	KOLİ MİKTARI/Package Adet / Piece		**ASI-RP 001** TİJ PİMİ *ROD PROFILE LOCKING*	KOLİ MİKTARI/Package Adet / Piece	
ASI-WH 004A ÇİFT DİLLİ EKSENEL KOL - ANAHTARLI *WINDOW HANDLE WITH LOCK*	KOLİ MİKTARI/Package Adet / Piece		**ASI-RP 002** DIŞA AÇILIM TİJ PİMİ *ROD PROFILE LOCKING FOR OUTWARD OPENING*	KOLİ MİKTARI/Package Adet / Piece	
ASI-KA M108 EKSENEL KOL KİLİTLEME MEKANİZMASI *LOCKING FOR WINDOW*	KOLİ MİKTARI/Package Adet / Piece		**ASI-RS 001** PİM KARŞILIĞI *ROD PROFILE STRIKES*	KOLİ MİKTARI/Package 120 Adet / Piece	
ASI-KA P200 EKSENEL KOL KİLİTLEME MEKANİZMASI *LOCKING FOR WINDOW*	KOLİ MİKTARI/Package Adet / Piece		**ASI-RS 003** DIŞA AÇILIM PİM KARŞILIĞI *ROD PROFILE STRIKES FOR OUTWARD OPENING*	KOLİ MİKTARI/Package Adet / Piece	
ASI-KA VNT KANAT SABİTLEME *SASH FIXING*	KOLİ MİKTARI/Package Adet / Piece		**ASI-GB 001** DIŞA AÇILIM KOL MEKANİZMASI *LOCKING FOR WINDOW FOR OUTWARD OPENING*	KOLİ MİKTARI/Package Adet / Piece	
ASI-WH 001 KARE MİLLİ PENCERE KOLU *WINDOW HANDLE*	KOLİ MİKTARI/Package Adet / Piece		**ASI-OA 001** DIŞA AÇILIM MAKAS -10" *EUROGROVE ARM FOR OUTWARD OPENING*	KOLİ MİKTARI/Package Adet / Piece	
ASI-WH 001A KARE MİLLİ PENCERE KOLU-ANAHTARLI *WINDOW HANDLE WITH LOCK*	KOLİ MİKTARI/Package Adet / Piece		**ASI-OA 002** DIŞA AÇILIM MAKAS -16" *EUROGROVE ARM FOR OUTWARD OPENING*	KOLİ MİKTARI/Package Adet / Piece	

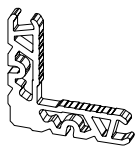
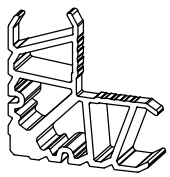
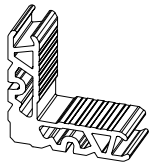
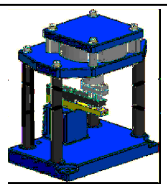
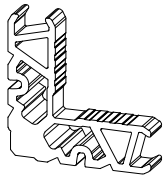
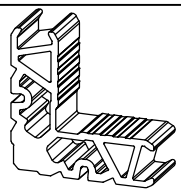
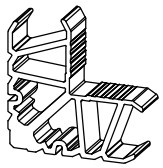
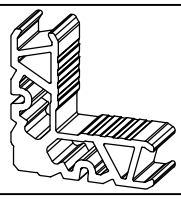
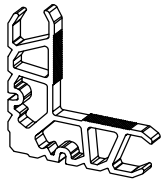
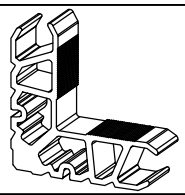
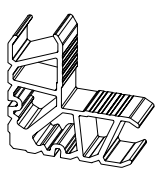
AKSESUAR LİSTESİ - *ACCESSORIES LIST*

ASI-OA 003 DIŞA AÇILIM MAKAS -22" *EUROGROVE ARM FOR OUTWARD OPENING* KOLİ MİKTARI/Package: Adet / Piece		**ASI-DH 60Y** ÇEKME KAPI KOLU *DOOR HANDLE* KOLİ MİKTARI/Package: Adet / Piece	
ASI-OA 004 DIŞA AÇILIM MAKAS -28" *EUROGROVE ARM FOR OUTWARD OPENING* KOLİ MİKTARI/Package: Adet / Piece		**TH78 HOK** ADAPTÖR KAPAĞI *ADAPTER COVER* KOLİ MİKTARI/Package: alt-üst 1 takım	
ASI-153 35 DİLLİ KİLİT *MOURTISE LOCK WITH CYLINDER* KOLİ MİKTARI/Package: Adet / Piece		**KF 67-1000** FIRÇA FİTİL *BRUSH GASKET* KOLİ MİKTARI/Package: 600 mt	
ASI-LS 90185D DİLLİ KİLİT KARŞILIĞI *LOCK STRIKES* KOLİ MİKTARI/Package: Adet / Piece		**ASI-F 100A** KAPI ALTI FIRÇASI *DOOR BRUSH GASKET* KOLİ MİKTARI/Package: Adet / Piece	
ASI-155 35 MAKARALI KİLİT *MOURTISE LOCK WITH ROLLER* KOLİ MİKTARI/Package: Adet / Piece		**ASI-WDC 01** YAĞMUR TAHLİYE KAPAĞI *WATER REJECT COVER* KOLİ MİKTARI/Package: Adet / Piece	
ASI-LS 90185M MAKARALI KİLİT KARŞILIĞI *ROLLER LOCK STRIKES* KOLİ MİKTARI/Package: Adet / Piece		**ASI-WDC 02** KLAPELİ YAĞMUR TAHLİYE KAPAĞI *WATER REJECT COVER* KOLİ MİKTARI/Package: Adet / Piece	
ASI-BRL 116 116 LIK BAREL *CYLINDER 116* KOLİ MİKTARI/Package: 250 Adet / Piece		**TH78-PL30** EŞİK BAĞLANTI KAPAĞI *BOTTOM RAIL JOINT COVER* KOLİ MİKTARI/Package: Adet / Piece	
ASI-225 BAREL AYNASI (Beyaz,Siyah,Gri) *DOOR HANDLE CYLINDER (White,Black,Grey)* KOLİ MİKTARI/Package: Adet / Piece		**ASI-FUJI 2500** AYARLI ORTA KAYIT BAĞLANTI *T JOINT CONNECTION* KOLİ MİKTARI/Package: Adet / Piece	
ASI-B 2217 SÜRGÜ KİLİTLEME-KISA *SASH FIXING LOCK-SHORT* KOLİ MİKTARI/Package: 240 Adet / Piece		**ASI-FUJI 2700** AYARLI ORTA KAYIT BAĞLANTI *T JOINT CONNECTION* KOLİ MİKTARI/Package: Adet / Piece	
ASI-B 2215 SÜRGÜ KİLİTLEME-UZUN *SASH FIXING LOCK-LONG* KOLİ MİKTARI/Package: 120 Adet / Piece		**ASI-FUJI 2000** AYARLI KÖŞE GÖNYESİ *CORNER ALIGNMENT* KOLİ MİKTARI/Package: Adet / Piece	

AKSESUAR LİSTESİ - *ACCESSORIES LIST*

ASI-SB 19 KÖŞE GÖNYESİ *CORNER ALIGNMENT*	KOLİ MİKTARI/Package 1000 Adet / Piece		**TH78-G02-100** CAM DESTEK TAKOZU *GLASS SUPPORT*	KOLİ MİKTARI/Package 2 Adet / Piece	
ASI-SB 19.1 KÖŞE GÖNYESİ *CORNER ALIGNMENT*	KOLİ MİKTARI/Package 1000 Adet / Piece		**TH78-G03-100** CAM DESTEK TAKOZU *GLASS SUPPORT*	KOLİ MİKTARI/Package 2 Adet / Piece	
ASI-DB 9116 DİK BAĞLANTI *T JOINT*	KOLİ MİKTARI/Package Adet / Piece		**ASI-ALU TT** ÇİFT EKSEN AÇILIM MEKANİZMASI *TILT&TURN OPENING*	KOLİ MİKTARI/Package Takım / Set	
ASI-DB 9123 DİK BAĞLANTI *T JOINT*	KOLİ MİKTARI/Package Adet / Piece		**ASI-PVC TT** ÇİFT EKSEN AÇILIM MEKANİZMASI *TILT&TURN OPENING*	KOLİ MİKTARI/Package Takım / Set	
ASI-DB 9143 DİK BAĞLANTI *T JOINT*	KOLİ MİKTARI/Package Adet / Piece		**ASI-LTT K01** ÇİFT KANAT AÇILIM PASİF KANAT LEVYE KOL *INACTIVE SASH HIDDEN HANDLE*	KOLİ MİKTARI/Package Takım / Set	
ASI-DB 9174 DİK BAĞLANTI *T JOINT*	KOLİ MİKTARI/Package Adet / Piece		**ASI-MEK VW** PARALEL SÜRME MEKANİZMASI *TILT&SLIDE OPENING*	KOLİ MİKTARI/Package Takım / Set	
ASI-DB 9180 DİK BAĞLANTI *T JOINT*	KOLİ MİKTARI/Package Adet / Piece		**ASI-PB 2660** PİMLİ KÖŞE BAĞLANTI *CORNER JOINT*	KOLİ MİKTARI/Package 200 Adet / Piece	
ASI-P 100.1 ORTA KAYIT BAĞLANTI *T JOINT*	KOLİ MİKTARI/Package 250 Adet / Piece		**ASI-PB 2650** PİMLİ KÖŞE BAĞLANTI *CORNER JOINT*	KOLİ MİKTARI/Package 150 Adet / Piece	
ASI-SS 01 KANAT DESTEK TAKOZU *SASH SUPPORT BOTTOM*	KOLİ MİKTARI/Package Takım / Set		**ASI-KT 1609** KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece	
TH78-G01-100 CAM DESTEK TAKOZU *GLASS SUPPORT*	KOLİ MİKTARI/Package 2 Adet / Piece		**ASI-KT 1626** KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece	

AKSESUAR LİSTESİ - *ACCESSORIES LIST*

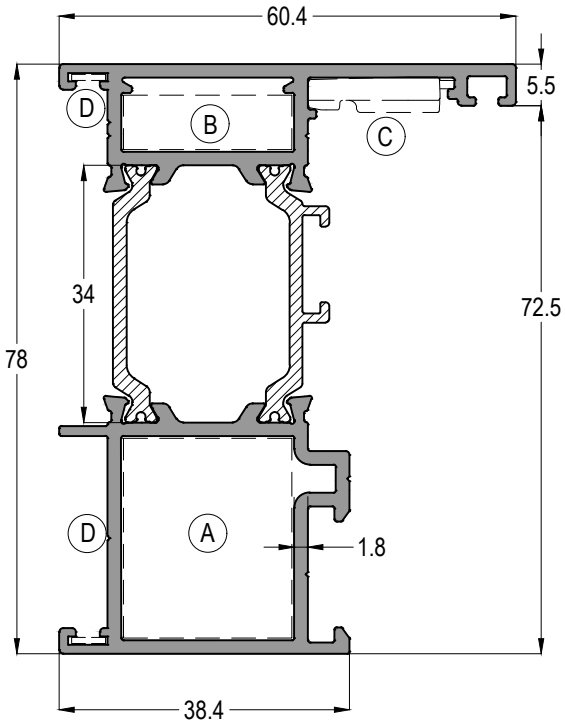
ASI-KT 1807 KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece		**ASI-KT 4308** KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece	
ASI-KT 1830 KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece		**501 EKO PANÇ** KÖŞE PİMLİ BAĞLANTI PANÇ MAKİNESİ *PUNCH MACHINE FOR CORNER JOINT WITH PIN*	KOLİ MİKTARI/Package Adet / Piece	
ASI-KT 2308 KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece				
ASI-KT 2319 KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece				
ASI-KT 2650 KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece				
ASI-KT 2660 KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece				
ASI-KT 2909 KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece				
ASI-KT 2926 KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece				
ASI-KT 3807 KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece				
ASI-KT 3830 KÖŞE TAKOZU *CORNER JOINT*	KOLİ MİKTARI/Package Adet / Piece				

PROFİL DETAYLARI

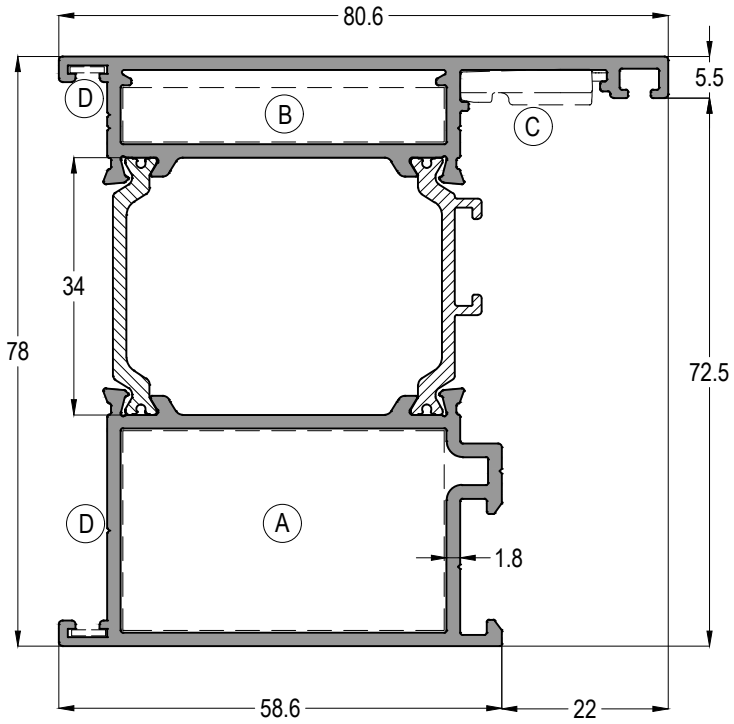
PROFILE DETAILS

TH78 - THS78

YALITIMLI KAPI-PENCERE SİSTEMİ
THERMAL WINDOW&DOOR SYSTEM

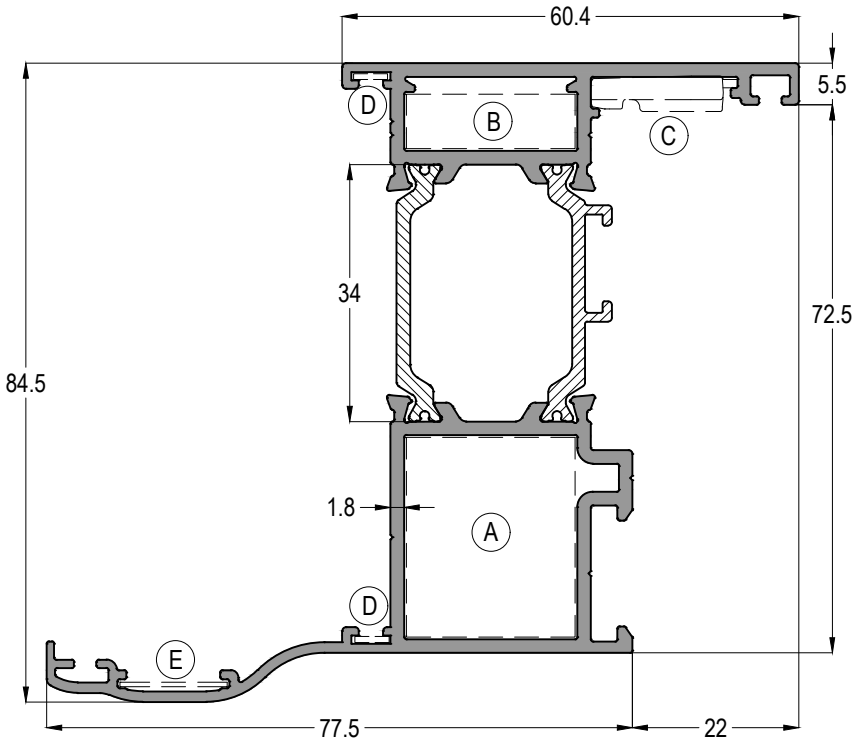


TH78 01	Jx cm⁴	Jy cm⁴
	45,72	12,61
A B C D	AĞIRLIK / Weight	
ASI-KT 2660~ASI-PB 2660 · ASI-KT 2308 · ASI-FUJI 2000 · ASI-SB 19	1,600 kg/mt	

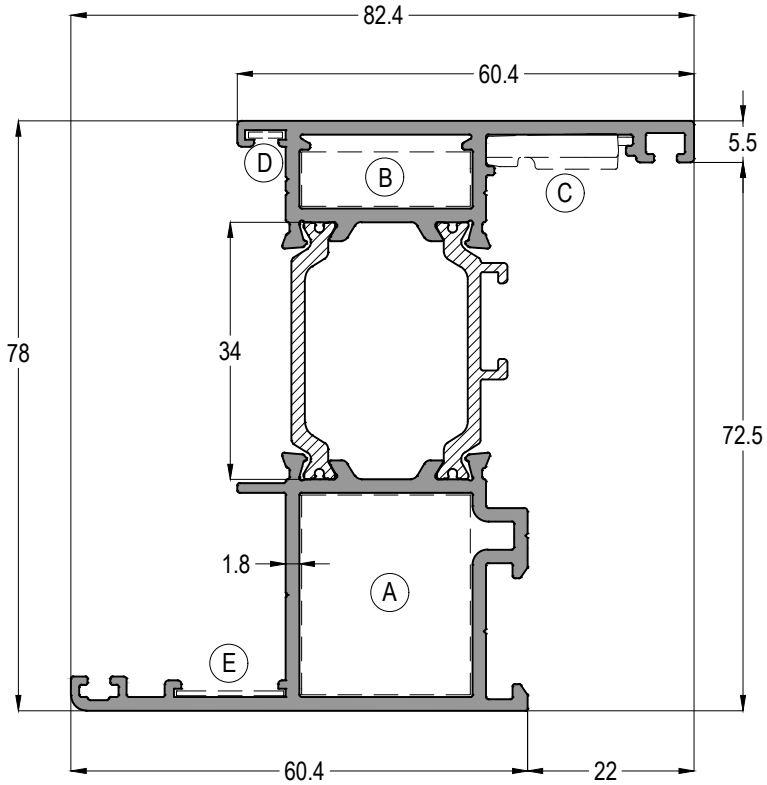


TH78 02	Jx cm⁴	Jy cm⁴
	58,71	35,34
A B C D	AĞIRLIK / Weight	
ASI-KT 2650~ASI-PB 2650 · ASI-KT 4308 · ASI-FUJI 2000 · ASI-SB 19	1,971 kg/mt	

Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

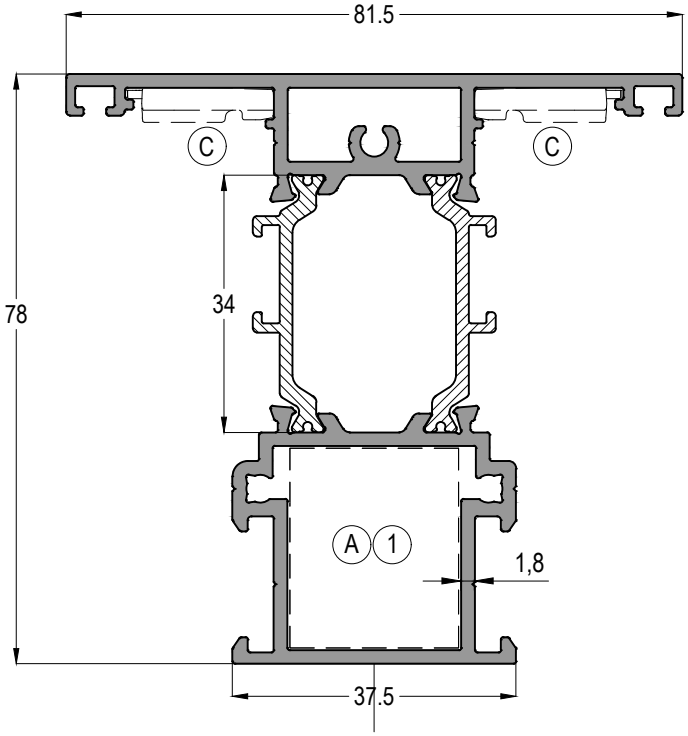


TH78 03	Jx cm⁴	Jy cm⁴
	60,71	26,87
A ASI-KT 2660~ASI-PB 2660 / B ASI-KT 2308 / C ASI-FUJI 2000 / E ASI-SB 19.1	AĞIRLIK / Weight	
	1,782 kg/mt	

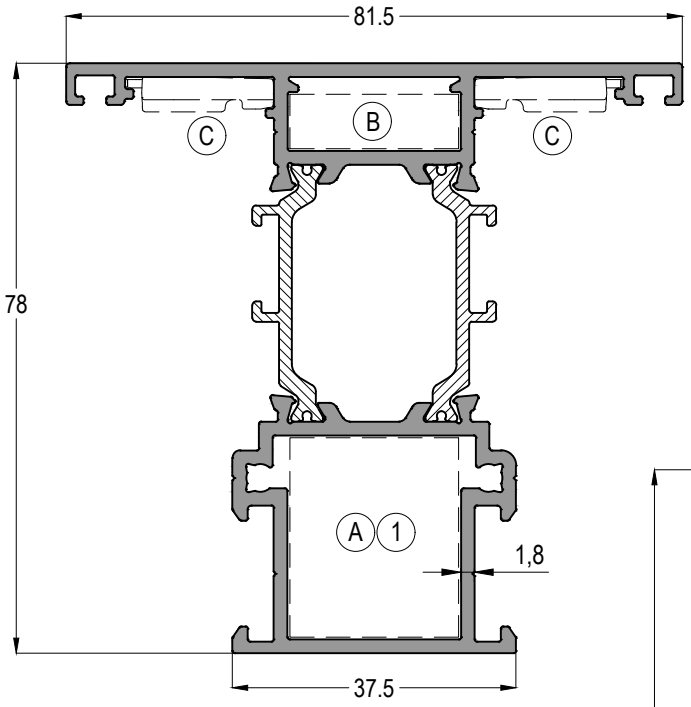


TH78 04	Jx cm⁴	Jy cm⁴
	54,05	18,25
A ASI-KT 2660~ASI-PB 2660 / B ASI-KT 2308 / C ASI-FUJI 2000 / E ASI-SB 19.1	AĞIRLIK / Weight	
	1,736 kg/mt	

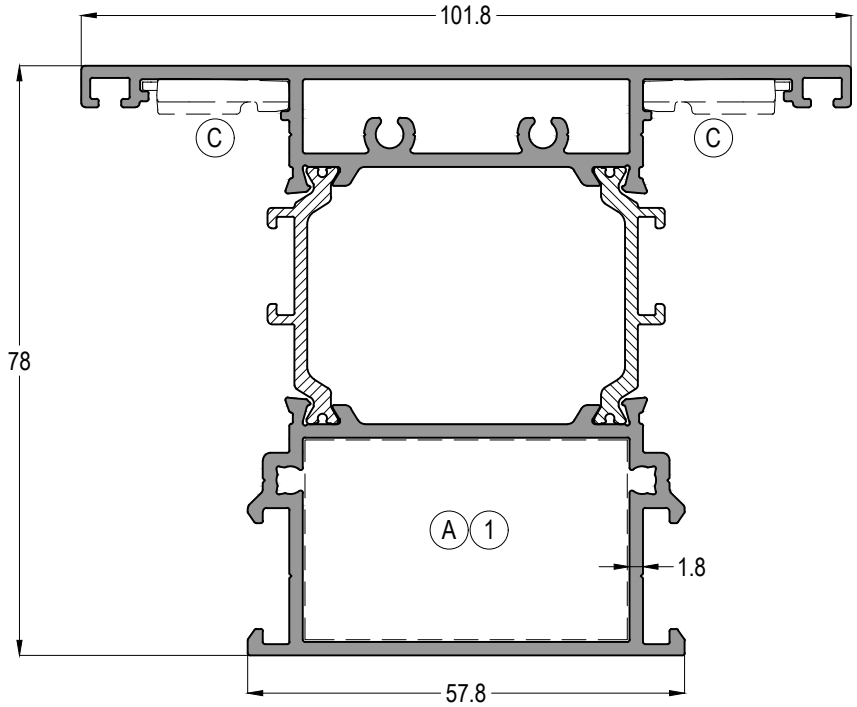
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.



TH78 21	Jx cm⁴	Jy cm⁴
	51,99	18,69
A: ASI-KT 2660~ASI-PB 2660 / C: ASI-FUJI 2000 / 1: ASI-DB 9123	AĞIRLIK / Weight	
	1,835 kg/mt	

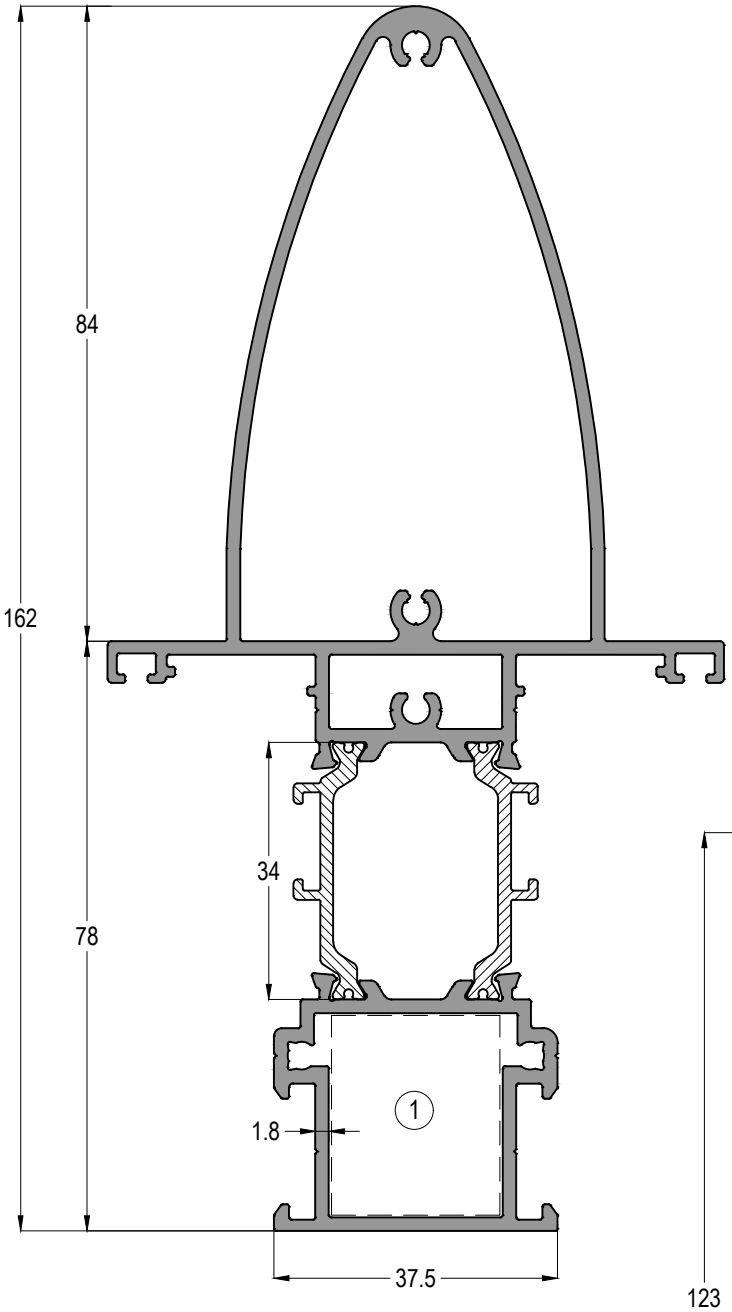


TH78 22	Jx cm⁴	Jy cm⁴
	51,41	18,72
A: ASI-KT 2660~ASI-PB 2660 / B: ASI-KT 2308 / C: ASI-FUJI 2000 / 1: ASI-DB 9123	AĞIRLIK / Weight	
	1,798 kg/mt	

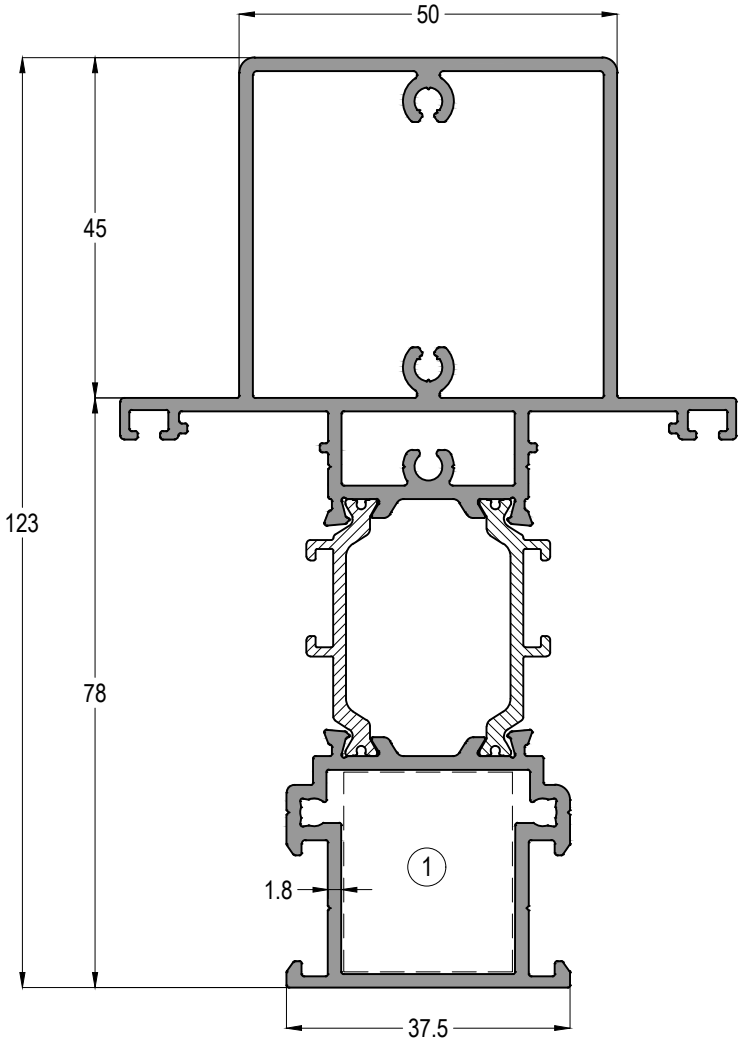


TH78 23	Jx cm⁴	Jy cm⁴
	66,23	47,51
A: ASI-KT 2650~ASI-PB 2650 / C: ASI-FUJI 2000 / 1: ASI-DB 9143	AĞIRLIK / Weight	
	2,250 kg/mt	

Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

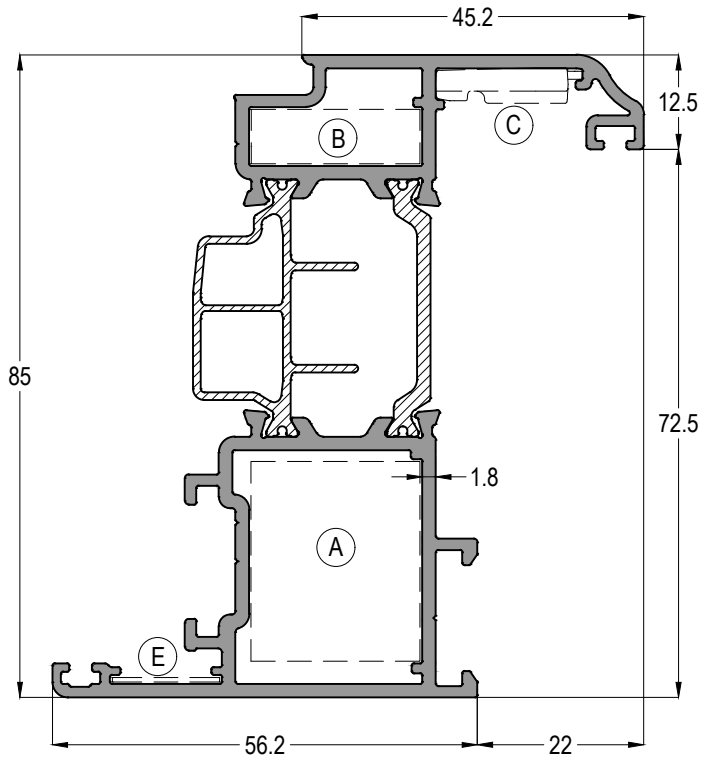


TH78 24		Jx cm⁴	Jy cm⁴
		223,24	29,97
	① ASI-DB 9123	AĞIRLIK / Weight	
		2,856 kg/mt	

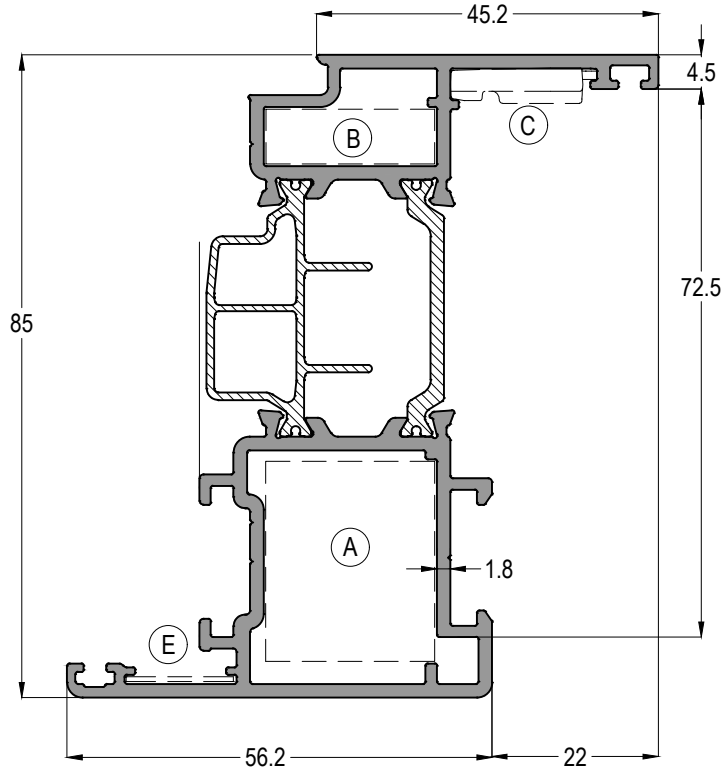


TH78 25		Jx cm⁴	Jy cm⁴
		135,67	29,50
	① ASI-DB 9123	AĞIRLIK / Weight	
		2,626 kg/mt	

Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.



TH78 11	Jx cm⁴	Jy cm⁴
	63,31	19,21
A / B / C / E	AĞIRLIK / Weight	
ASI-KT 2660~ASI-PB 2660 / ASI-KT 2308 / ASI-FUJI 2000 / ASI-SB 19.1	1,882 kg/mt	

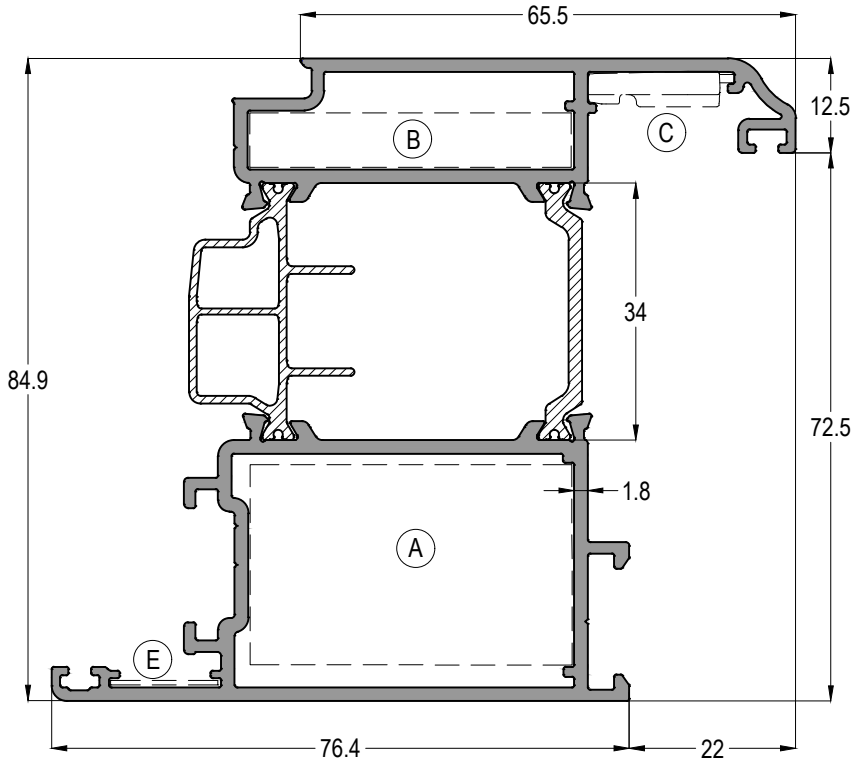


TH78 18	Jx cm⁴	Jy cm⁴
	62,90	17,32
A / B / C / E	AĞIRLIK / Weight	
ASI-KT 2660~ASI-PB 2660 / ASI-KT 2308 / ASI-FUJI 2000 / ASI-SB 19.1	1,867 kg/mt	

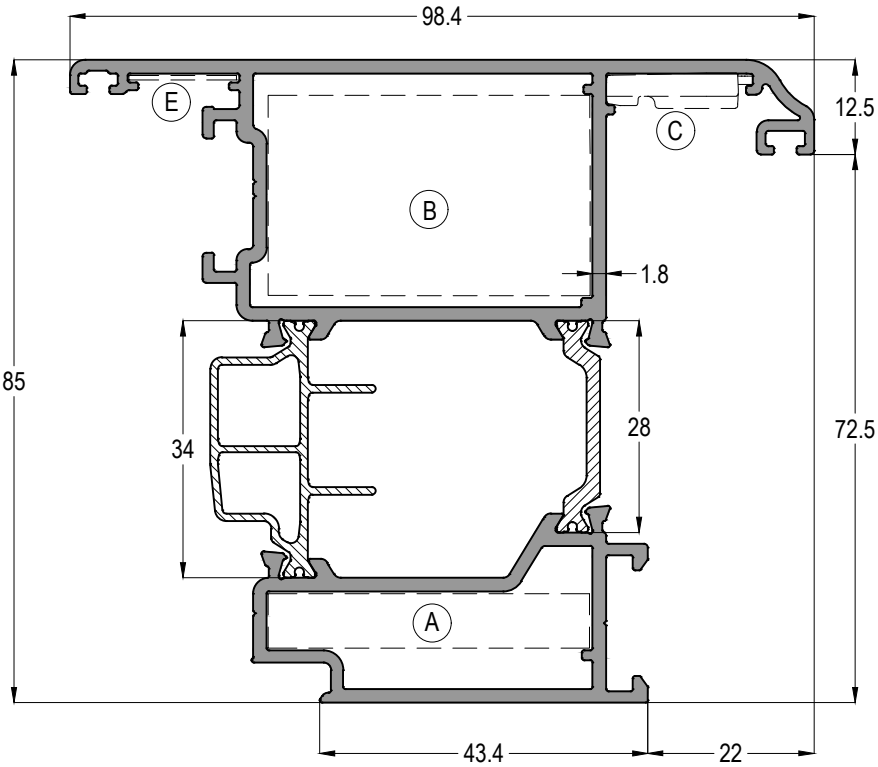
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

TH78 - THS78

YALITIMLI KAPI-PENCERE SİSTEMİ
THERMAL WINDOW&DOOR SYSTEM



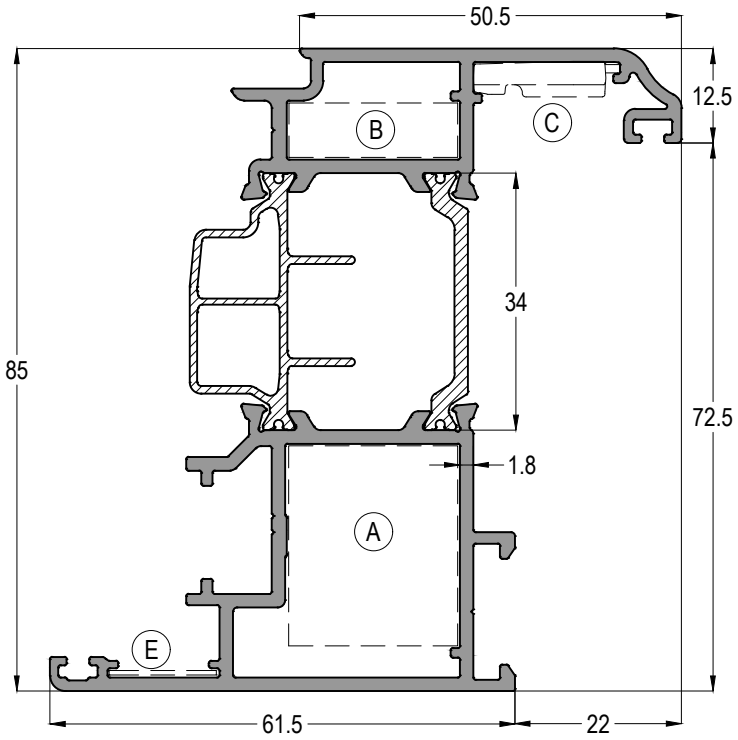
TH78 12	Jx cm⁴	Jy cm⁴
	78,72	48,38
A B C E ASI-KT 2650~ASI-PB 2650 / ASI-KT 4308 / ASI-FUJI 2000 / ASI-SB 19.1	AĞIRLIK / Weight	
	2,276 kg/mt	



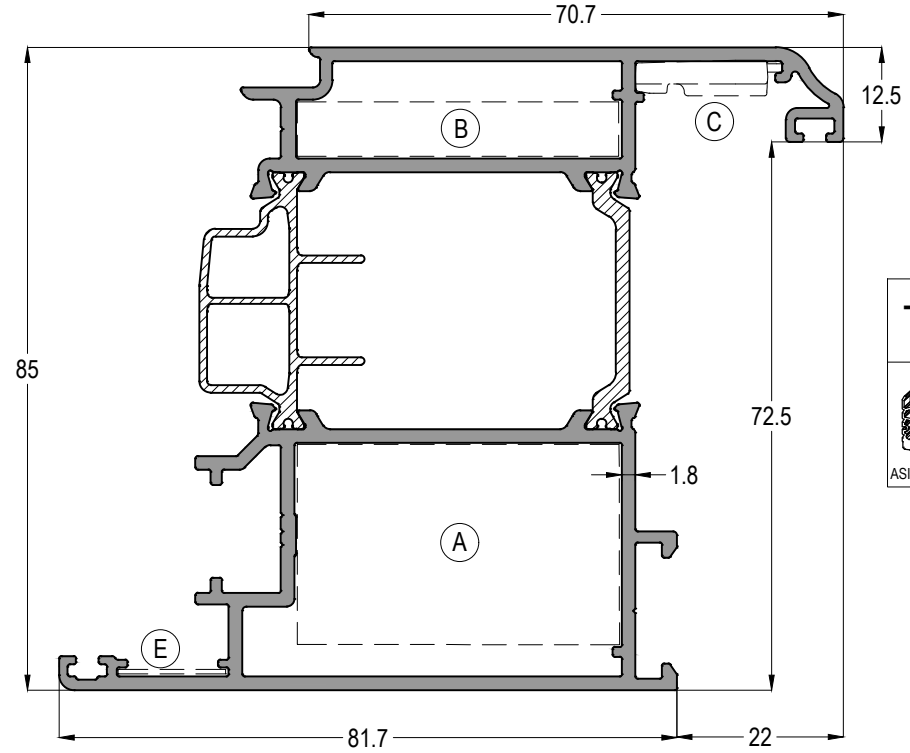
TH78 13	Jx cm⁴	Jy cm⁴
	77,57	48,50
B A C E ASI-KT 2650~ASI-PB 2650 / ASI-KT 4308 / ASI-FUJI 2000 / ASI-SB 19.1	AĞIRLIK / Weight	
	2,320 kg/mt	

Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

ÇOK NOKTADAN KİLİTLEME KANAT PROFİLLERİ
MULTI POINT LOCK SASH PROFILES



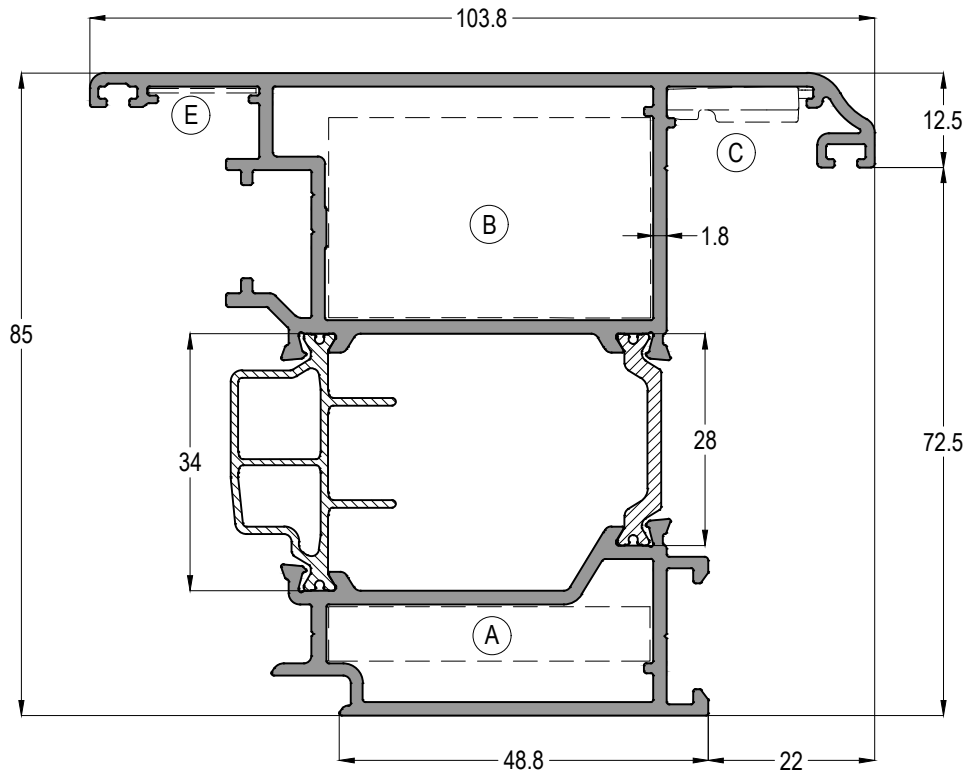
TH78 14	Jx cm⁴	Jy cm⁴
	67,53	24,33
A: ASI-KT 2660~ASI-PB 2660 / B: ASI-KT 2308 / C: ASI-FUJI 2000 / E: ASI-SB 19.1	AĞIRLIK / Weight	
	2,002 kg/mt	



TH78 15	Jx cm⁴	Jy cm⁴
	82,88	57,68
A: ASI-KT 2650~ASI-PB 2650 / B: ASI-KT 4308 / C: ASI-FUJI 2000 / E: ASI-SB 19.1	AĞIRLIK / Weight	
	2,396 kg/mt	

Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

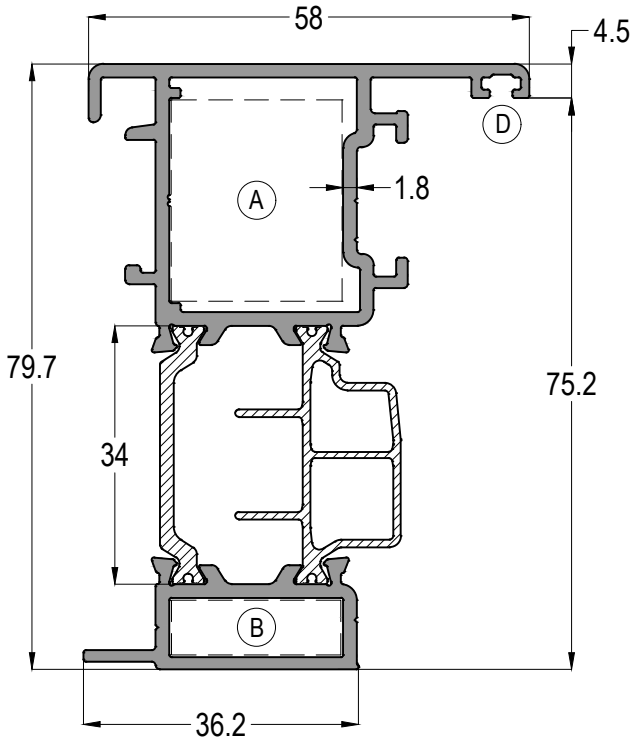
ÇOK NOKTADAN KİLİTLEME KANAT PROFİLLERİ
MULTI POINT LOCK SASH PROFILES



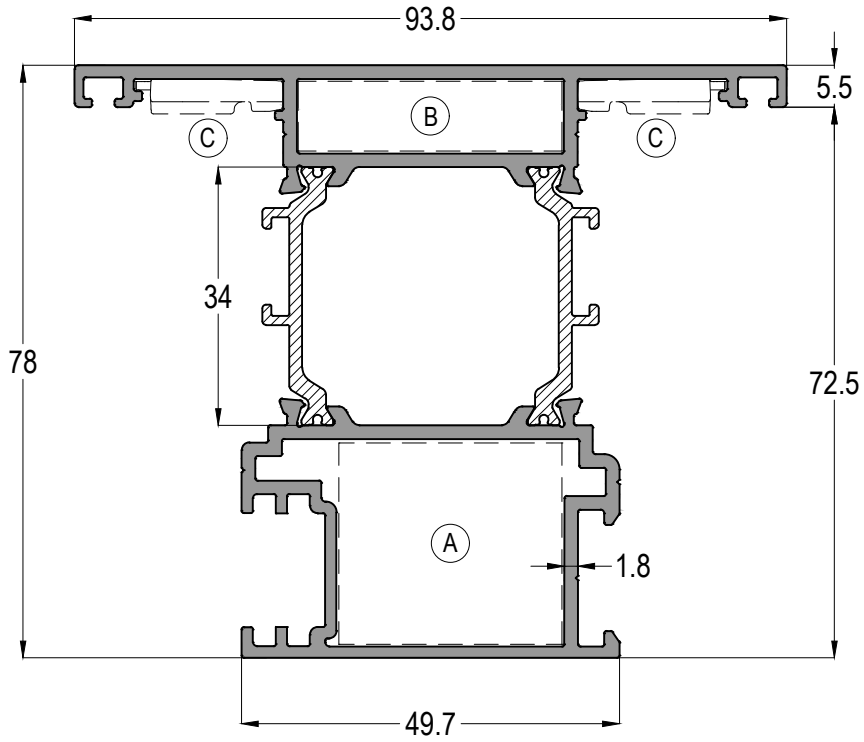
TH78 16				Jx cm⁴	Jy cm⁴
				81,87	58,04
B	A	C	E	AĞIRLIK / Weight	
ASI-KT 2650~ASI-PB 2650	ASI-KT 4308	ASI-FUJI 2000	ASI-SB 19.1	2,442 kg/mt	

Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

PİVOT AÇILIM KANAT PROFİLLERİ
PIVOT OPENING PROFILES

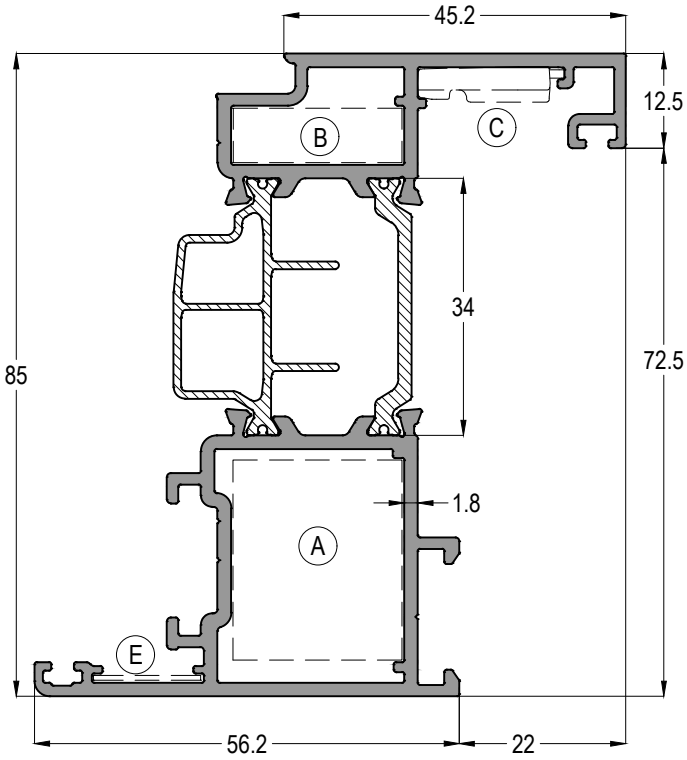


TH78 150		Jx cm⁴	Jy cm⁴
		50,21	11,58
A ASI-KT 2660~ASI-PB 2660	B ASI-KT 2308	AĞIRLIK / Weight	
		1,679 kg/mt	

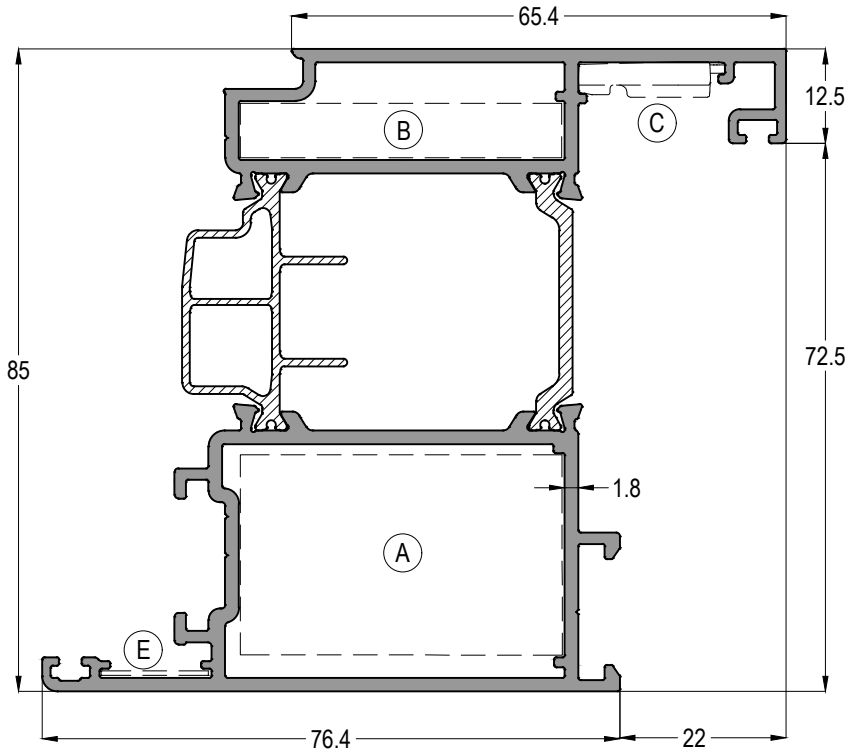


TH78 149				Jx cm⁴	Jy cm⁴
				56,55	28,93
A ASI-KT 2926	B ASI-KT 2909	C ASI-FUJI 2000	1 ASI-DB 9123	AĞIRLIK / Weight	
				2,027 kg/mt	

THS SERİSİ DÜZ KANAT PROFİLLERİ
THS SERIES FLAT SASH PROFILES



THS78 11	Jx cm⁴	Jy cm⁴
	64,56	20,31
A B C E ASI-KT 2660~ASI-PB 2660 / ASI-KT 2308 / ASI-FUJI 2000 / ASI-SB 19.1	AĞIRLIK / Weight	
	1,896 kg/mt	

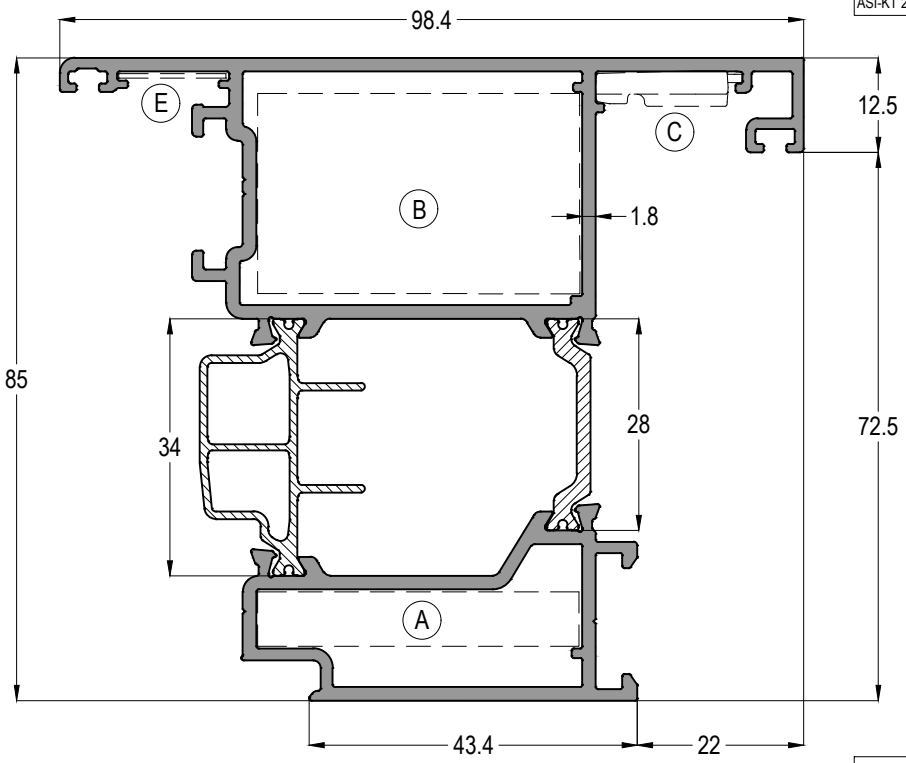


THS78 12	Jx cm⁴	Jy cm⁴
	79,89	50,09
A B C E ASI-KT 2650~ASI-PB 2650 / ASI-KT 4308 / ASI-FUJI 2000 / ASI-SB 19.1	AĞIRLIK / Weight	
	2,290 kg/mt	

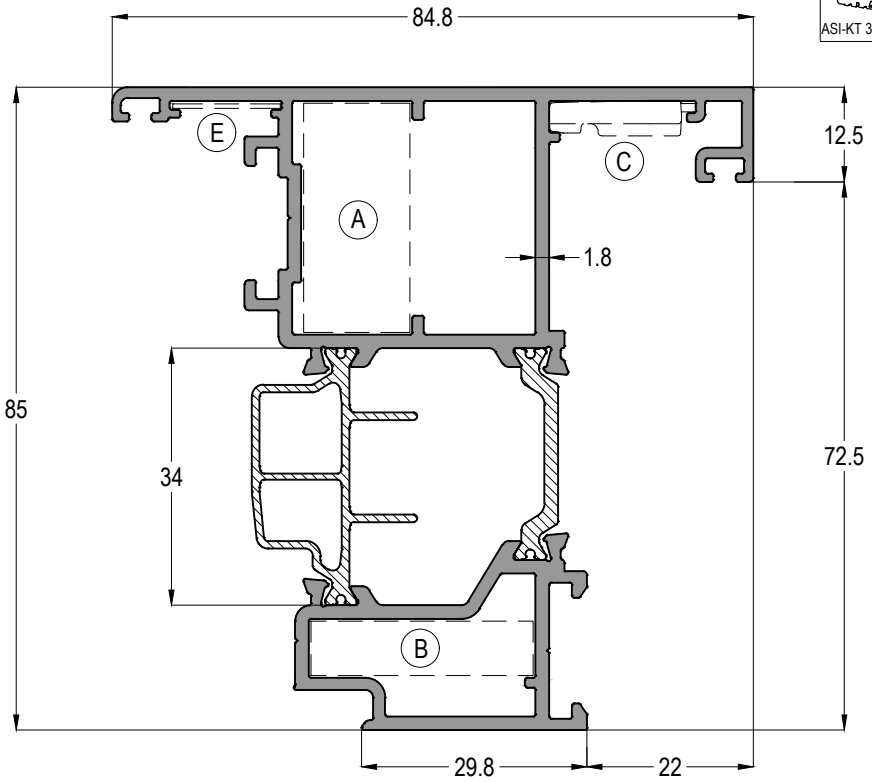
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

THS SERİSİ DÜZ KANAT PROFİLLERİ
THS SERIES FLAT SASH PROFILES

THS78 13				Jx cm⁴	Jy cm⁴
				78,73	50,17
B	A	C	E	AĞIRLIK / Weight	
ASI-KT 2650~ASI-PB 2650	ASI-KT 4308	ASI-FUJI 2000	ASI-SB 19.1	2,312 kg/mt	



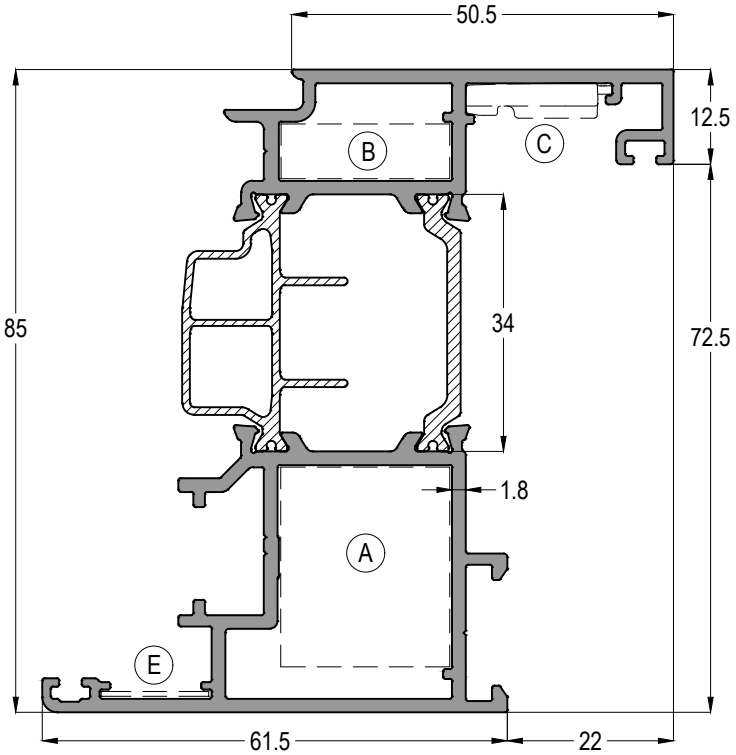
THS78 17				
A	B	C	E	AĞIRLIK / Weight
ASI-KT 3007~ASI-PB 4111	ASI-KT 1430	ASI-FUJI 2000	ASI-SB 19.1	2,087 kg/mt



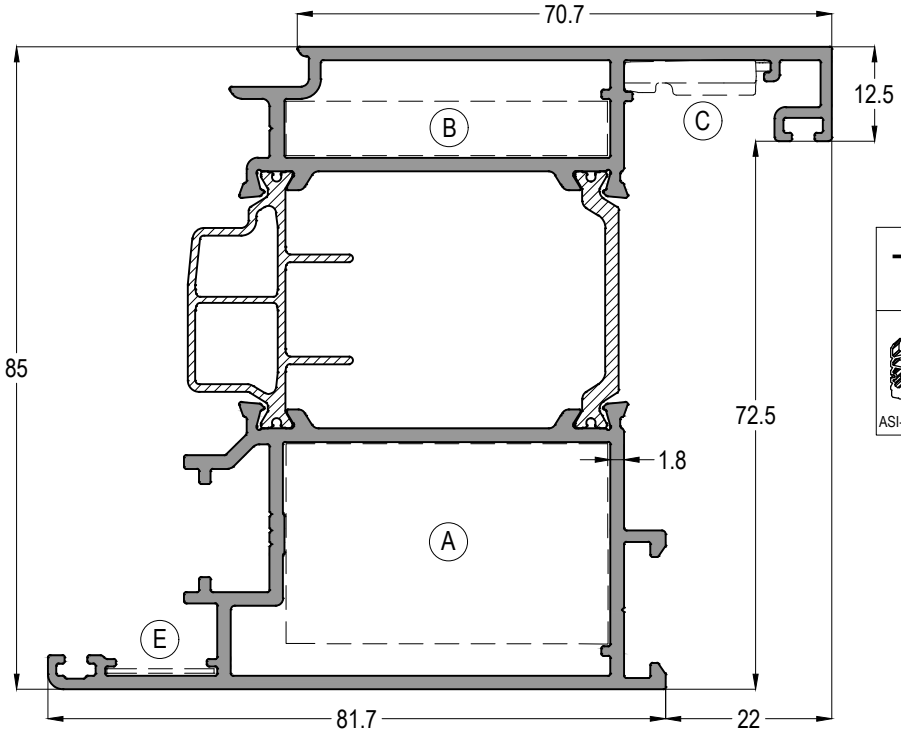
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

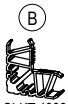
THS SERİSİ ÇOK NOKTADAN KİLİTLEME KANAT PROFİLLERİ

THS SERIES MULTI POINT LOCK SASH PROFILES



THS78 14				Jx cm⁴	Jy cm⁴
				68,77	25,58
A	B	C	E	AĞIRLIK / Weight	
 ASI-KT 2660~ASI-PB 2660	 ASI-KT 2308	 ASI-FUJI 2000	 ASI-SB 19.1	2,016 kg/mt	

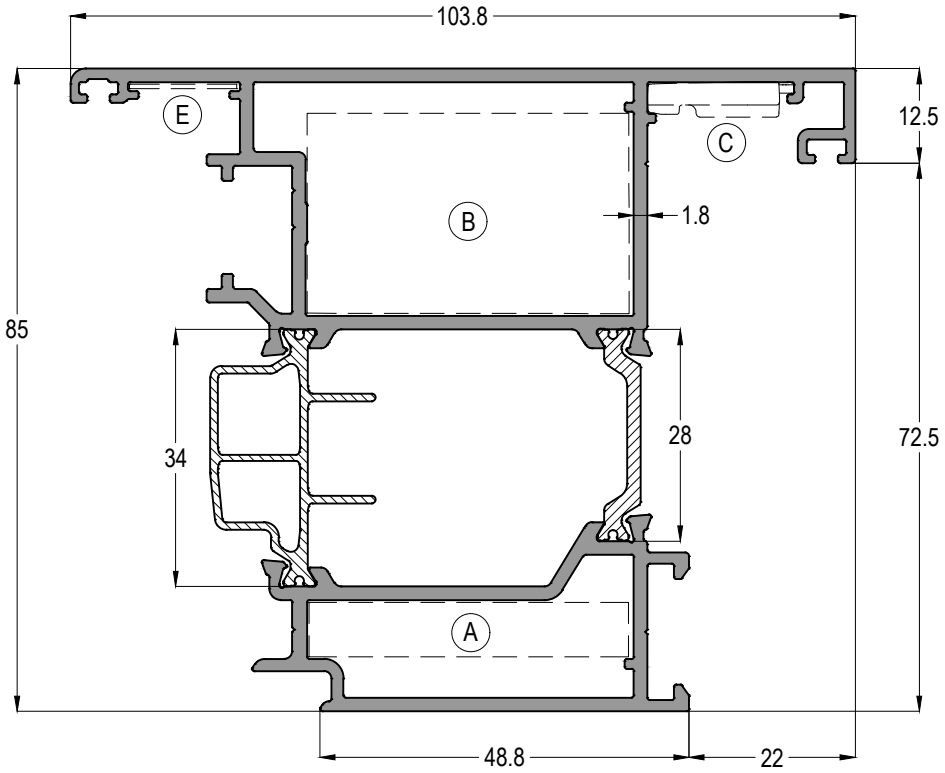


THS78 15				Jx cm⁴	Jy cm⁴
				84,10	59,64
A	B	C	E	AĞIRLIK / Weight	
 ASI-KT 2650~ASI-PB 2650	 ASI-KT 4308	 ASI-FUJI 2000	 ASI-SB 19.1	2,410 kg/mt	

Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

THS SERİSİ ÇOK NOKTADAN KİLİTLEME KANAT PROFİLLERİ

THS SERIES MULTI POINT LOCK SASH PROFILES

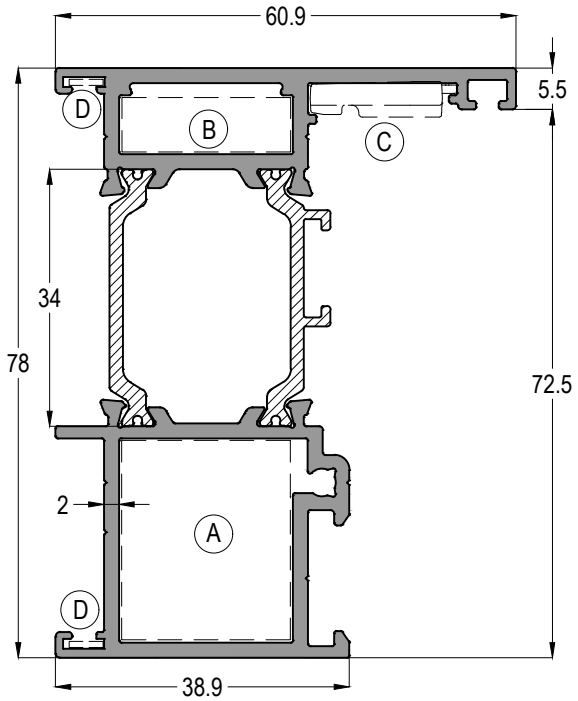


THS78 16				Jx cm⁴	Jy cm⁴
				83,01	59,94
B	A	C	E	AĞIRLIK / Weight	
ASI-KT 2650~ASI-PB 2650	ASI-KT 4308	ASI-FUJI 2000	ASI-SB 19.1	2,432 kg/mt	

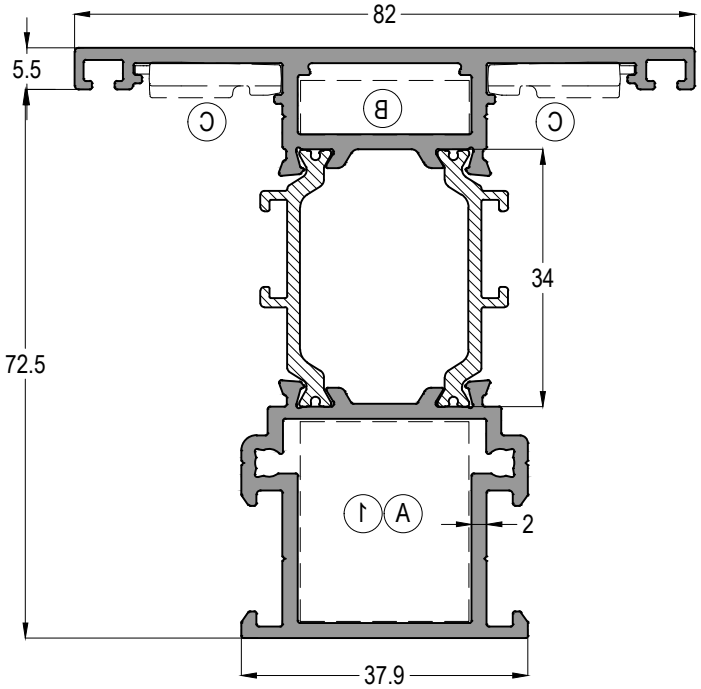
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

2 mm ET KALINLIĞINDA SİSTEM PROFİLLERİ

2 mm THICKNESS SYSTEM PROFILES



TH78 201	Jx cm⁴	Jy cm⁴
	48,58	12,14
A ASI-KT 2660~ASI-PB 2660 / B ASI-KT 2308 / C ASI-FUJI 2000 / D ASI-SB 19	AĞIRLIK / Weight	
	1,704 kg/mt	

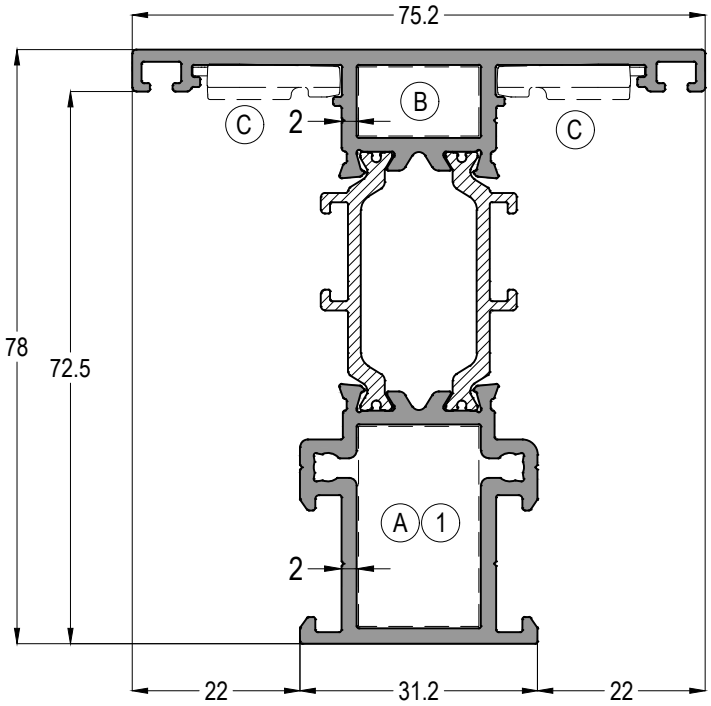


TH78 222	Jx cm⁴	Jy cm⁴
	53,72	18,02
A ASI-KT 2660~ASI-PB 2660 / B ASI-KT 2308 / C ASI-FUJI 2000 / 1 ASI-DB 9123	AĞIRLIK / Weight	
	1,906 kg/mt	

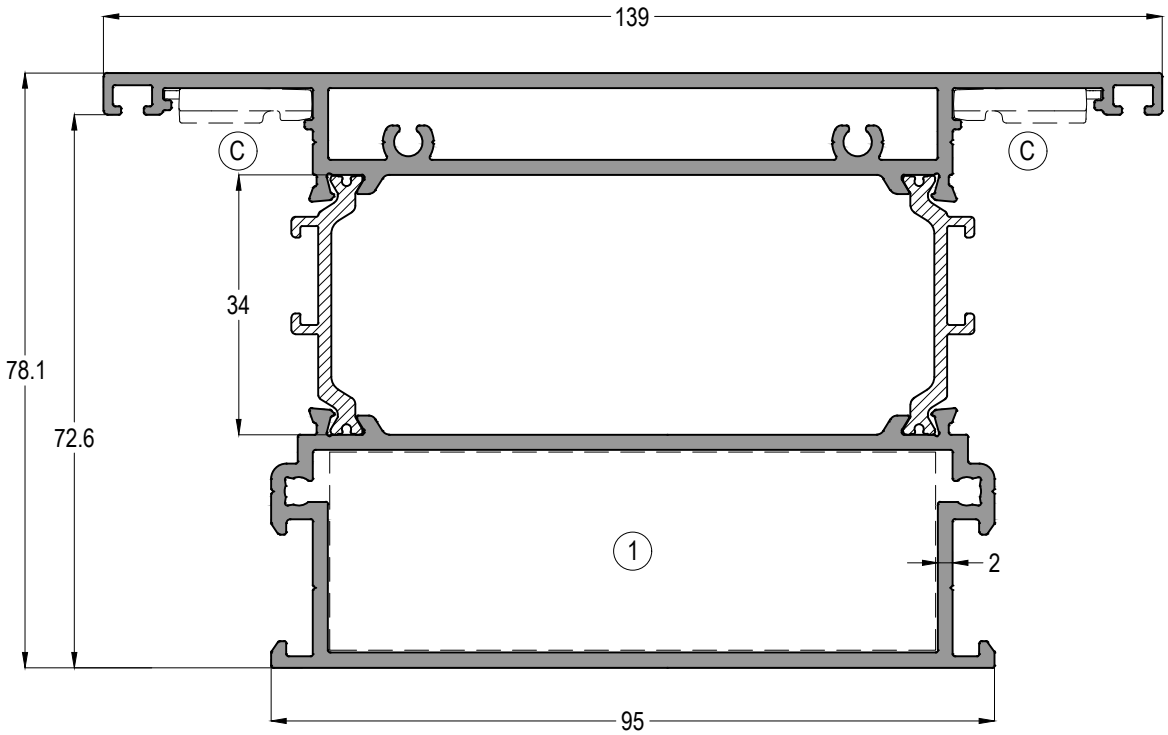
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

2 mm ET KALINLIĞINDA SİSTEM PROFİLLERİ

2 mm THICKNESS SYSTEM PROFILES



TH78 226				Jx cm⁴	Jy cm⁴
				40,30	13,88
A ASI-KT 1626	B ASI-KT 1609	C ASI-FUJI 2000	1 ASI-DB 9116	AĞIRLIK / Weight	
				1,735 kg/mt	

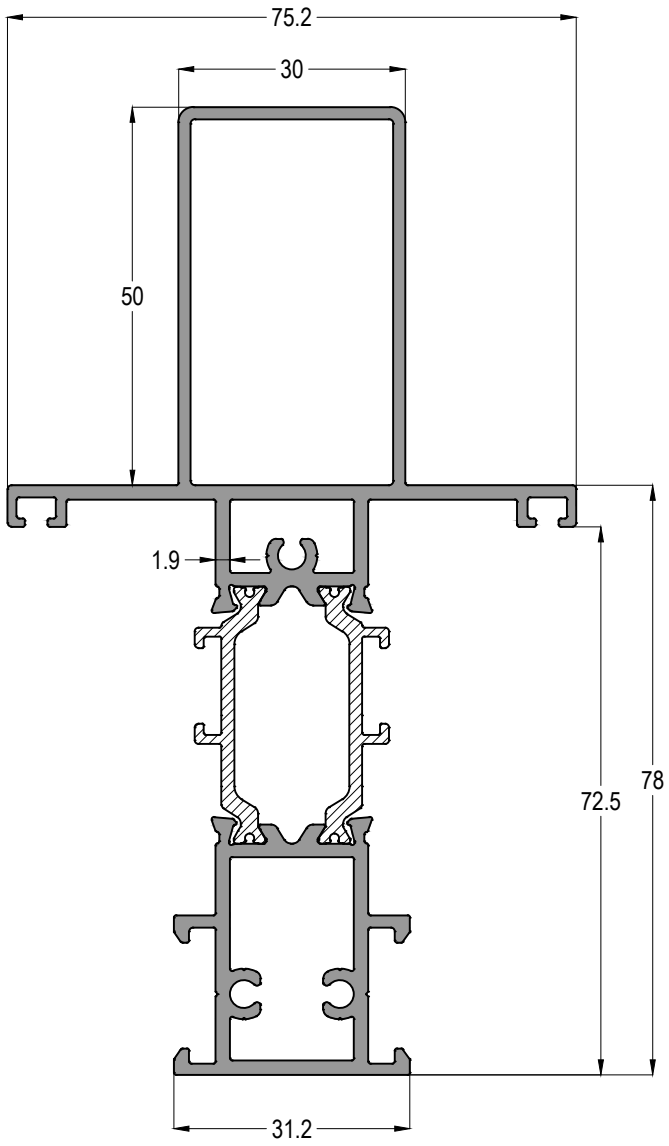


TH78 229		Jx cm⁴	Jy cm⁴
		96,69	133,45
1 ASI-DB 9180	C ASI-FUJI 2000	AĞIRLIK / Weight	
		3,228 kg/mt	

Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

2 mm ET KALINLIĞINDA SİSTEM PROFİLLERİ

2 mm THICKNESS SYSTEM PROFILES

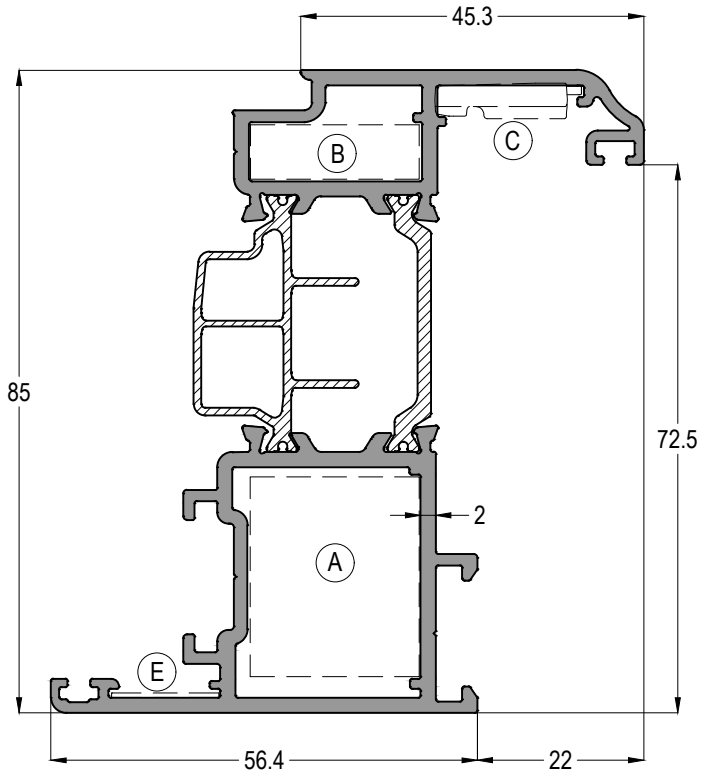


TH78 225	Jx cm⁴	Jy cm⁴
	119,24	16,41
	AĞIRLIK / Weight	
	2,280 kg/mt	

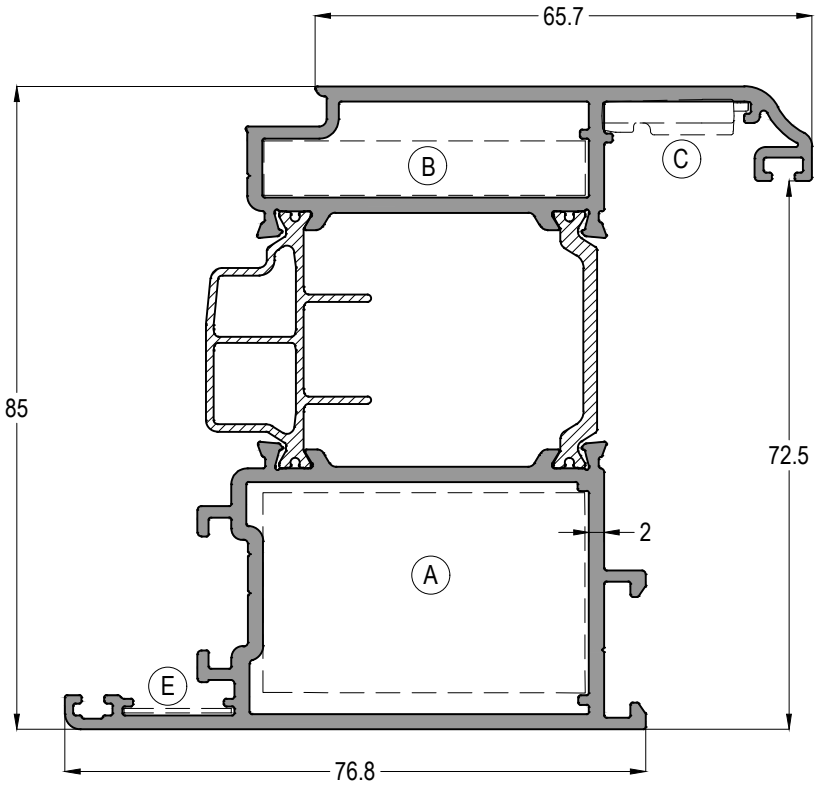
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

2 mm ET KALINLIĞINDA SİSTEM PROFİLLERİ

2 mm THICKNESS SYSTEM PROFILES



TH78 211				Jx cm⁴	Jy cm⁴
				63,31	19,21
A	B	C	E	AĞIRLIK / Weight	
ASI-KT 2660~ASI-PB 2660	ASI-KT 2308	ASI-FUJI 2000	ASI-SB 19.1	1,971 kg/mt	

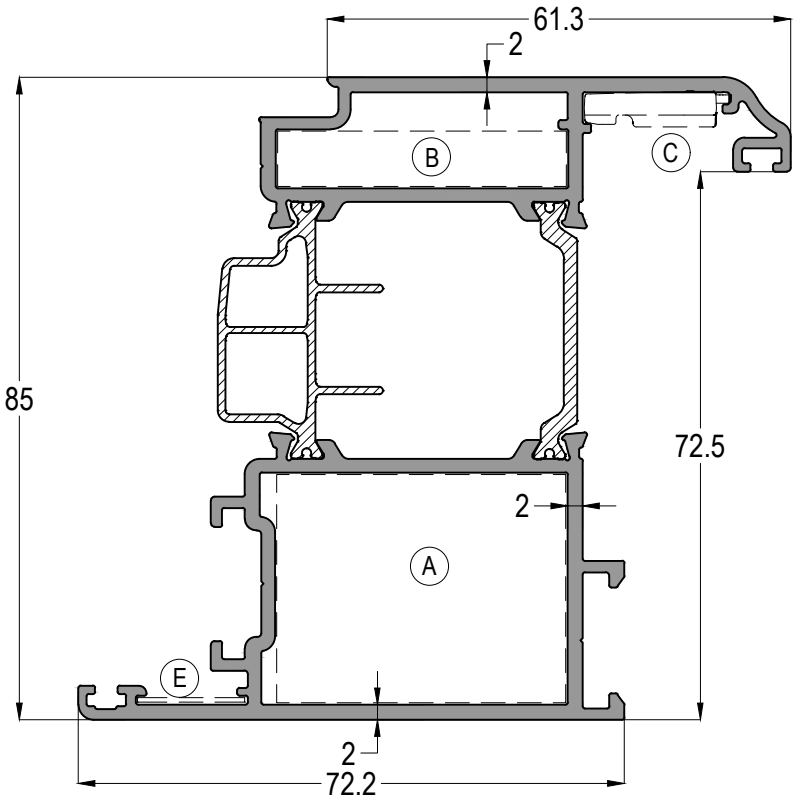


TH78 212				Jx cm⁴	Jy cm⁴
				84,00	50,54
A	B	C	E	AĞIRLIK / Weight	
ASI-KT 2650~ASI-PB 2650	ASI-KT 4308	ASI-FUJI 2000	ASI-SB 19.1	2,403 kg/mt	

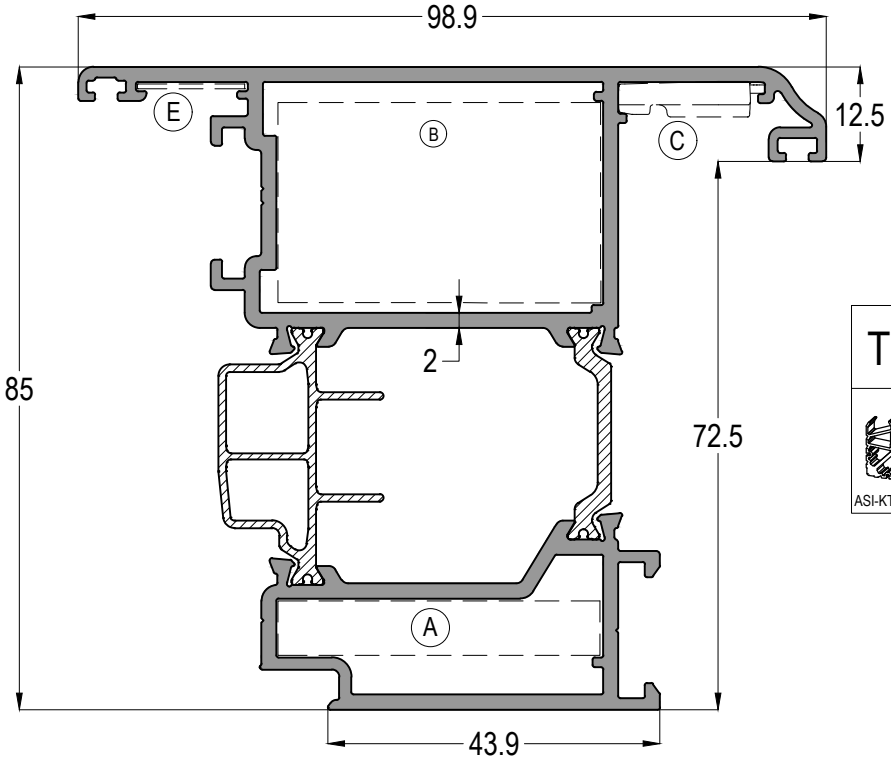
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

2 mm ET KALINLIĞINDA SİSTEM PROFİLLERİ

2 mm THICKNESS SYSTEM PROFILES



TH78 215				Jx cm⁴	Jy cm⁴
				34,13	27,60
A	B	C	E	AĞIRLIK / Weight	
ASI-KT 3830	ASI-KT 3807	ASI-FUJI 2000	ASI-SB 19.1	2,265 kg/mt	

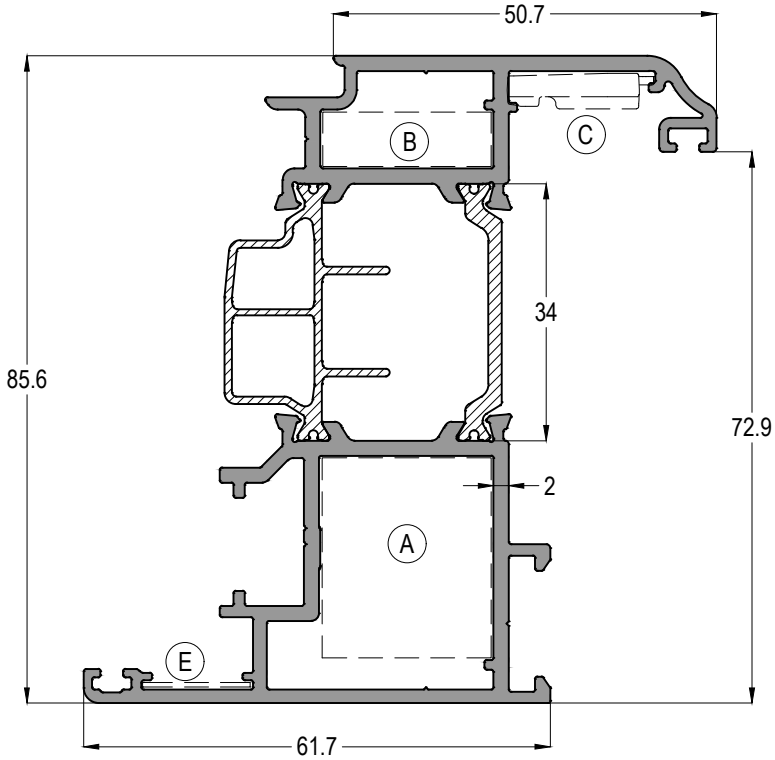


TH78 213					
		A	C	E	AĞIRLIK / Weight
ASI-KT 2650~ASI-PB 2650		ASI-KT 4308	ASI-FUJI 2000	ASI-SB 19.1	2,460 kg/mt

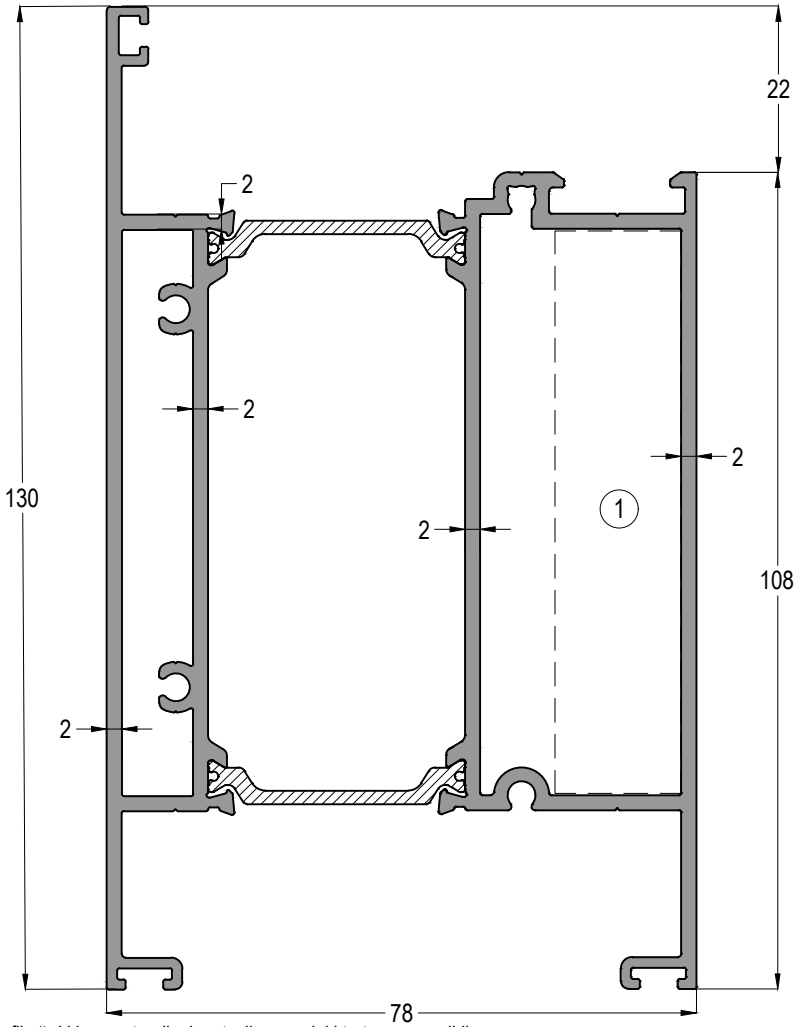
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

2 mm ET KALINLIĞINDA SİSTEM PROFİLLERİ

2 mm THICKNESS SYSTEM PROFILES



TH78 214	Jx cm⁴	Jy cm⁴
	71,36	25,10
A: ASI-KT 2660~ASI-PB 2660 / B: ASI-KT 2308 / C: ASI-FUJI 2000 / E: ASI-SB 19.1	AĞIRLIK / Weight	
	2,098 kg/mt	



TH78 231	
1: ASI-DB 9174	AĞIRLIK / Weight
	3,162 kg/mt

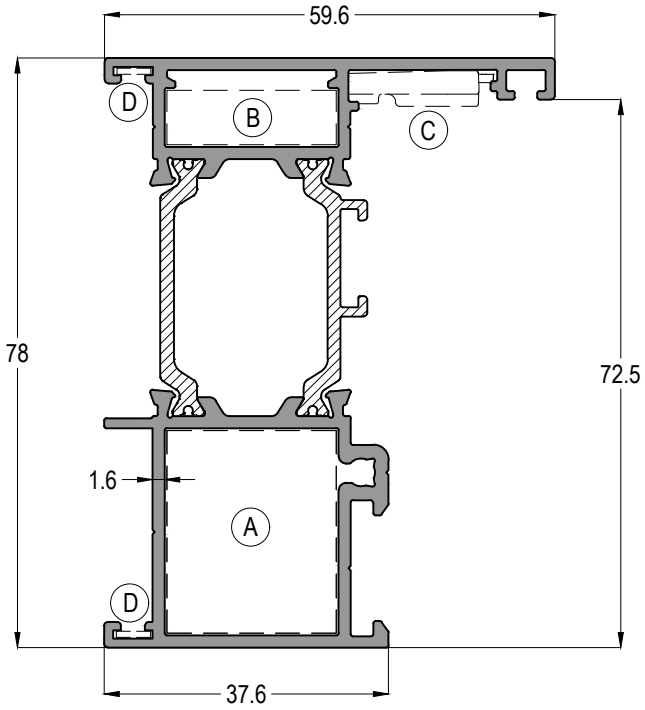
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

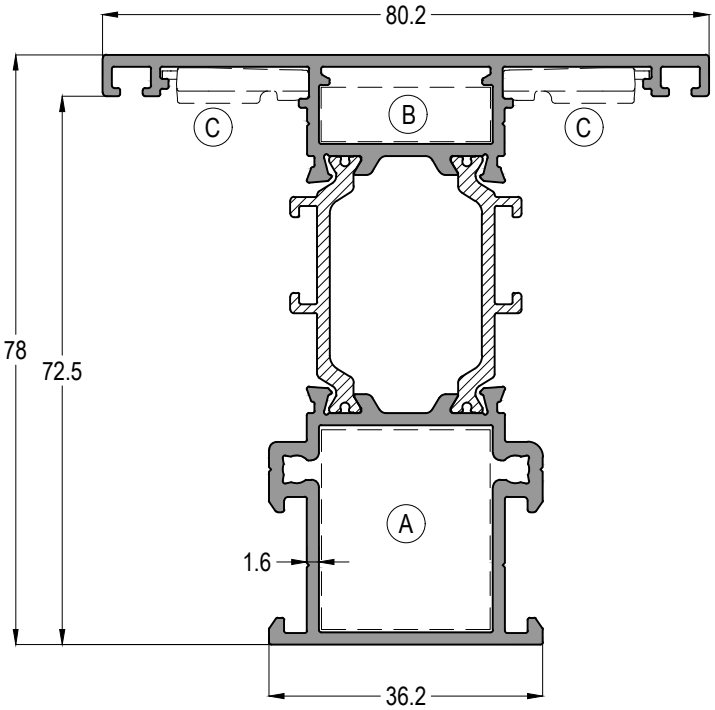
1,6 mm ET KALINLIĞINDA SİSTEM PROFİLLERİ

1,6 mm THICKNESS SYSTEM PROFILES

TH78 161

A	B	C	D	AĞIRLIK / Weight
ASI-KT 2660~ASI-PB 2660	ASI-KT 2308	ASI-FUJI 2000	ASI-SB 19	1,481 kg/mt

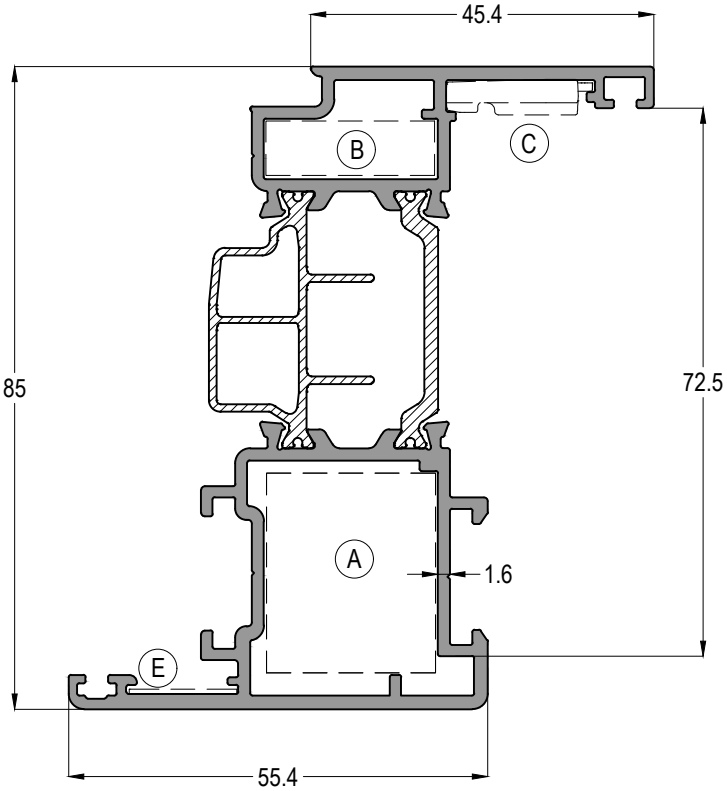




TH78 162

Jx cm⁴	Jy cm⁴
47,16	17,10

A	B	C	1	AĞIRLIK / Weight
ASI-KT 2660~ASI-PB 2660	ASI-KT 2308	ASI-FUJI 2000	ASI-DB 9123	1,654 kg/mt

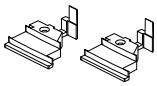


TH78 163

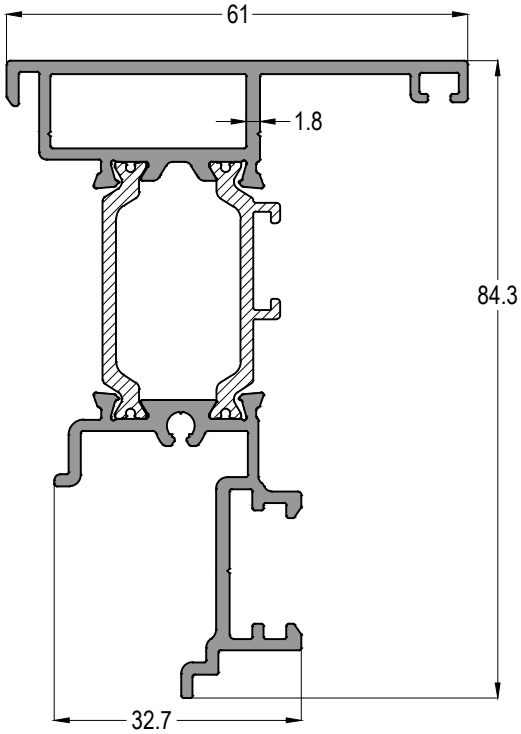
A	B	C	E	AĞIRLIK / Weight
ASI-KT 2660~ASI-PB 2660	ASI-KT 2308	ASI-FUJI 2000	ASI-SB 19.1	1,792 kg/mt

Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

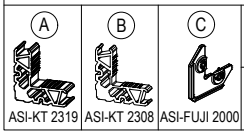
TH78 41


TH78 HOK

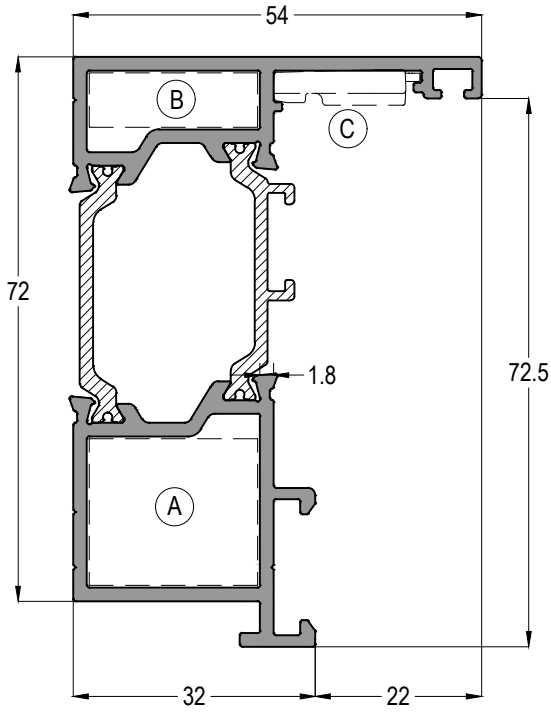
AĞIRLIK / Weight
1,388 kg/mt

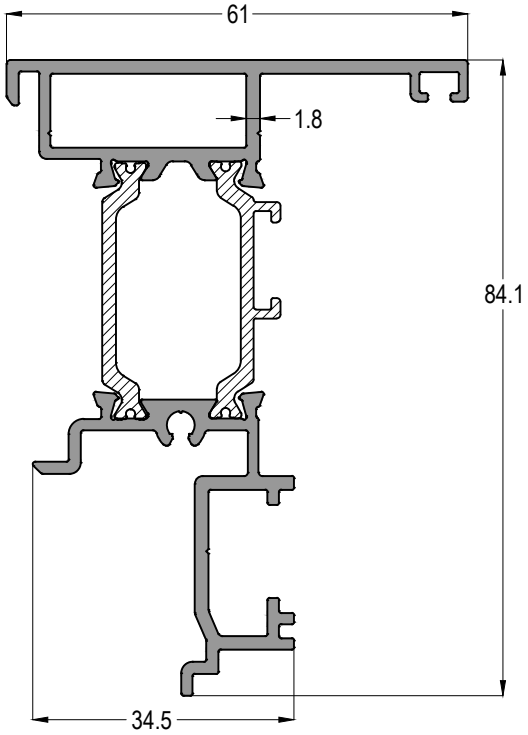


TH78 43

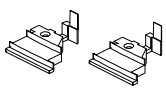


AĞIRLIK / Weight
1,473 kg/mt





TH78 42

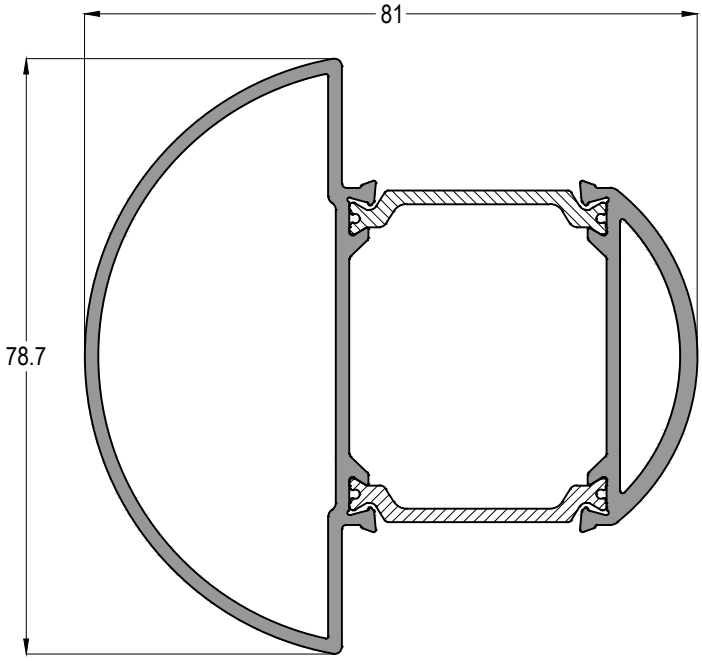

TH78 HOK

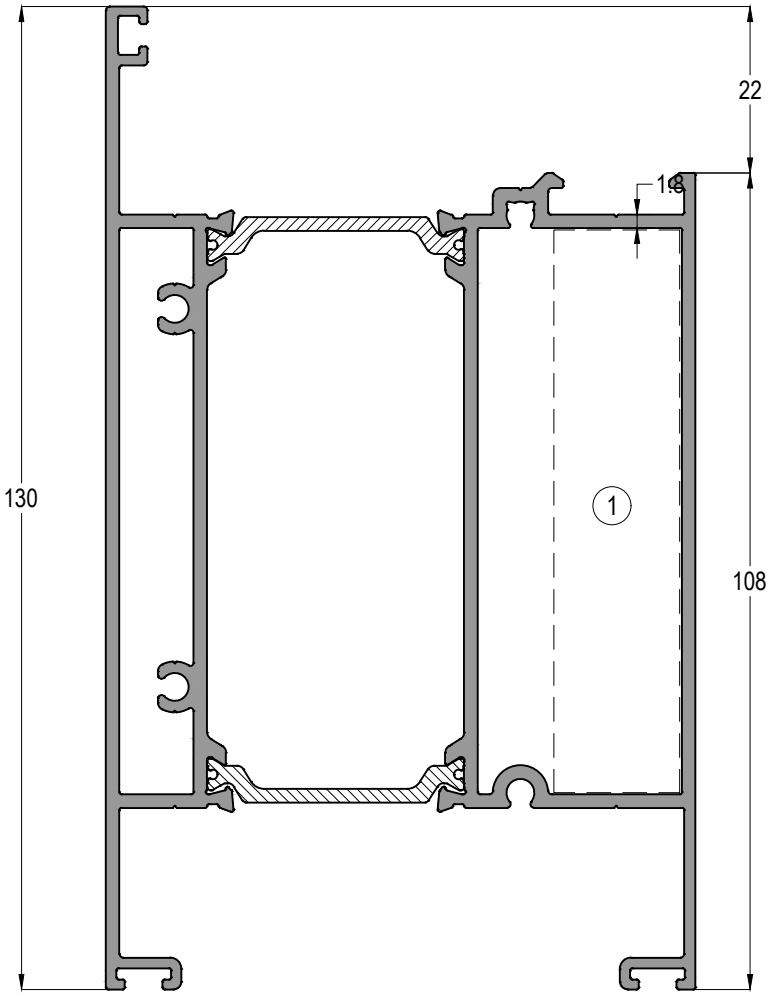
AĞIRLIK / Weight
1,418 kg/mt

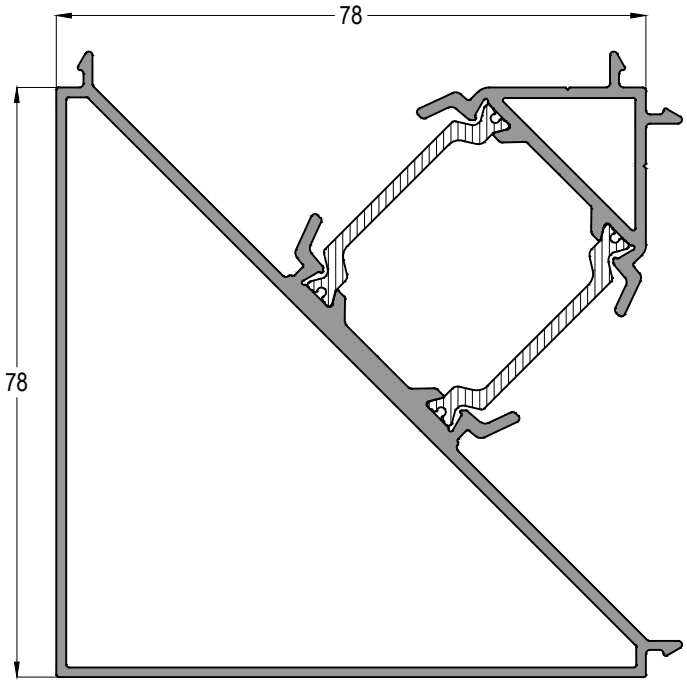
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

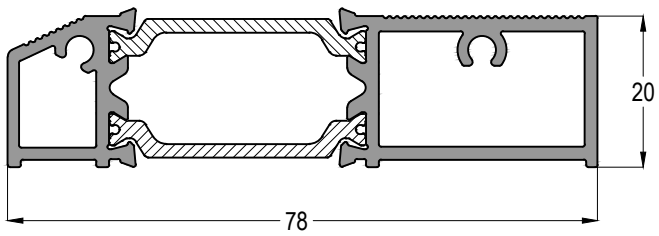
TH78 52	Jx cm⁴	Jy cm⁴
	31,05	43,95
	AĞIRLIK / Weight	
	1,761 kg/mt	

TH78 31	Jx cm⁴	Jy cm⁴
	136,54	92,88
① ASI-DB 9170	AĞIRLIK / Weight	
	2,917 kg/mt	





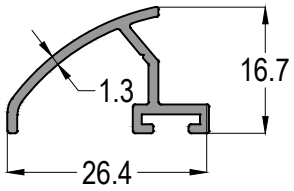




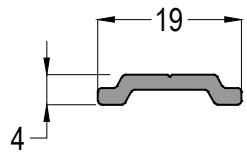
TH78 53	Jx cm⁴	Jy cm⁴
	44,84	52,74
	AĞIRLIK / Weight	
	1,911 kg/mt	

TH78 30	
	AĞIRLIK / Weight
	1,117 kg/mt

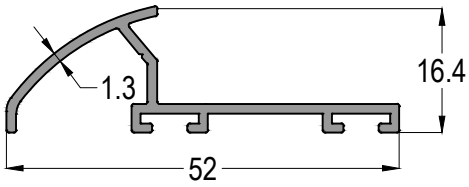
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.



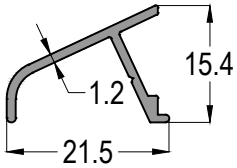
12-01
0,198 kg/mt



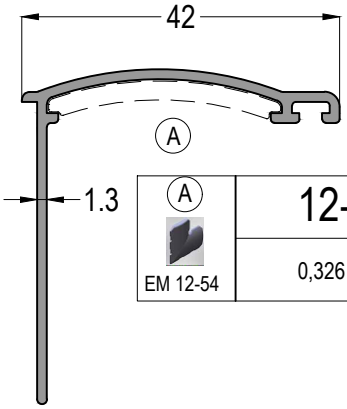
12-41
0,118 kg/mt



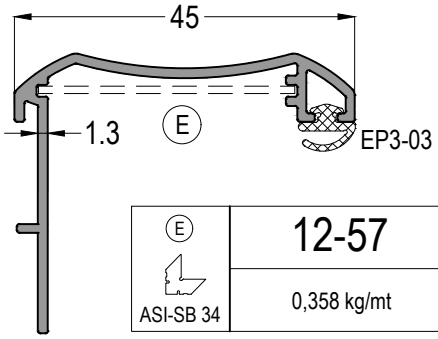
12-03
0,314 kg/mt



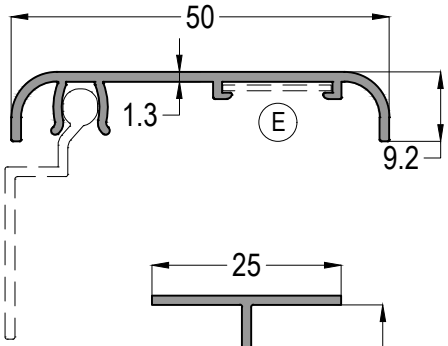
12-02
0,136 kg/mt



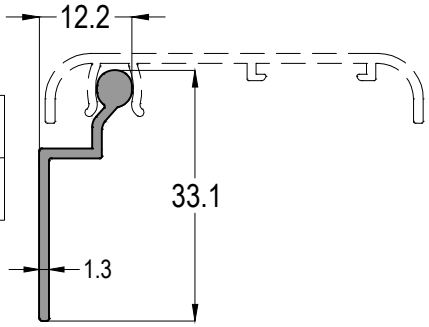
A	12-54
EM 12-54	0,326 kg/mt



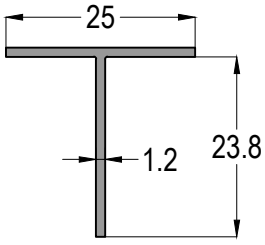
E	12-57
ASI-SB 34	0,358 kg/mt



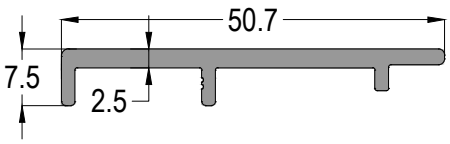
E	12-52
ASI-SB 19.1	0,279 kg/mt



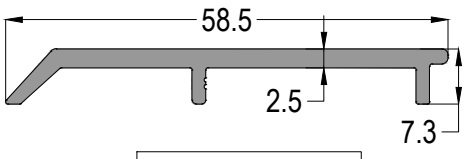
12-53
0,177 kg/mt



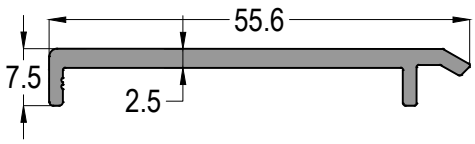
04-025025-12
0,159 kg/mt



TH78-G01
0,399 kg/mt



TH78-G02
0,442 kg/mt



TH78-G03
0,420 kg/mt

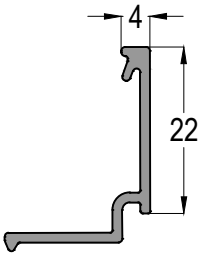
Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

ASISTAL
Aluminium Profiles Company

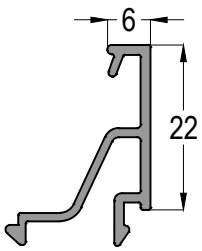
TH78 - THS78

YALITIMLI KAPI-PENCERE SİSTEMİ
THERMAL WINDOW&DOOR SYSTEM

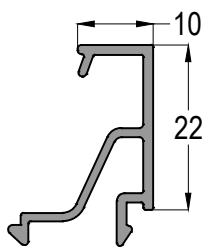
11-004
0,181 kg/mt



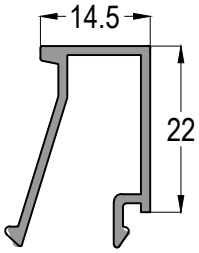
11-006
0,218 kg/mt



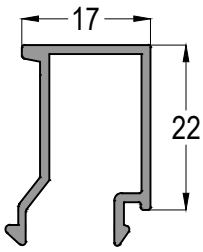
11-010
0,233 kg/mt



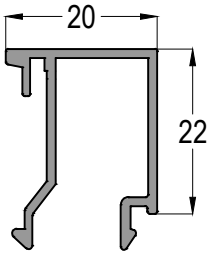
11-015
0,241 kg/mt



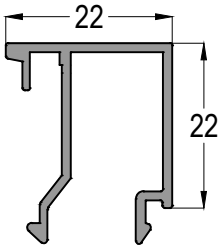
11-017
0,250 kg/mt



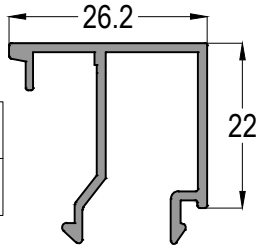
11-020
0,276 kg/mt



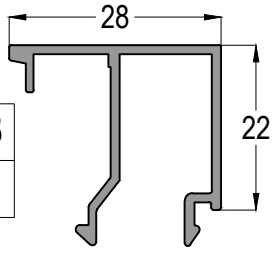
11-022
0,282 kg/mt



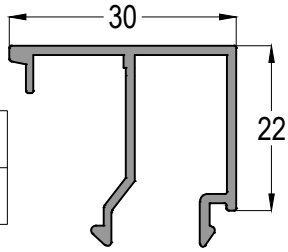
11-026
0,296 kg/mt



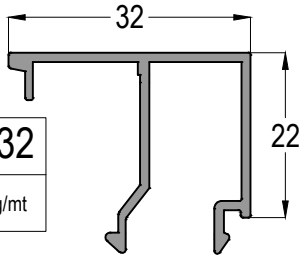
11-028
0,302 kg/mt



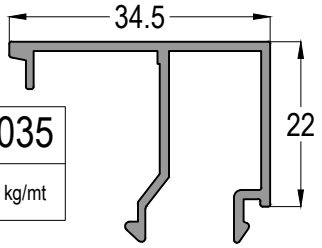
11-030
0,308 kg/mt



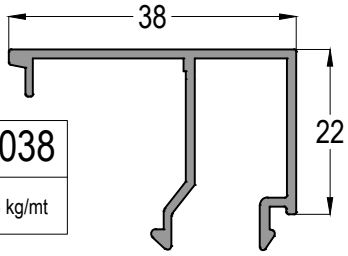
11-032
0,315 kg/mt



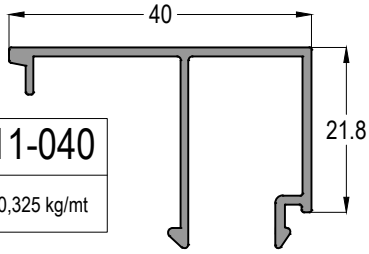
11-035
0,323 kg/mt



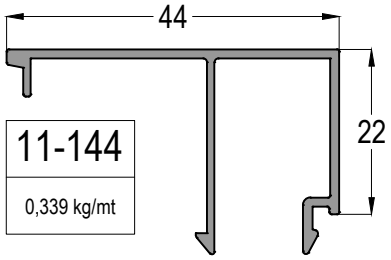
11-038
0,333 kg/mt



11-040
0,325 kg/mt



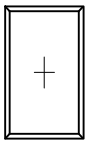
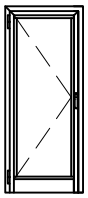
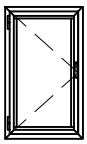
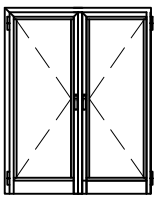
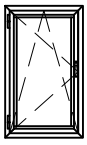
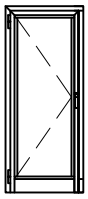
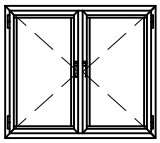
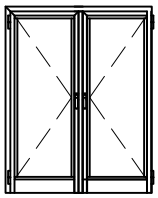
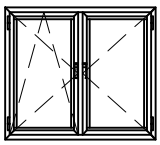
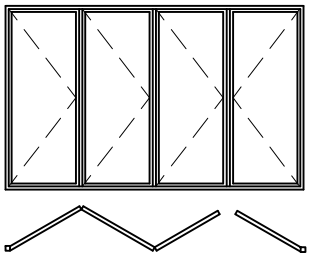
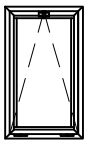
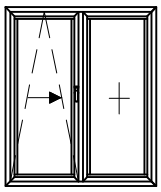
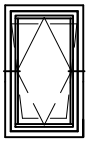
11-144
0,339 kg/mt



Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

CAM KALINLIĞINA GÖRE CAM ÇITASI SEÇİM TABLOSU Glazing Bead Selection Table according to the Glass Thickness			
CAM KALINLIĞI Glass Thickness (mm)	CAM ÇITASI Glazing Bead	İÇ CAM FİTİLİ Glass Gasket (IN)	DIŞ CAM FİTİLİ Glass Gasket (OUT)
20	11-144	EP2-03	EP1-01
24	11-040	EP2-02	EP1-01
26	11-038	EP2-03	EP1-01
28	11-038	EP2-01	EP1-01
29	11-035	KC-06	EP1-01
30	11-035	EP2-03	EP1-01
31	11-035	EP2-02	EP1-01
32	11-032	EP2-03	EP1-01
33	11-032	EP2-02	EP1-01
34	11-030	EP2-03	EP1-01
35	11-030	EP2-02	EP1-01
36	11-028	EP2-03	EP1-01
37	11-028	EP2-02	EP1-01
38	11-026	EP2-03	EP1-01
39	11-026	EP2-02	EP1-01
40	11-026	EP2-01	EP1-01
42	11-022	EP2-03	EP1-01
43	11-022	EP2-02	EP1-01
44	11-020	EP2-03	EP1-01
45	11-020	EP2-02	EP1-01
46	11-017	KC-07	EP1-01
47	11-017	EP2-03	EP1-01
48	11-017	EP2-02	EP1-01
50	11-015	EP2-03	EP1-01
52	11-015	EP2-01	EP1-01
54	11-010	EP2-03	EP1-01
55	11-010	EP2-02	EP1-01
57	11-006	KC-07	EP1-01
58	11-006	KC-06	EP1-01
59	11-006	EP2-03	EP1-01
60	11-004	KC-06	EP1-01
62	11-004	EP2-01	EP1-01

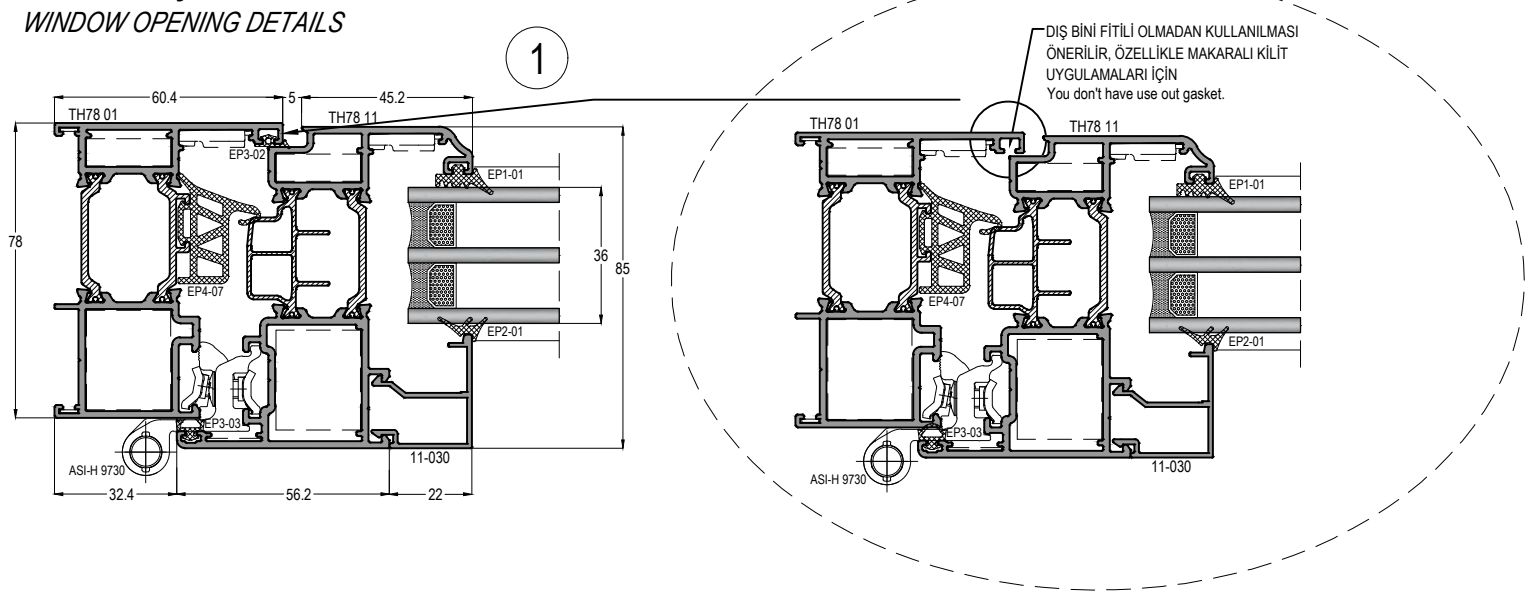
AÇILIM TİPLERİ - *OPENING TYPES*

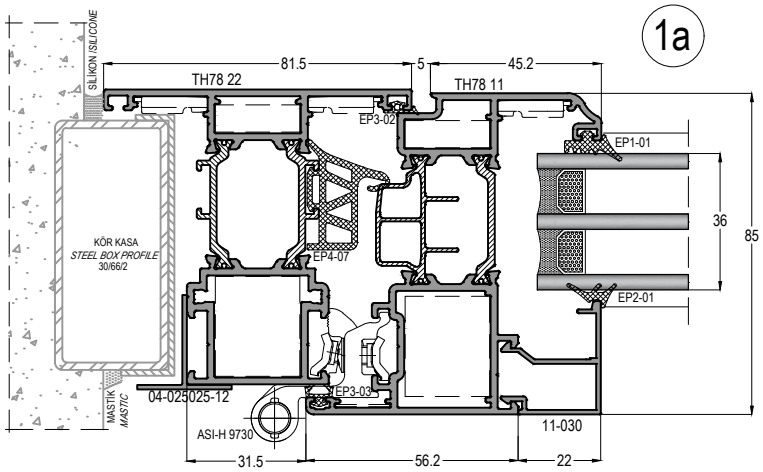
 SABİT *FIXED*	 TEK KANAT İÇE AÇILIR KAPI *SINGLE INNER OPENING DOOR*
 TEK AÇILIR KANAT *SINGLE OPENING SASH*	 ÇİFT KANAT İÇE AÇILIR KAPI *DOUBLE INNER OPENING DOOR*
 TEK KANAT ÇİFT EKSEN AÇILIM KANAT *SINGLE TILT-TURN OPENING SASH*	 TEK KANAT DIŞA AÇILIR KAPI *SINGLE OUTER OPENING DOOR*
 ÇİFT AÇILIR KANAT *DOUBLE OPENING SASH*	 ÇİFT KANAT DIŞA AÇILIR KAPI *DOUBLE OUTER OPENING DOOR*
 ÇİFT EKSEN AÇILIM KANAT *DOUBLE TILT-TURN OPENING SASH*	 KATLANIR KAPI *FOLDING DOOR*
 VASİSTAS AÇILIR KANAT *VENT OPENING SASH*	 PARALEL SÜRME KAPI *PARALLEL SLIDING OPENING DOOR*
 PİVOT AÇILIR KANAT *PIVOT OPENING SASH*	

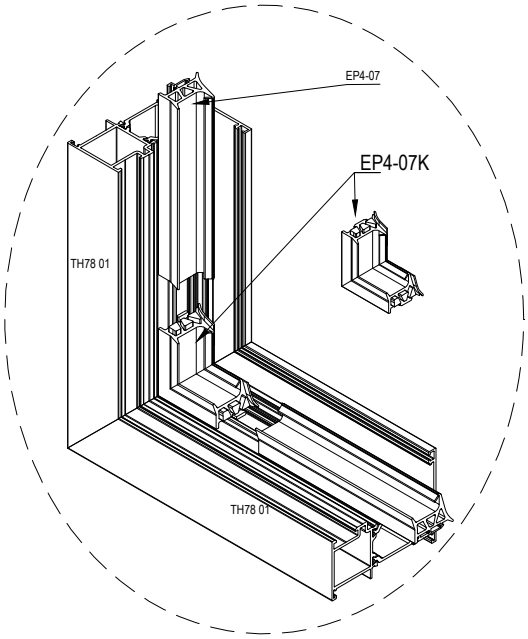
SİSTEM DETAYLARI

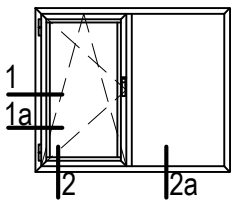
SYSTEM DETAILS

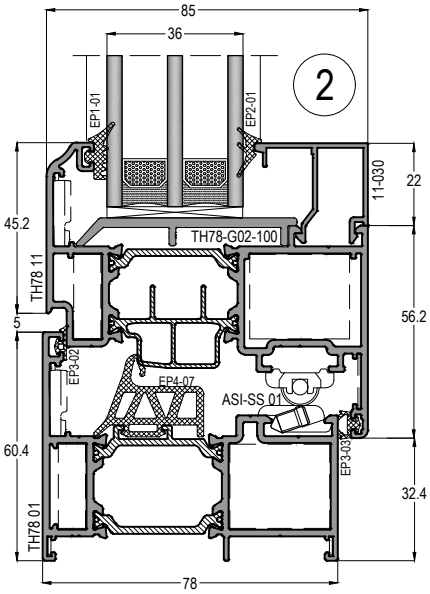
PENCERE AÇILIM DETAYLARI
WINDOW OPENING DETAILS

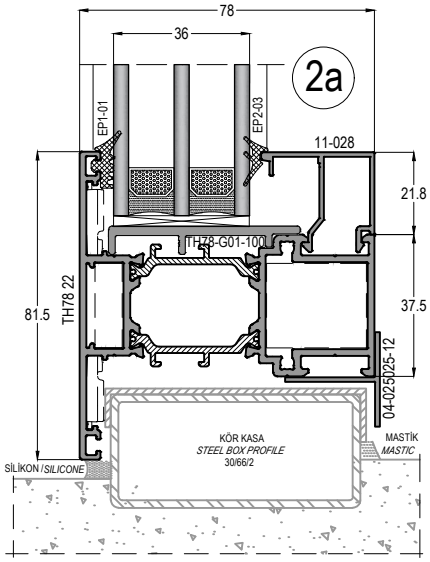






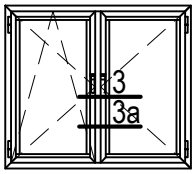


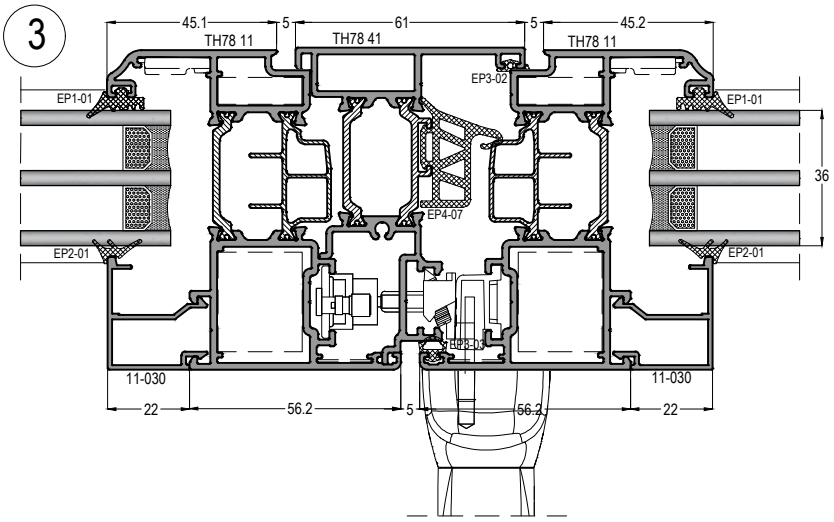


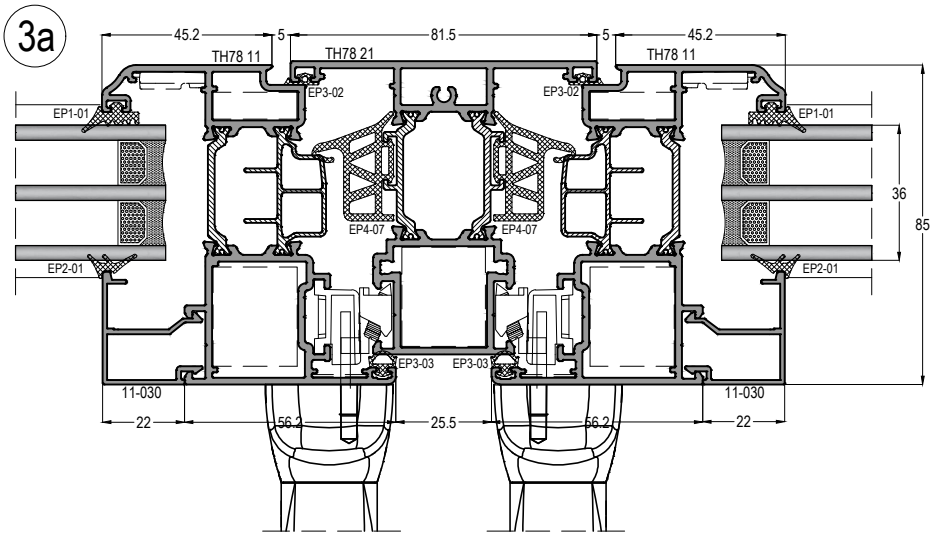


ö: 1/2

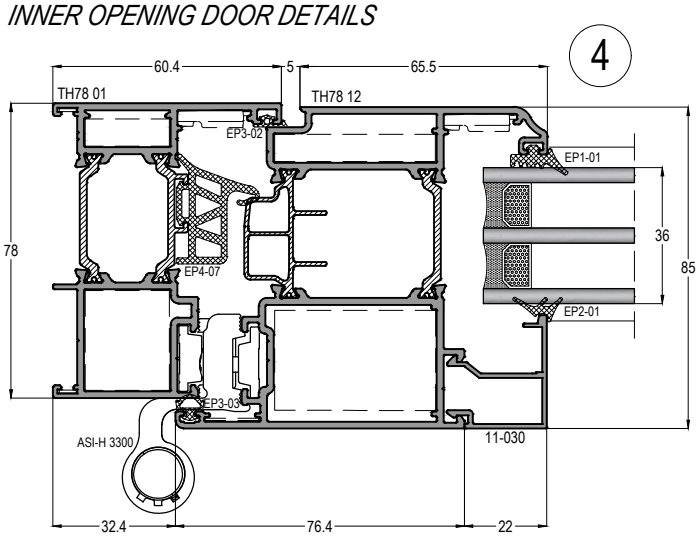
PENCERE AÇILIM DETAYLARI
WINDOW OPENING DETAILS

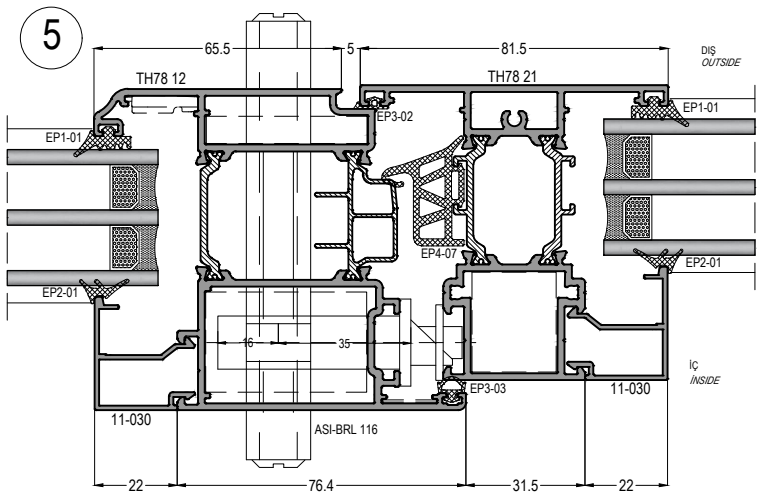


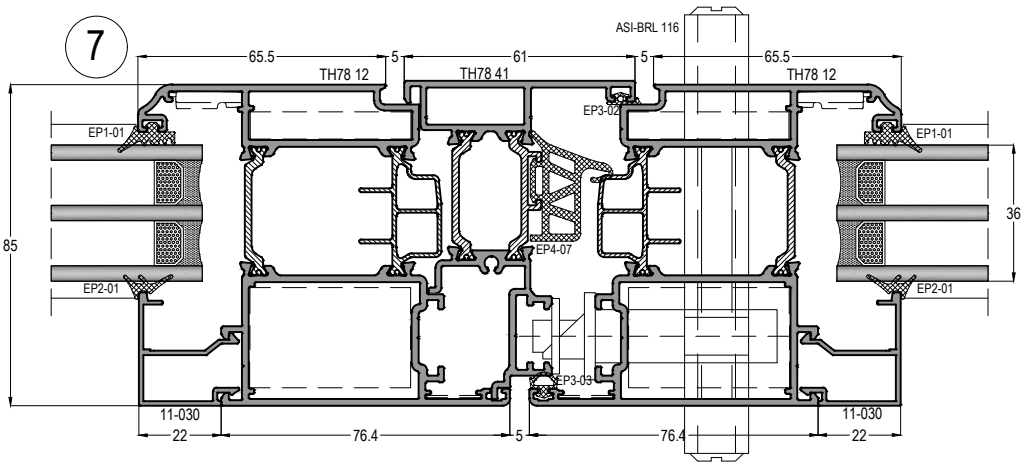


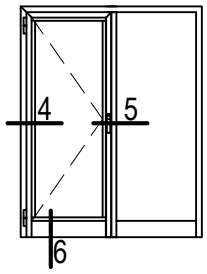


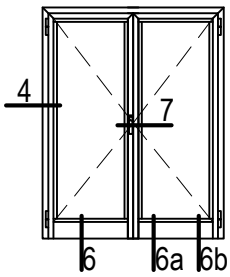
İÇE AÇILIR KAPI DETAYLARI
INNER OPENING DOOR DETAILS

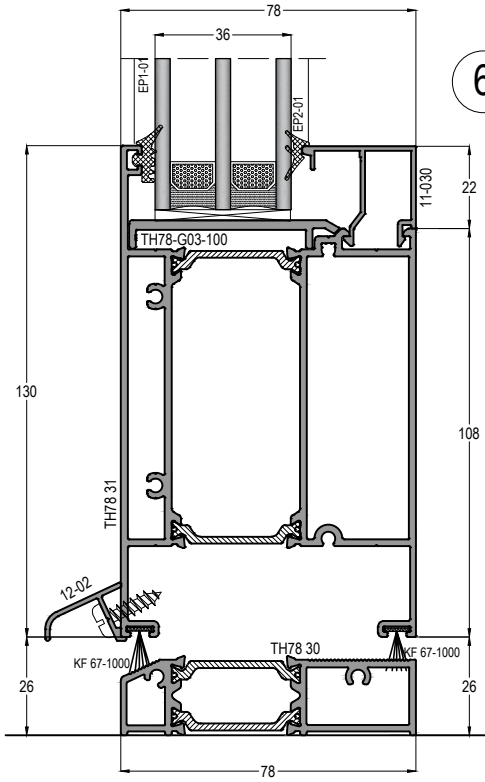


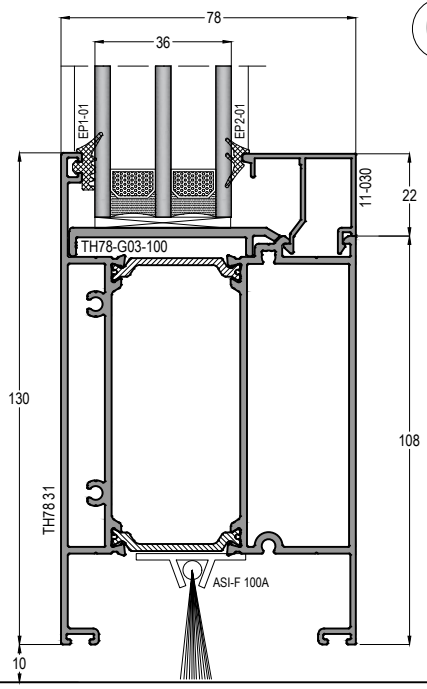


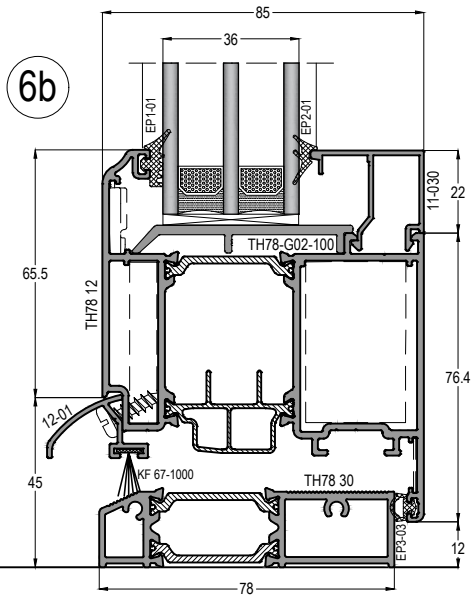








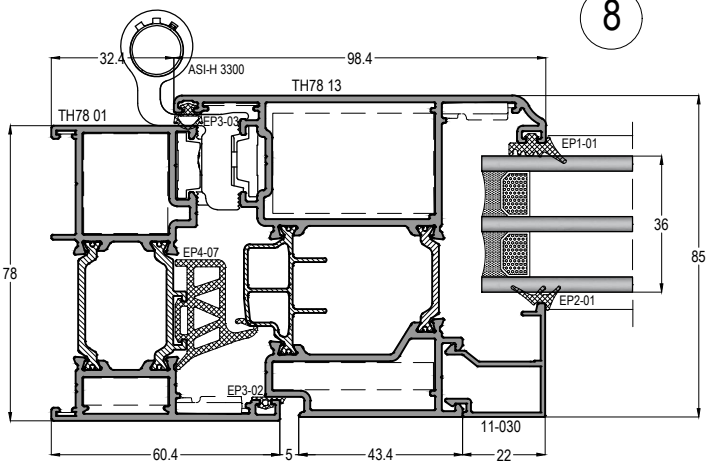




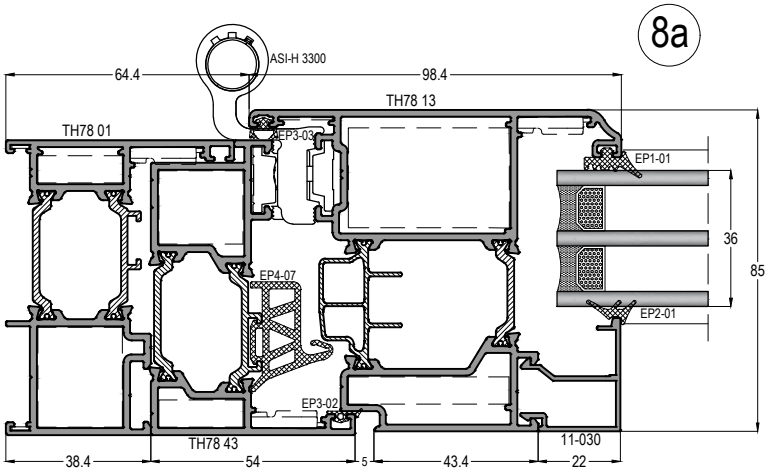
ö: 1/2

DIŞA AÇILIR KAPI DETAYLARI
OUTER OPENING DOOR DETAILS

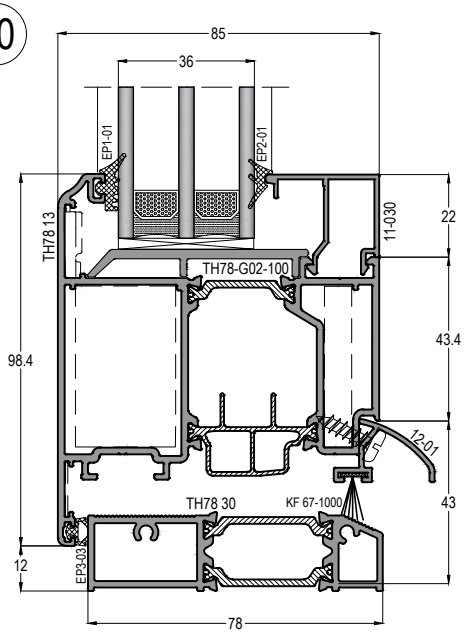
8

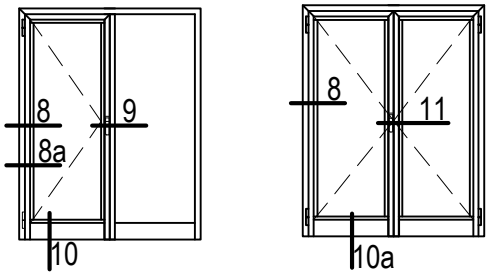


8a

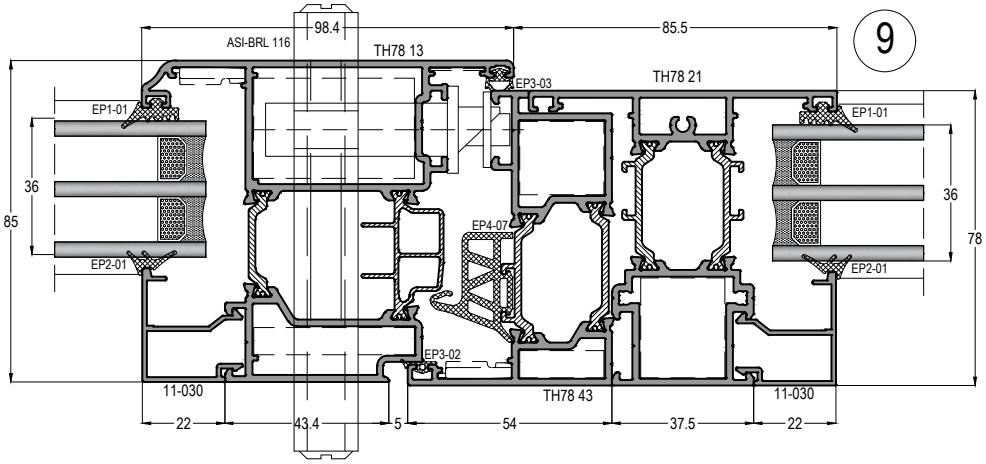


10

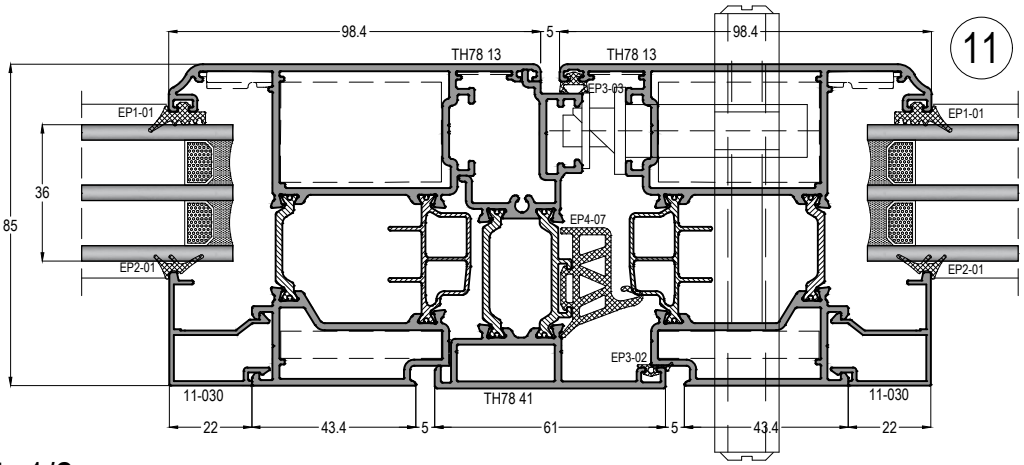




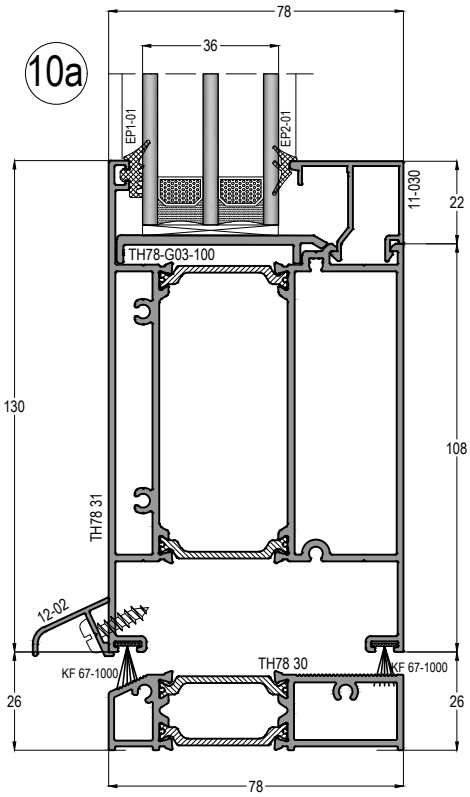
9



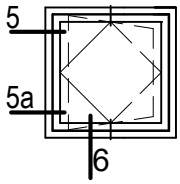
11



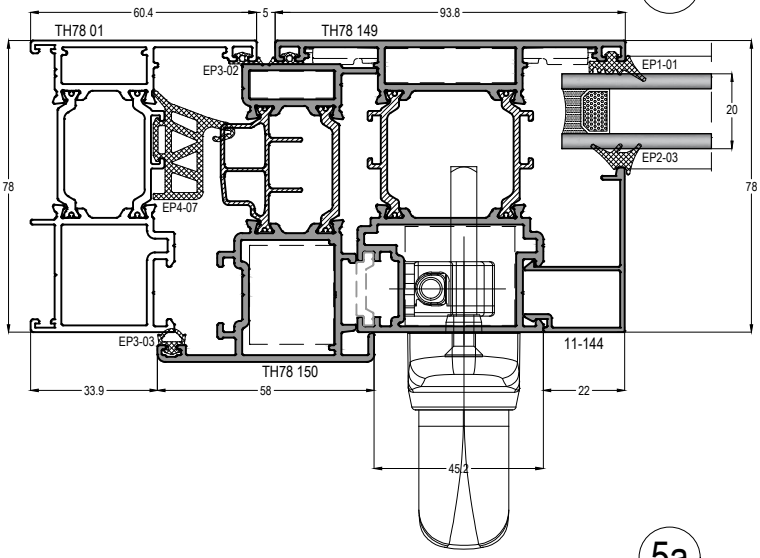
10a



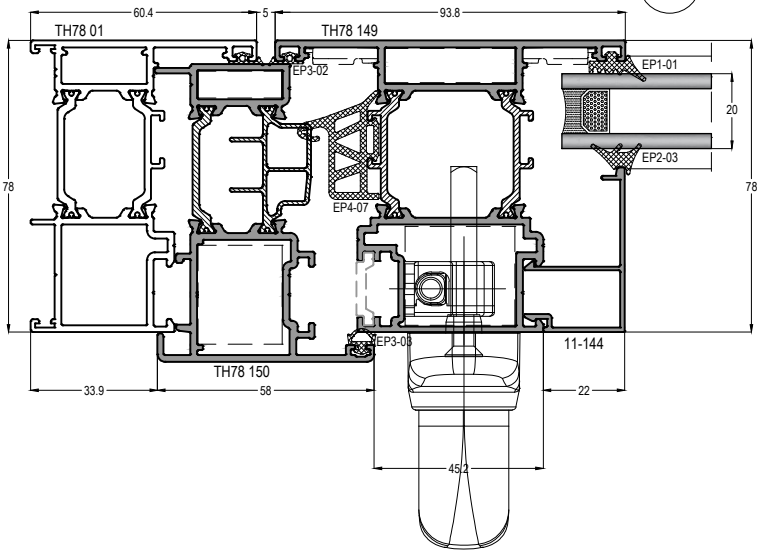
PİVOT AÇILIM DETAYLARI
PIVOT OPENING DETAILS



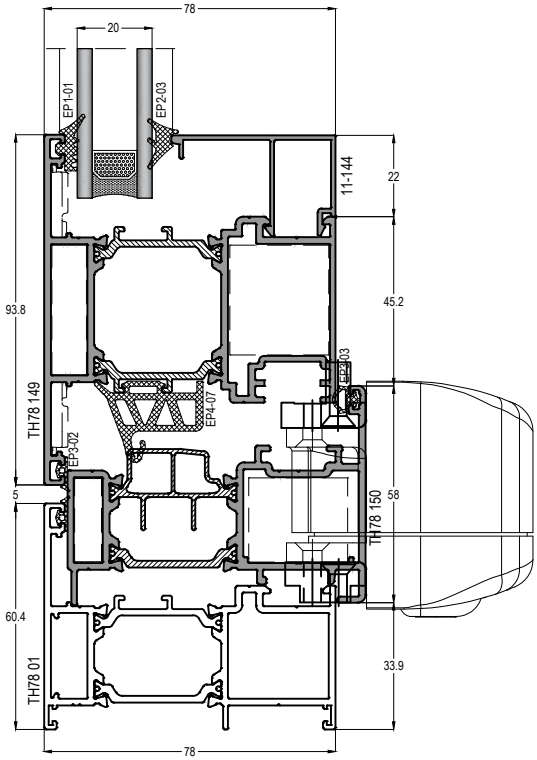
5



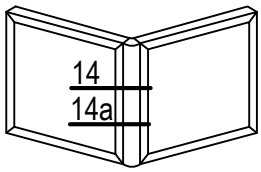
5a

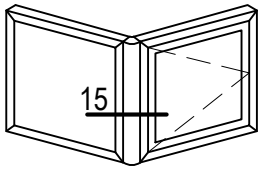


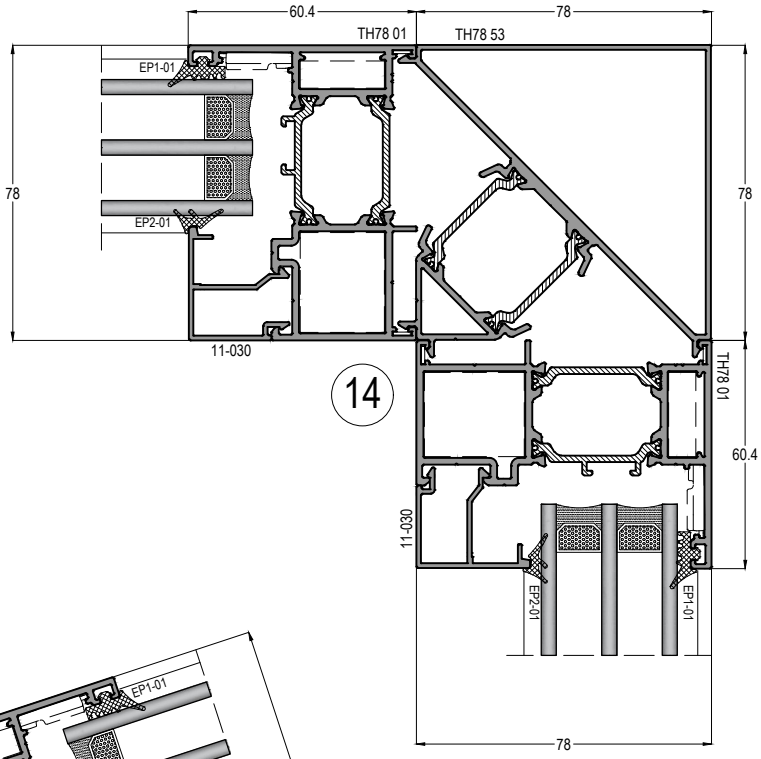
6

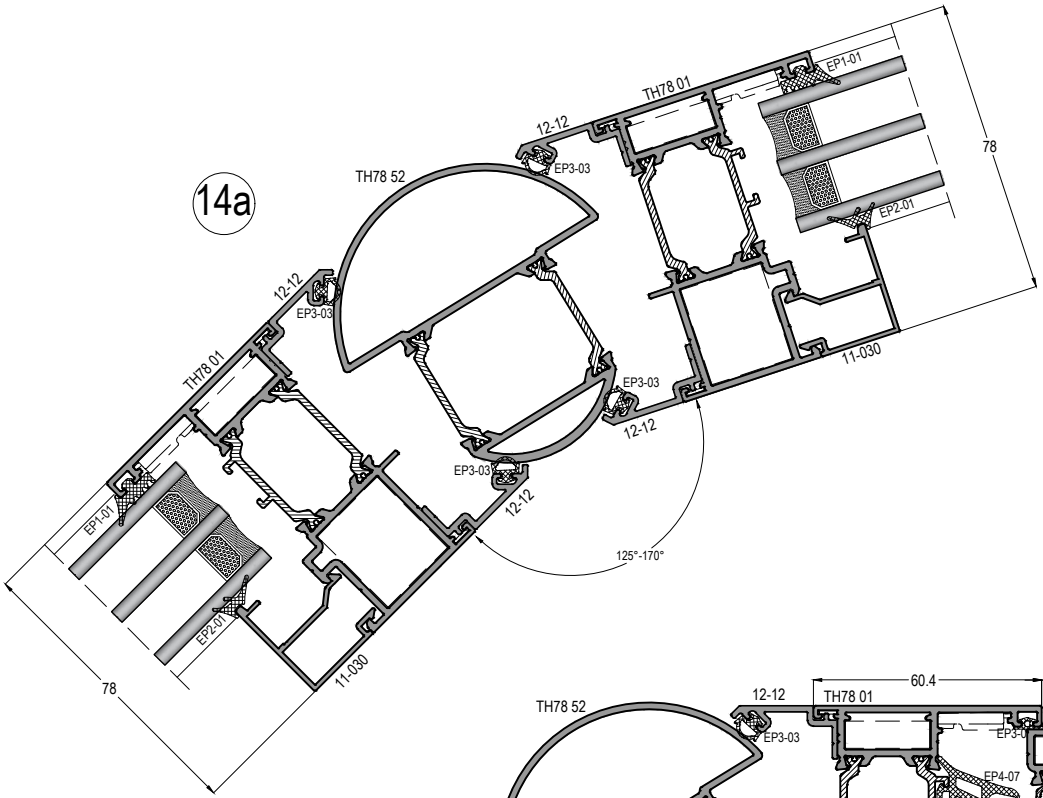


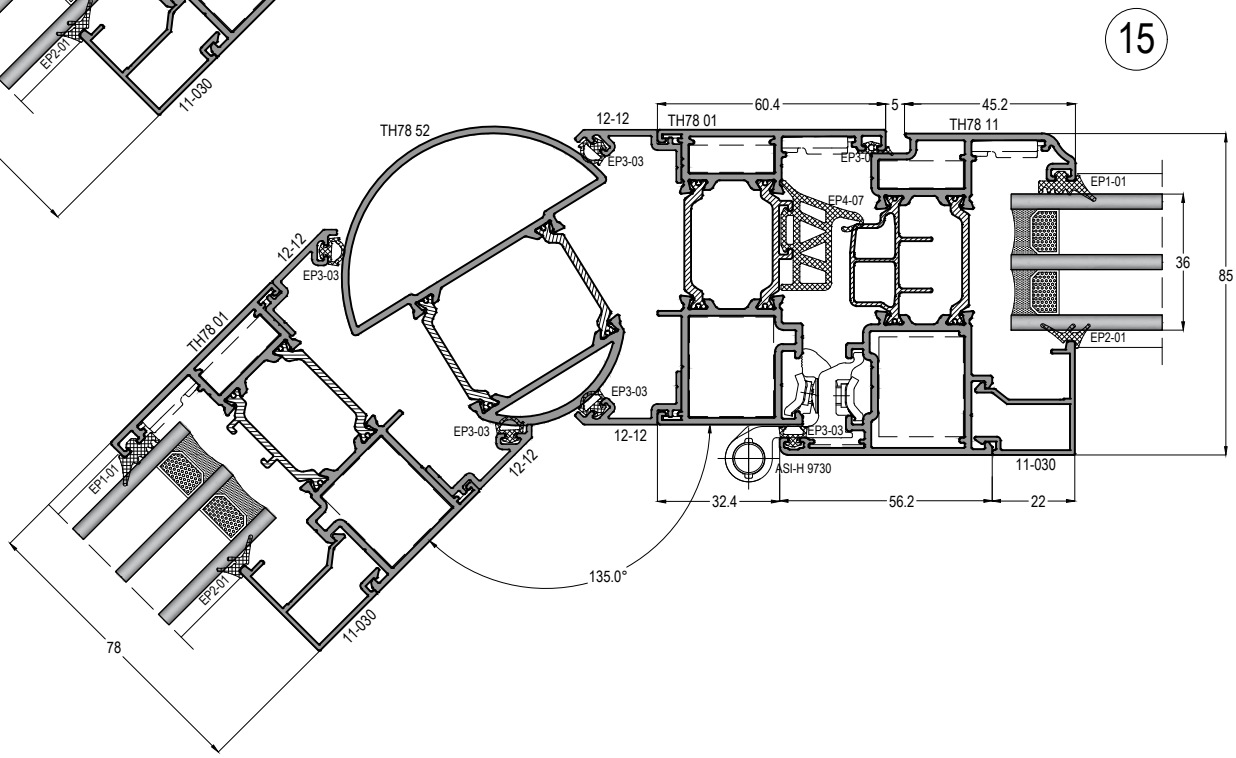
KÖŞE DETAYLARI
CORNER DETAILS



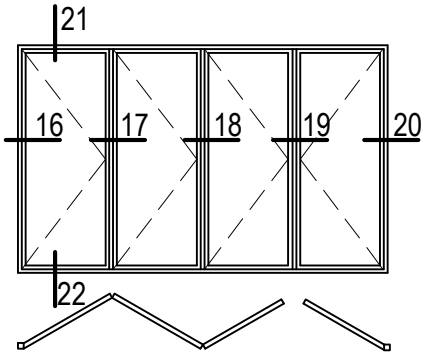




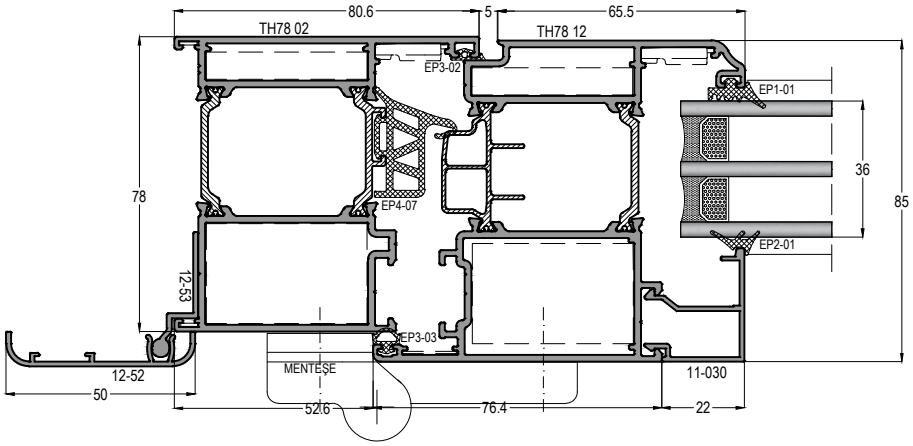




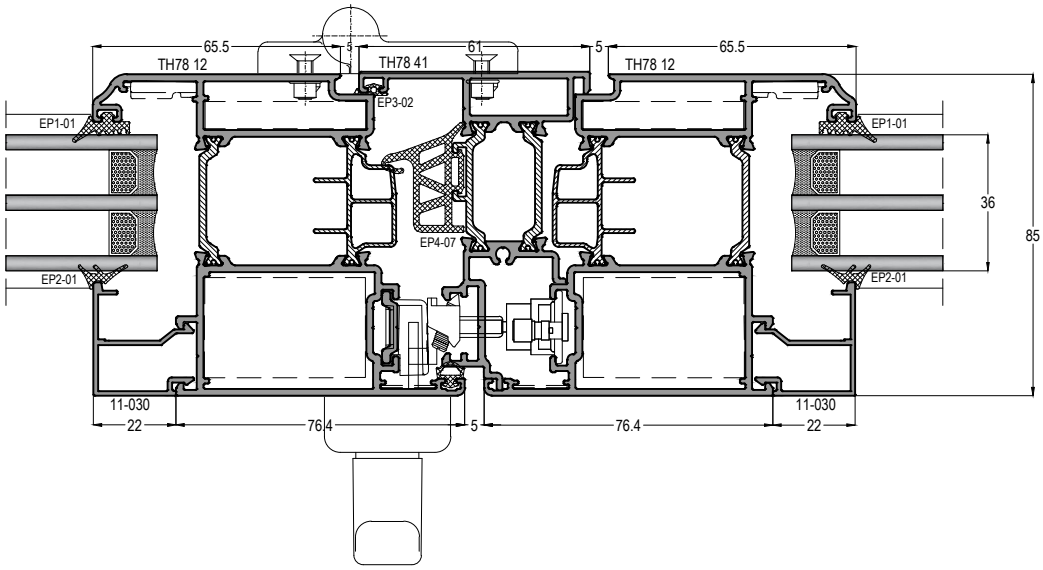
KATLANIR KAPI DETAYLARI
FOLDING DOOR DETAILS



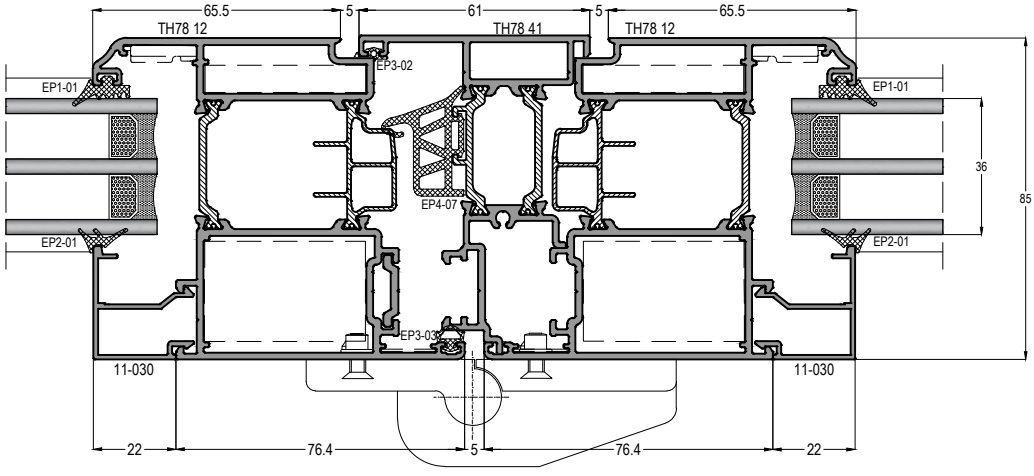
16



17

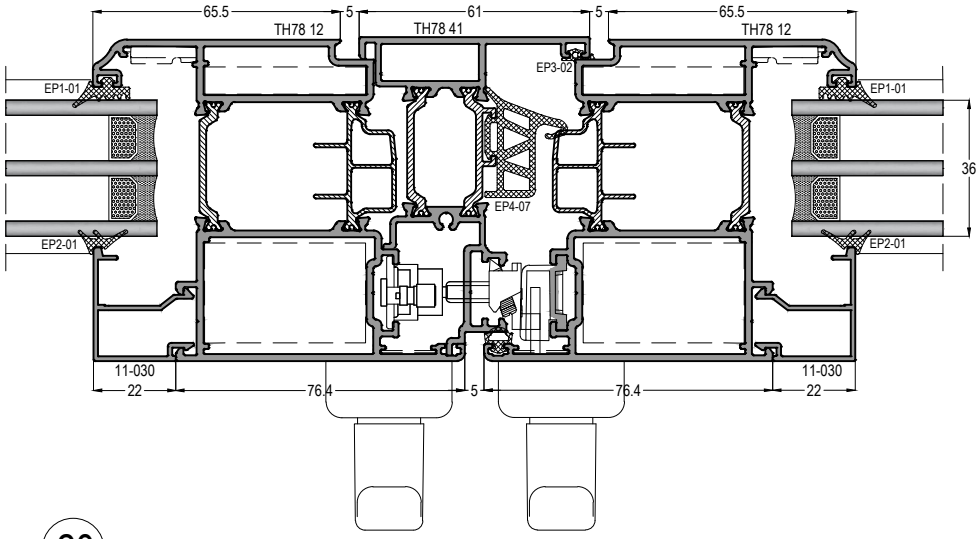


18

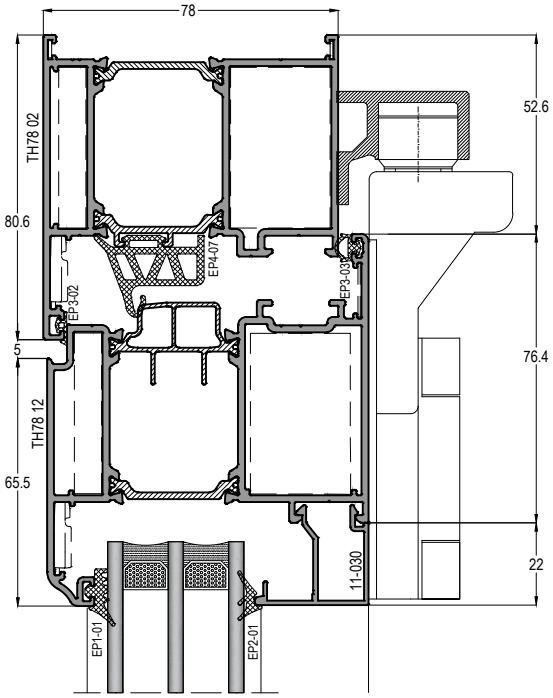


KATLANIR KAPI DETAYLARI
FOLDING DOOR DETAILS

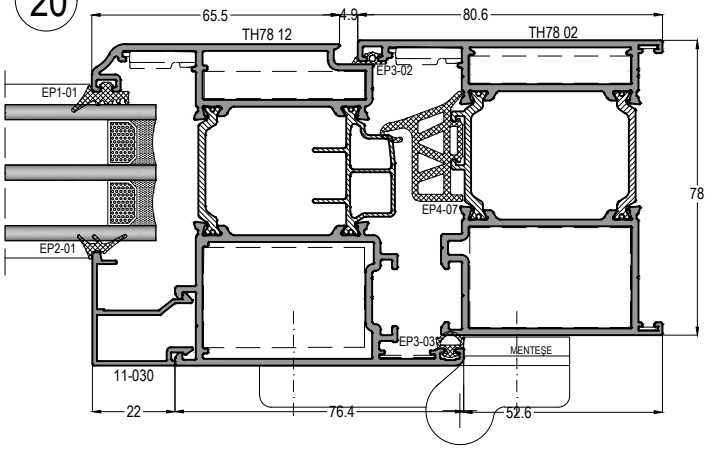
19

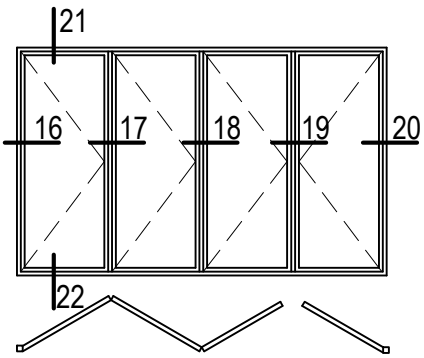


21

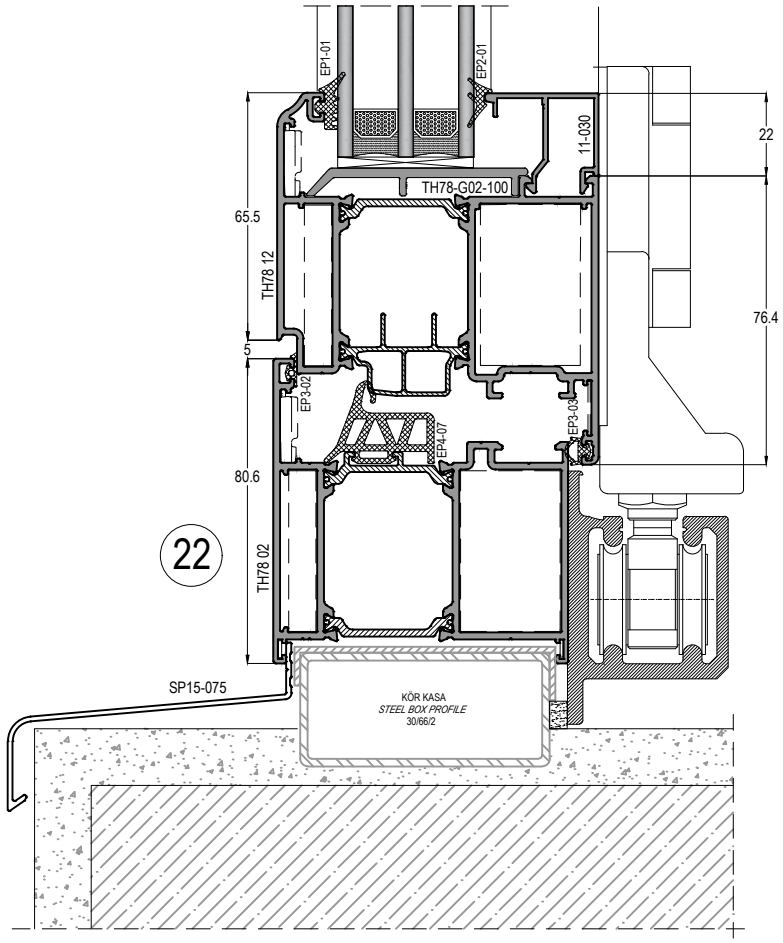


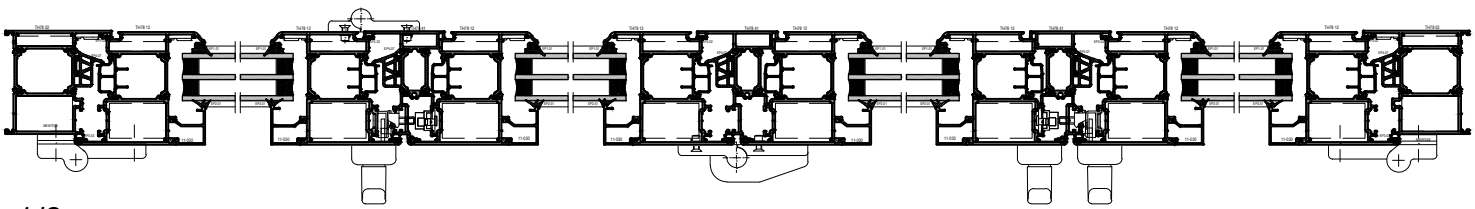
20





22

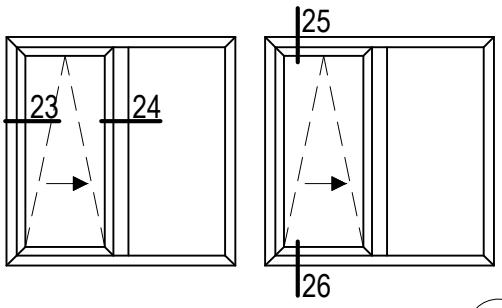


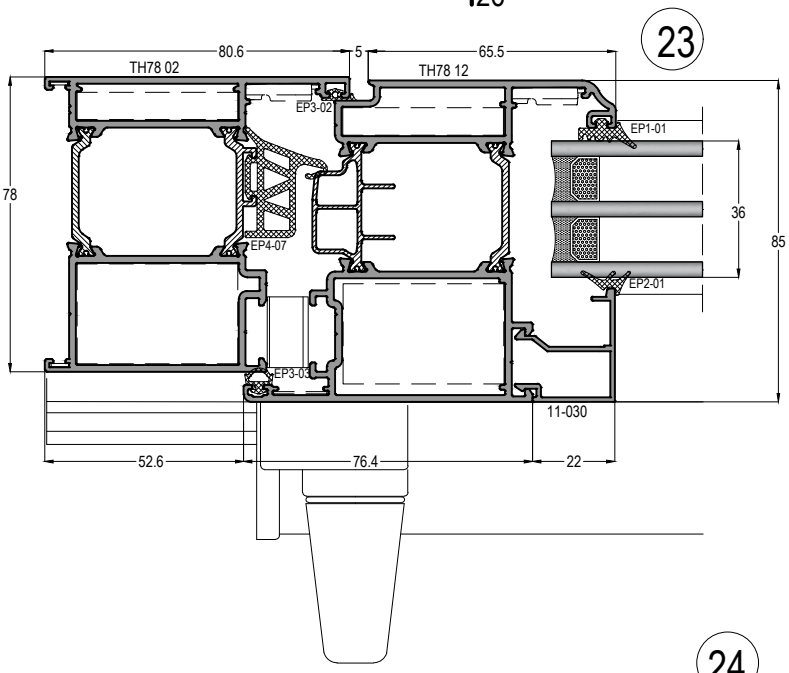


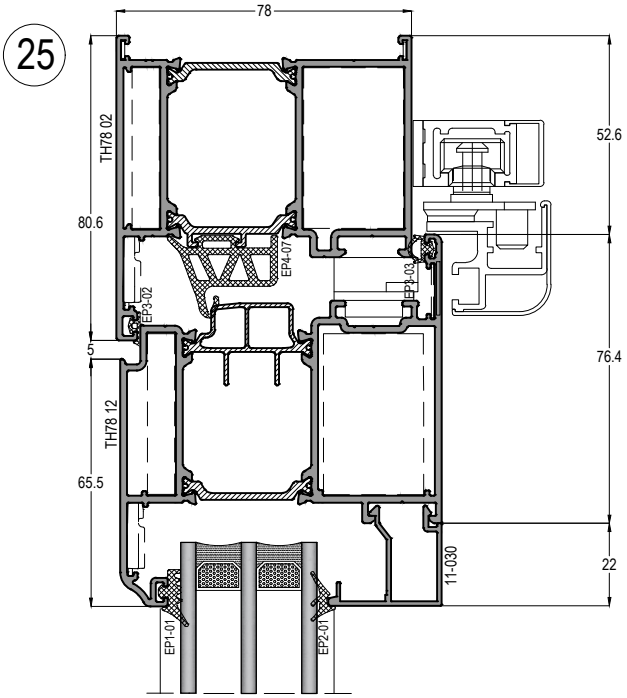
ö: 1/2

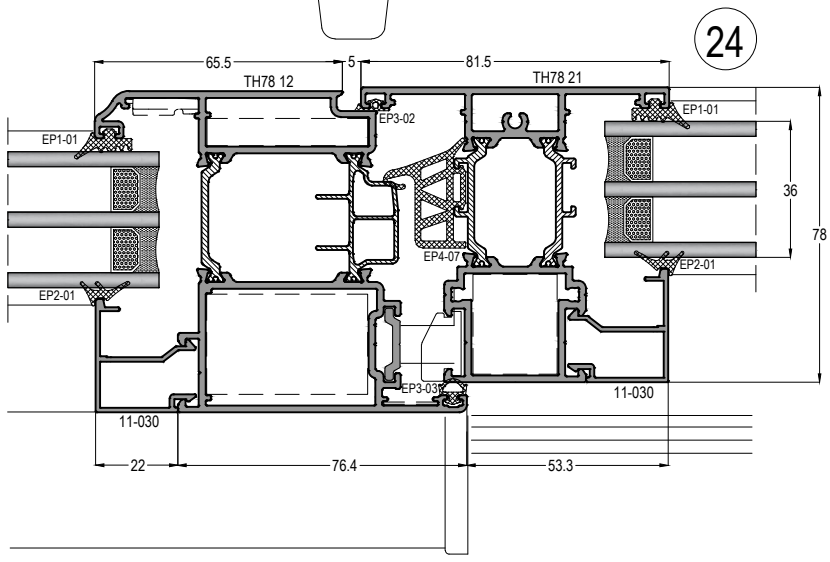
PARALEL SÜRME DETAYLARI

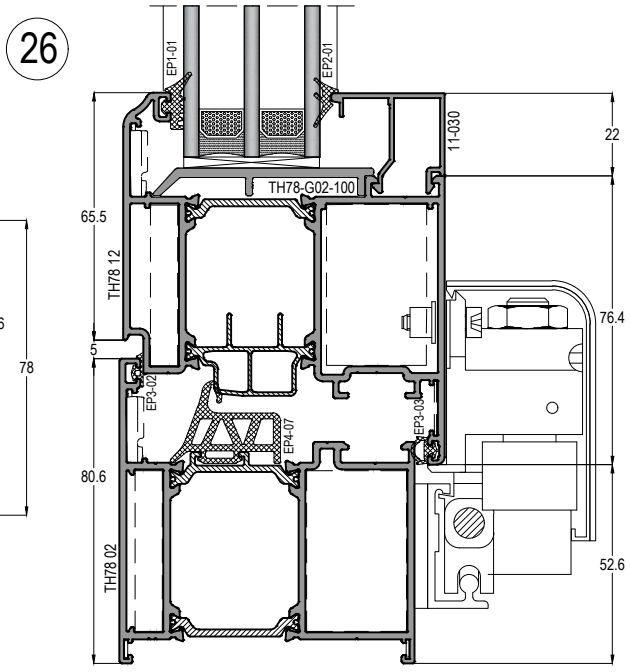
PARALLE SLIDING DETAILS

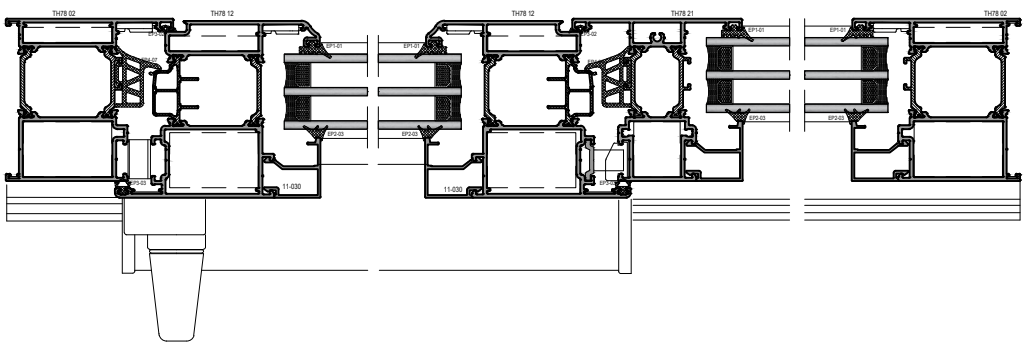










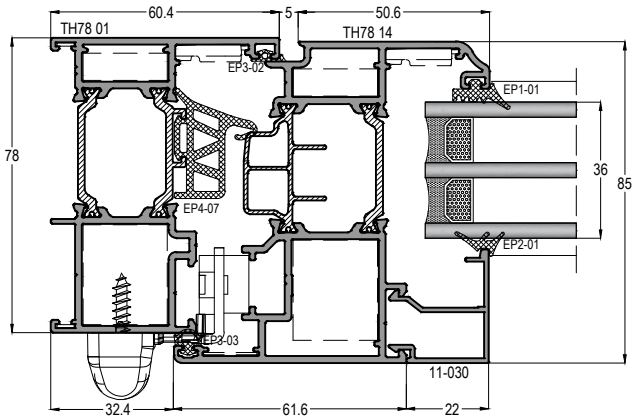


ÇOK NOKTADAN KİLİTLEME SİSTEM DETAYLARI

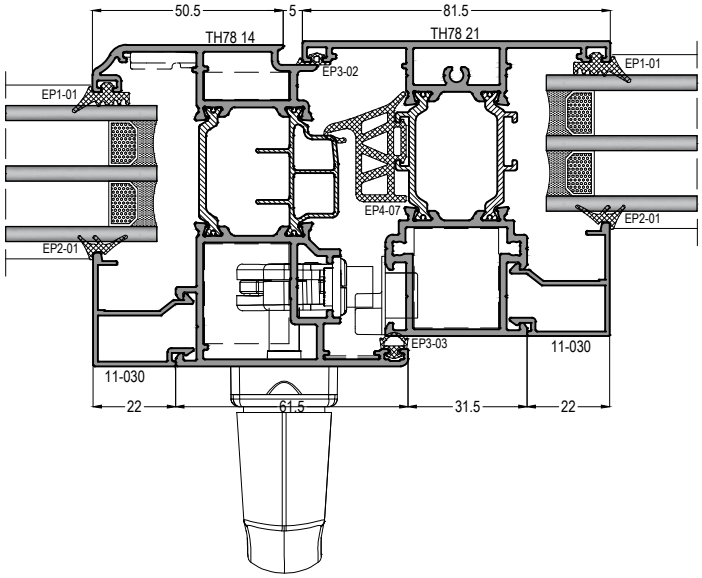
MULTI POINT LOCKING SYSTEM DETAILS

PENCERE AÇILIM DETAYLARI
WINDOW OPENING DETAILS

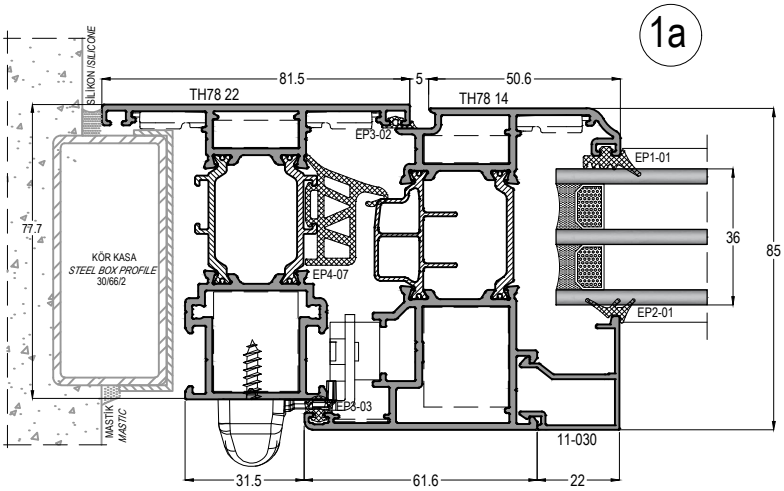
1

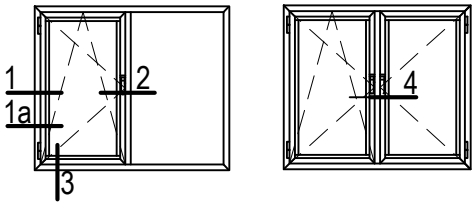


2

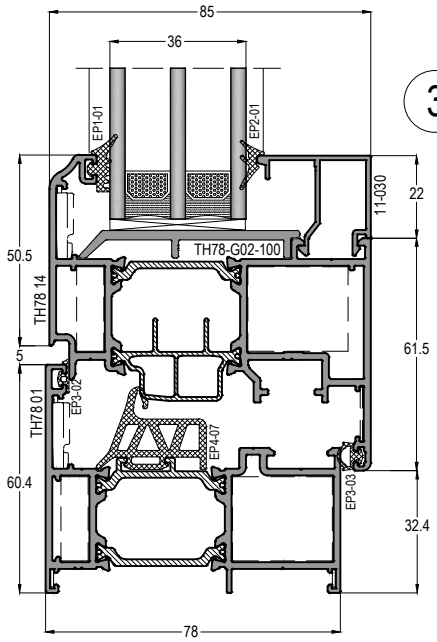


1a

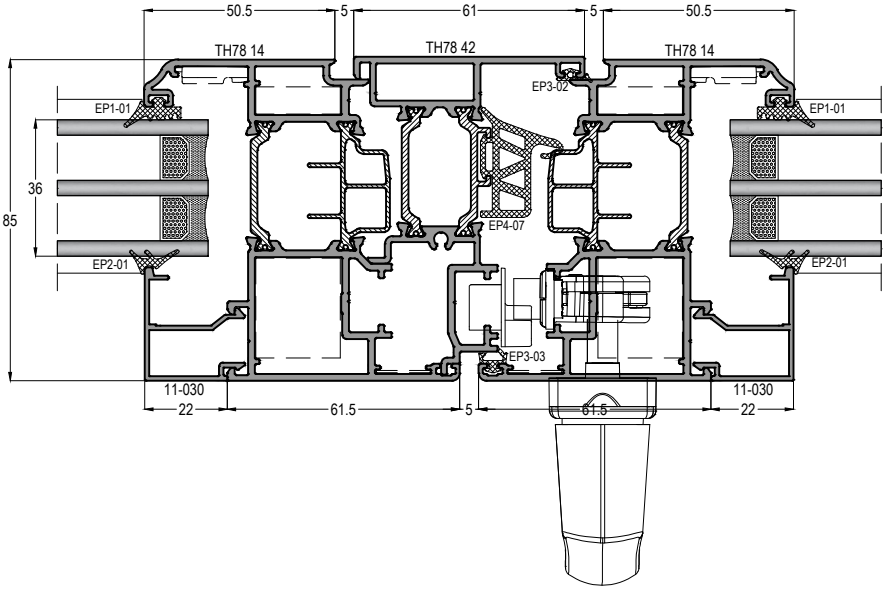




3

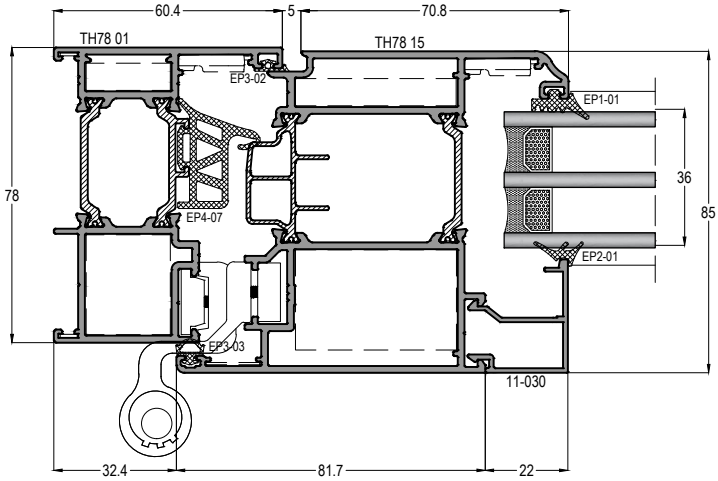


4

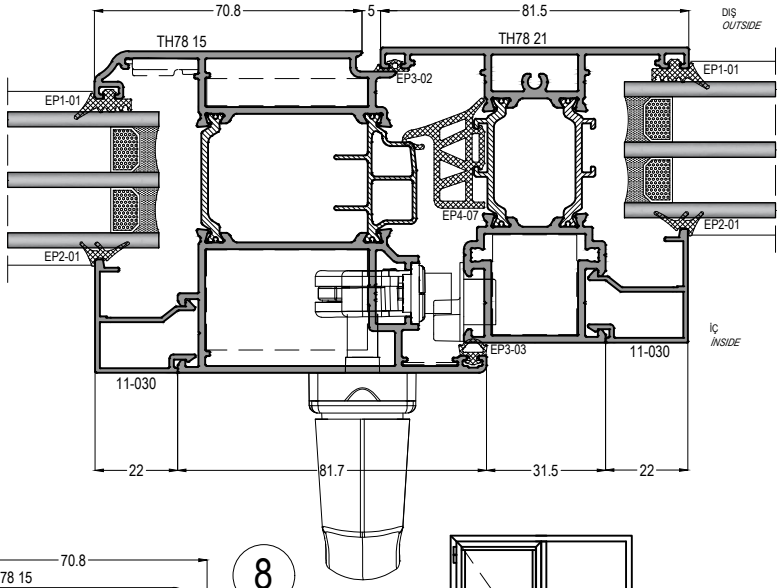


İÇE AÇILIR KAPI DETAYLARI
INNER OPENING DOOR DETAILS

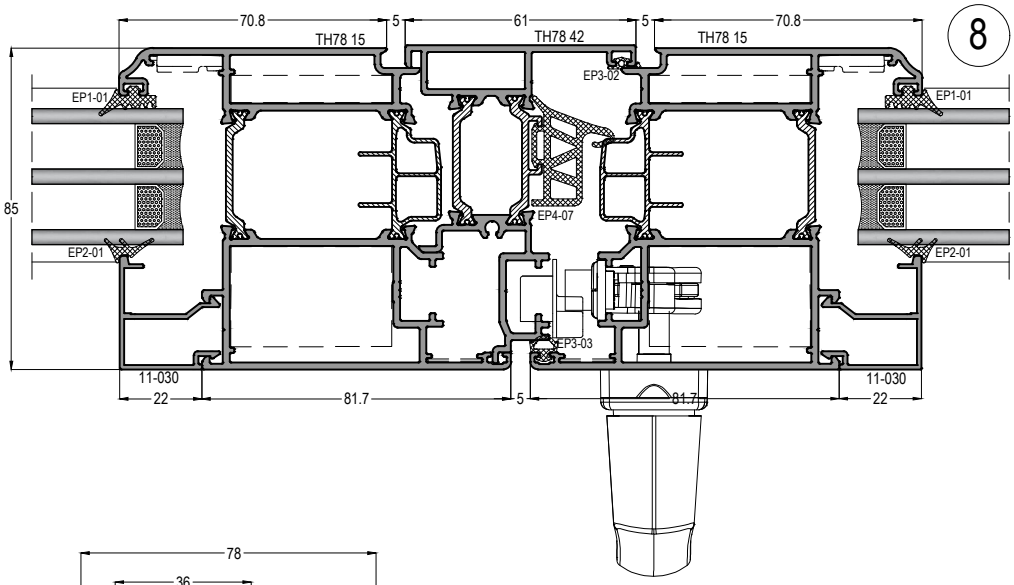
5

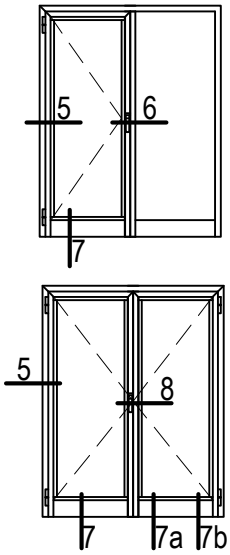


6

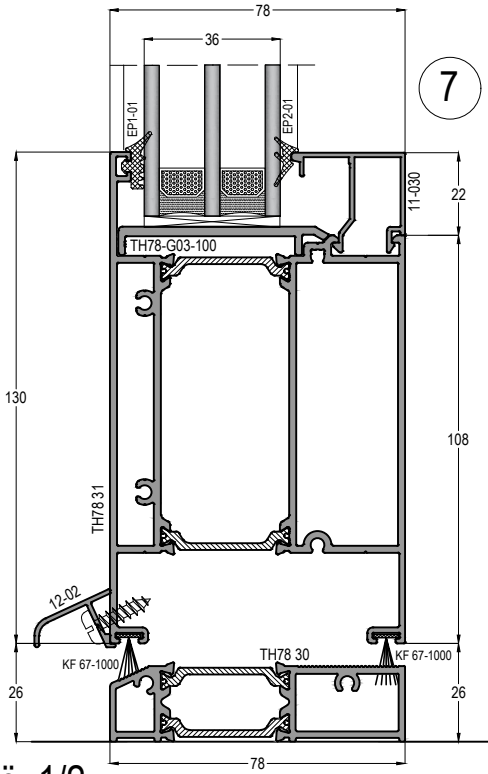


8

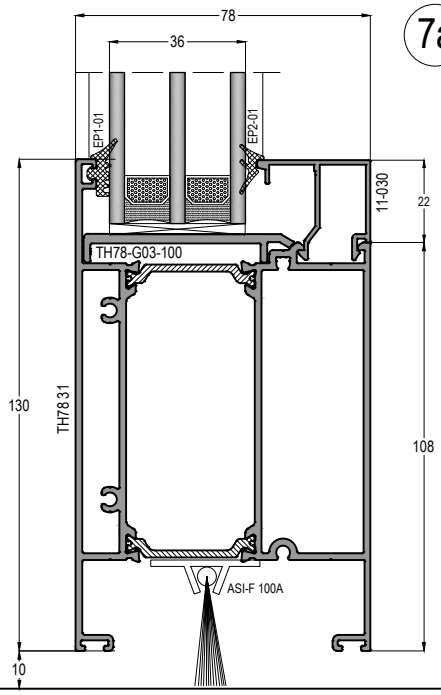




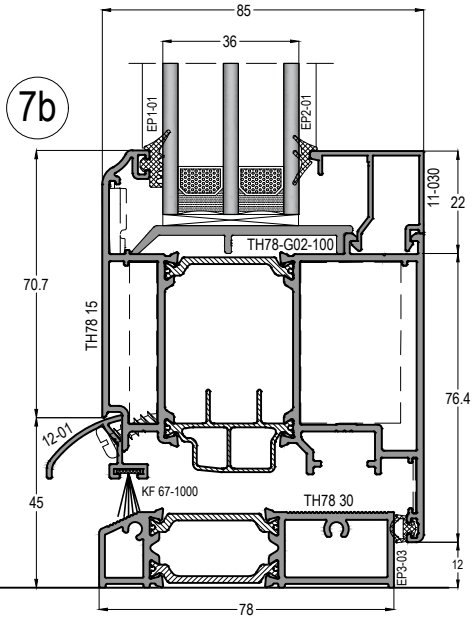
7



7a



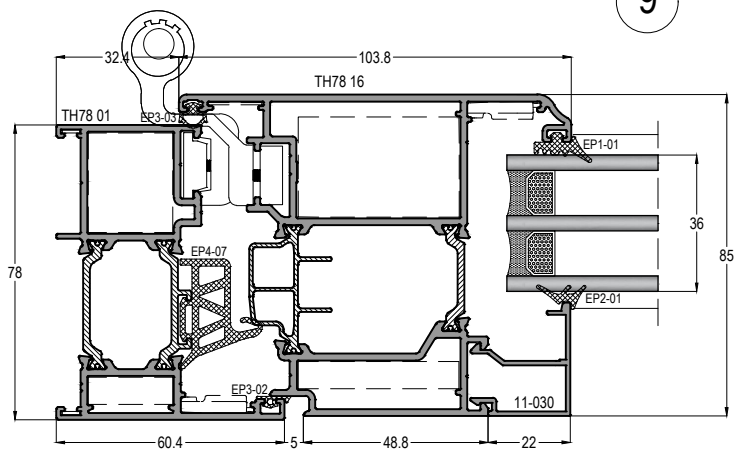
7b



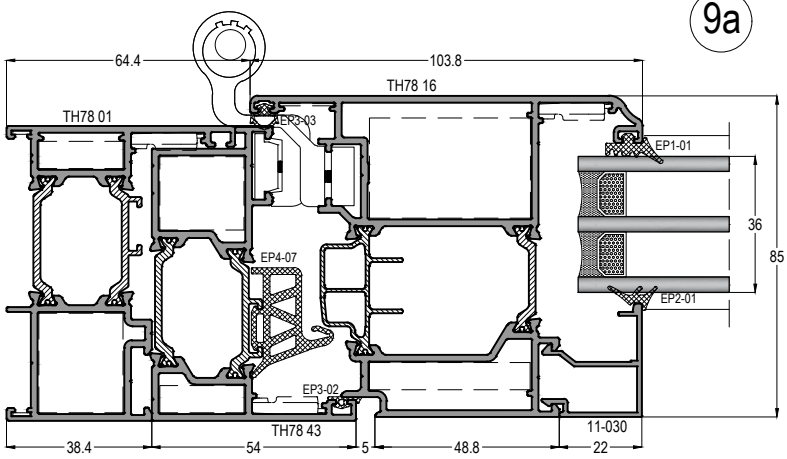
ö: 1/2

DIŞA AÇILIR KAPI DETAYLARI
OUTER OPENING DOOR DETAILS

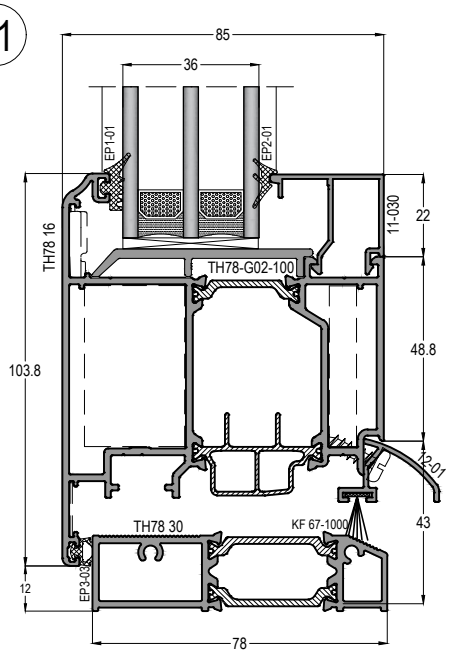
9

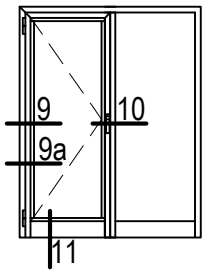


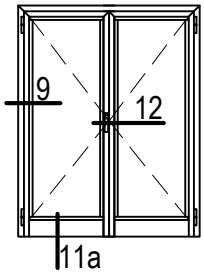
9a



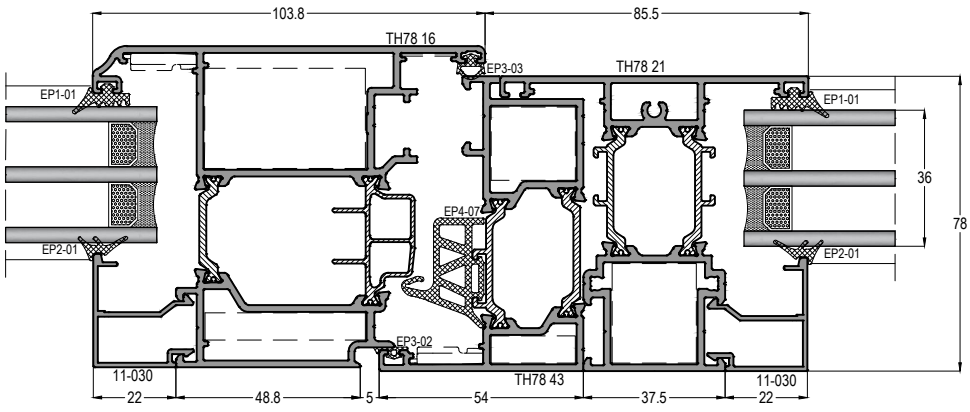
11



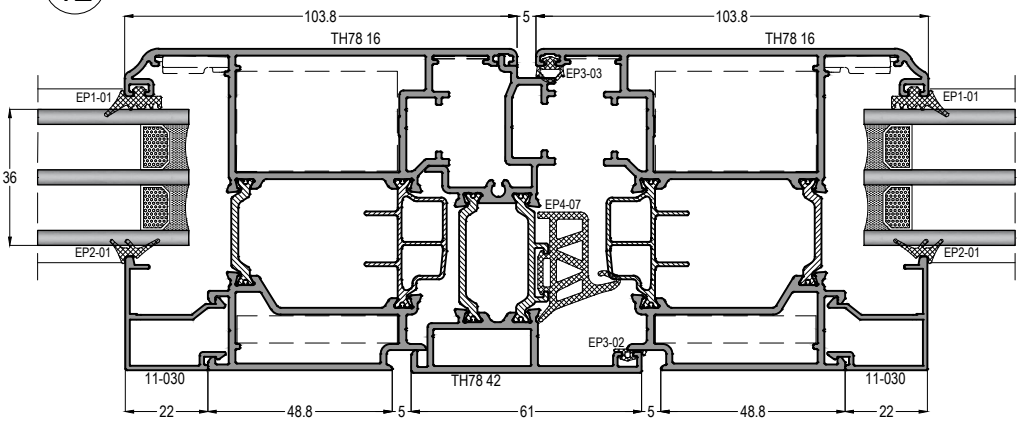




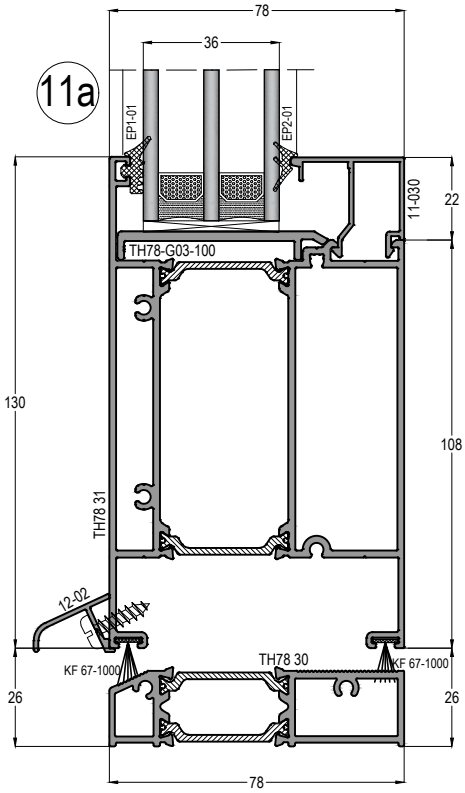
10



12



11a

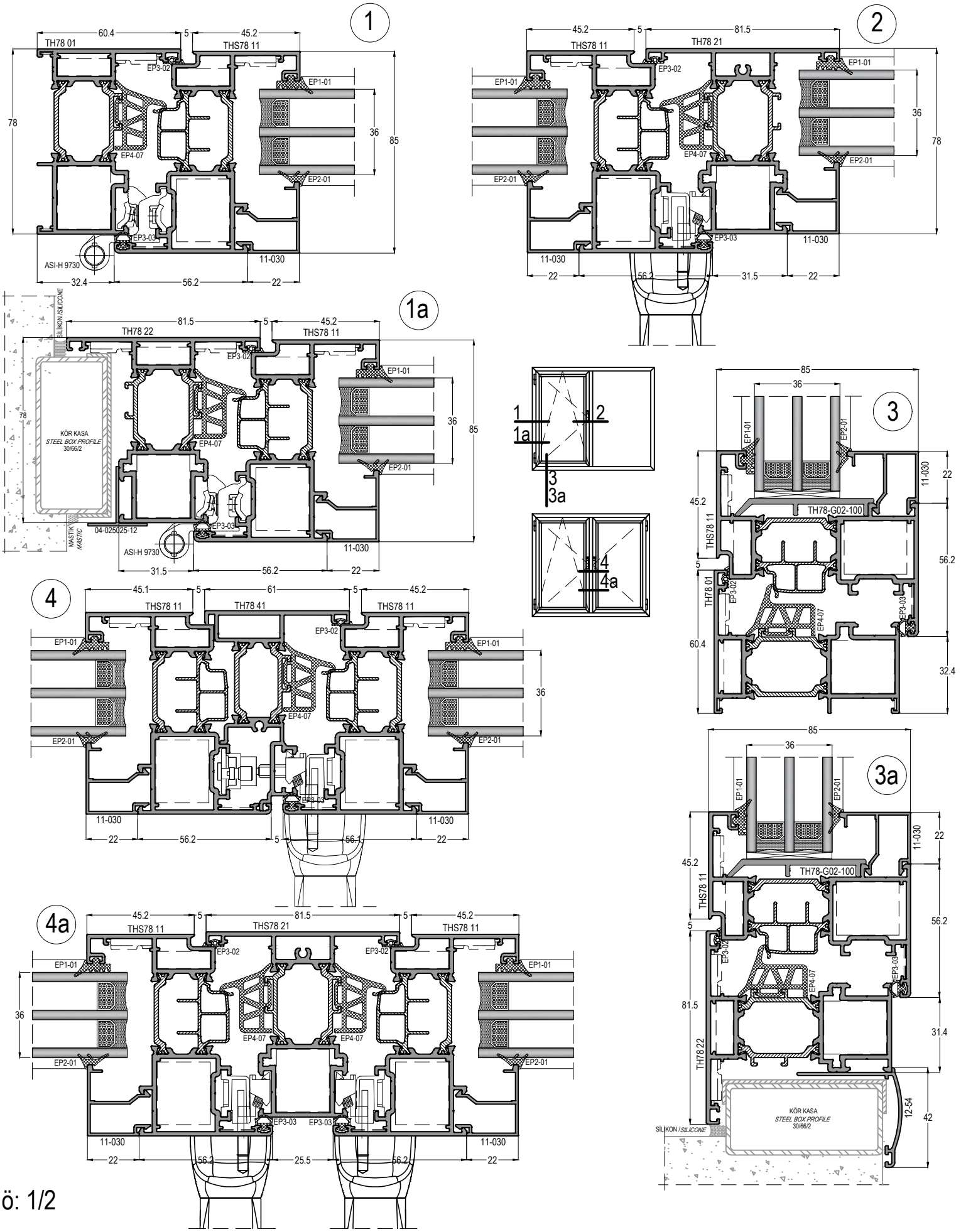


ö: 1/2

THS - SİSTEM DETAYLARI

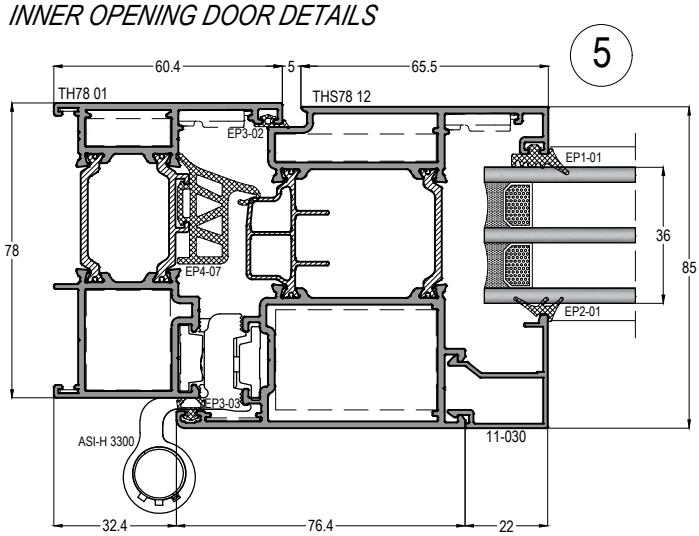
THS - SYSTEM DETAILS

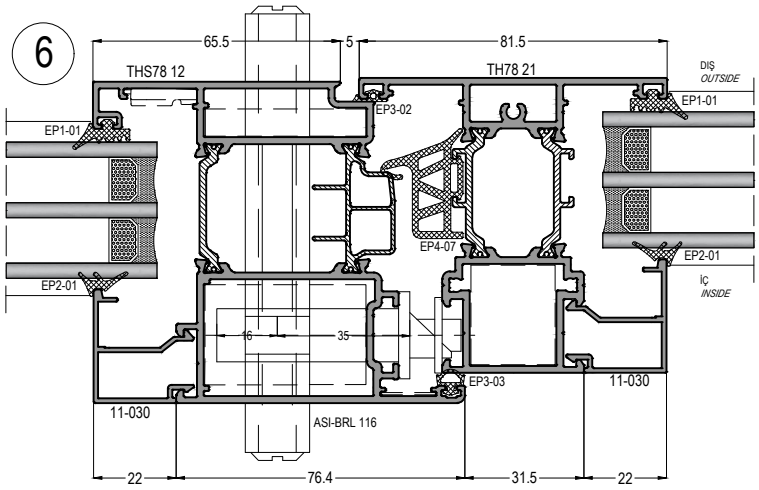
PENCERE AÇILIM DETAYLARI
WINDOW OPENING DETAILS

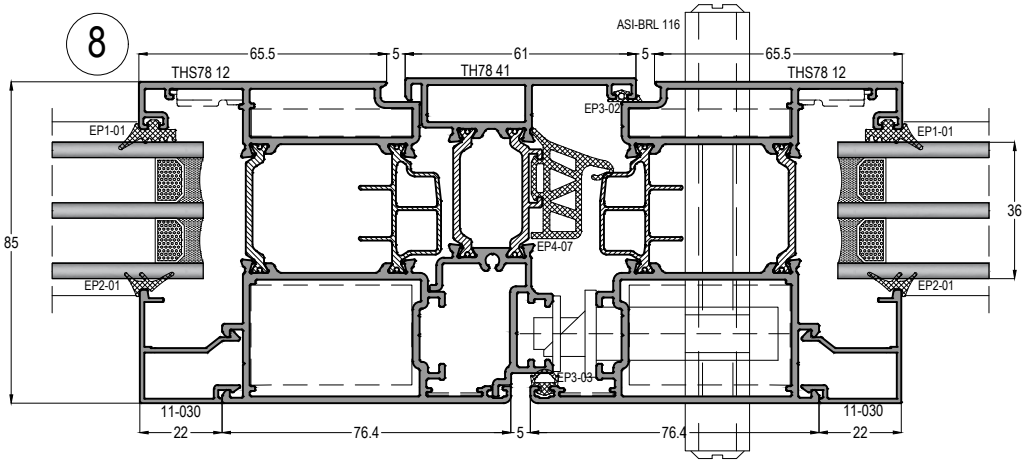


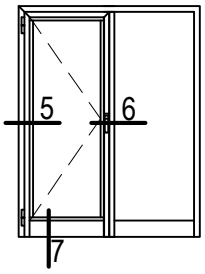
ö: 1/2

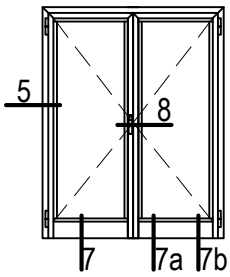
İÇE AÇILIR KAPI DETAYLARI
INNER OPENING DOOR DETAILS

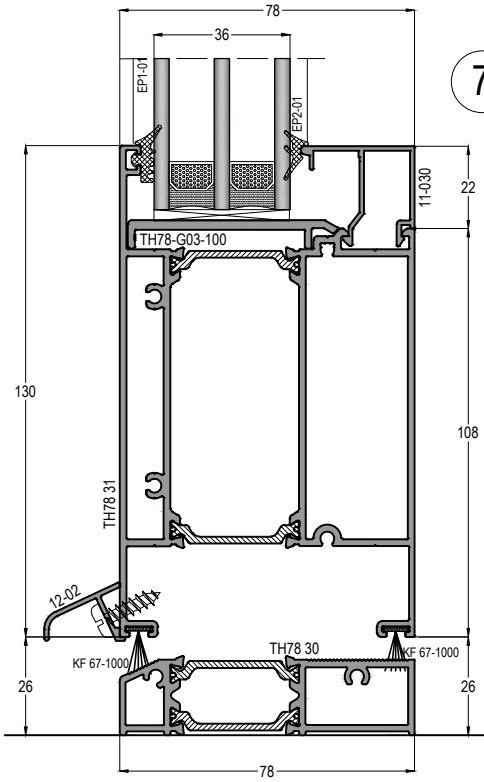


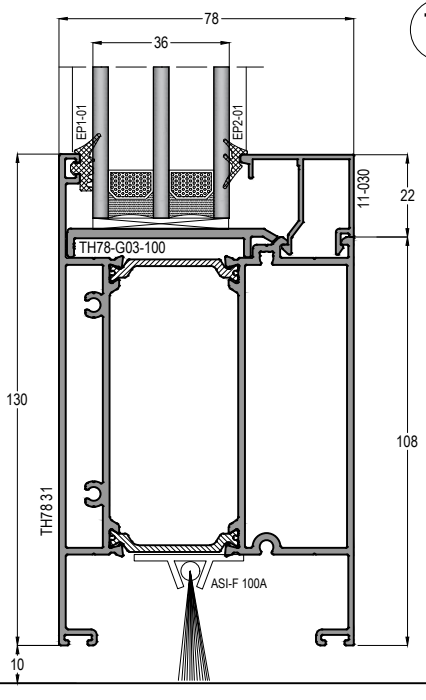


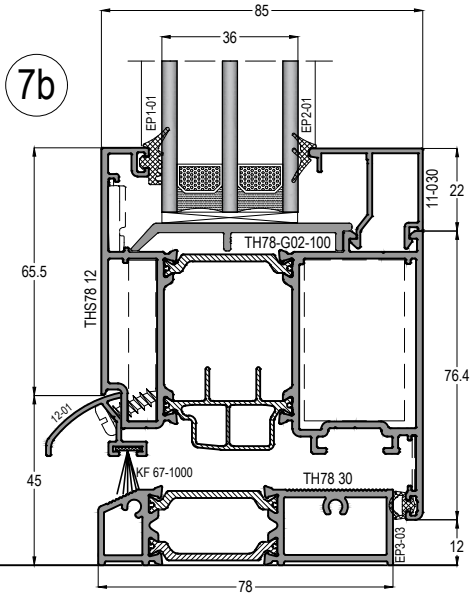






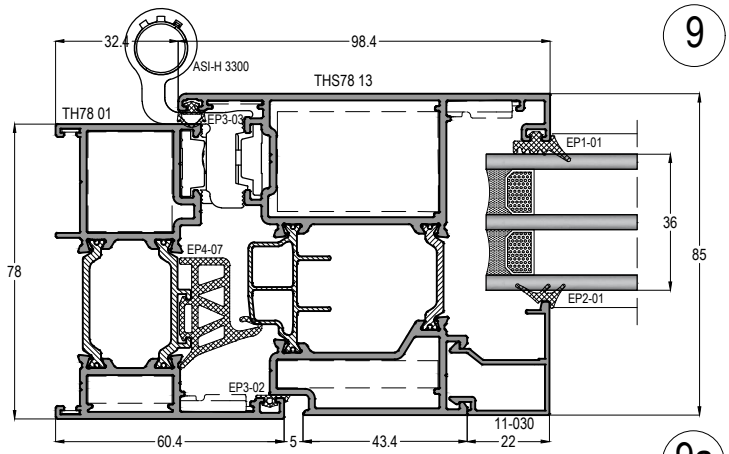




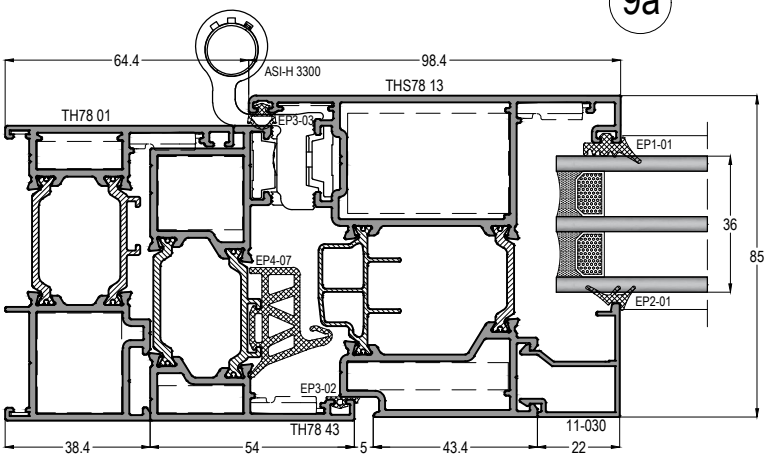


DIŞA AÇILIR KAPI DETAYLARI
OUTER OPENING DOOR DETAILS

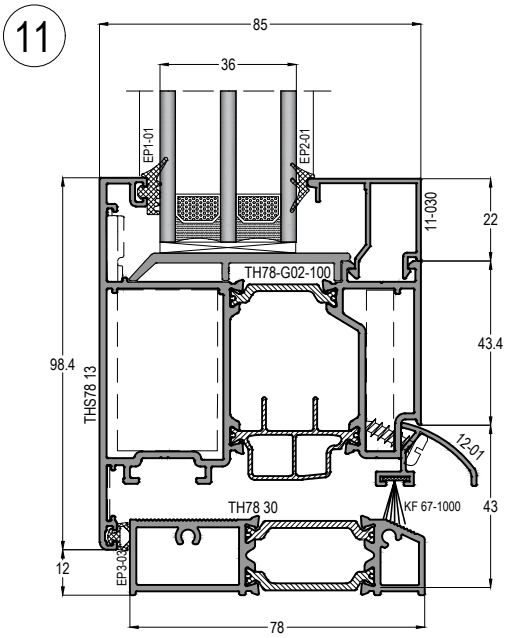
9

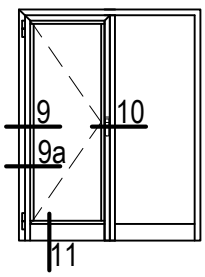


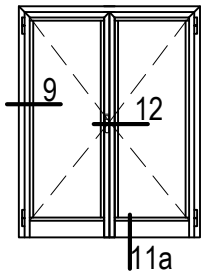
9a



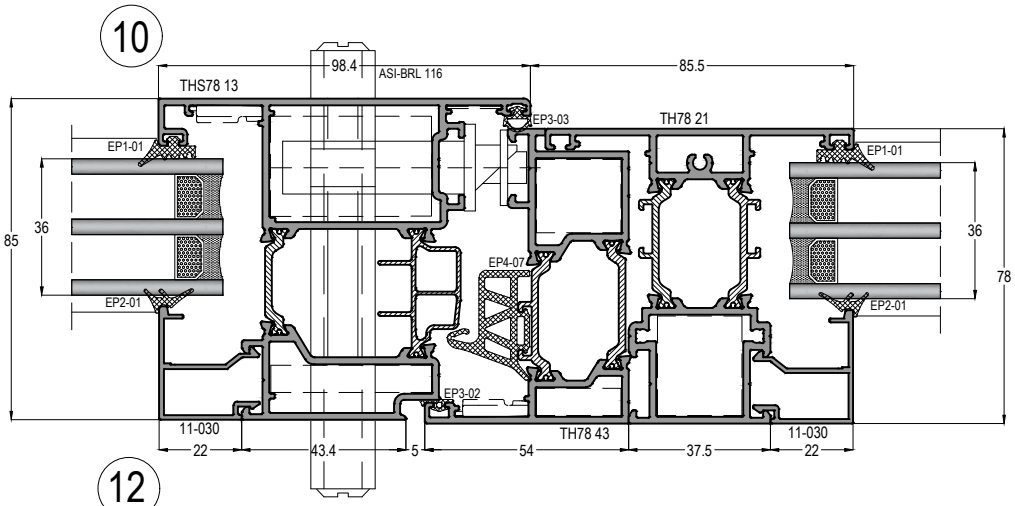
11



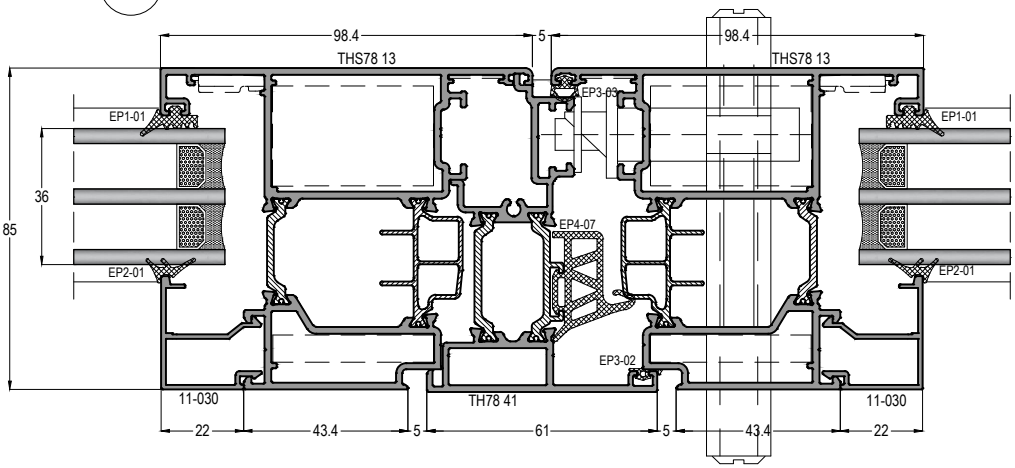




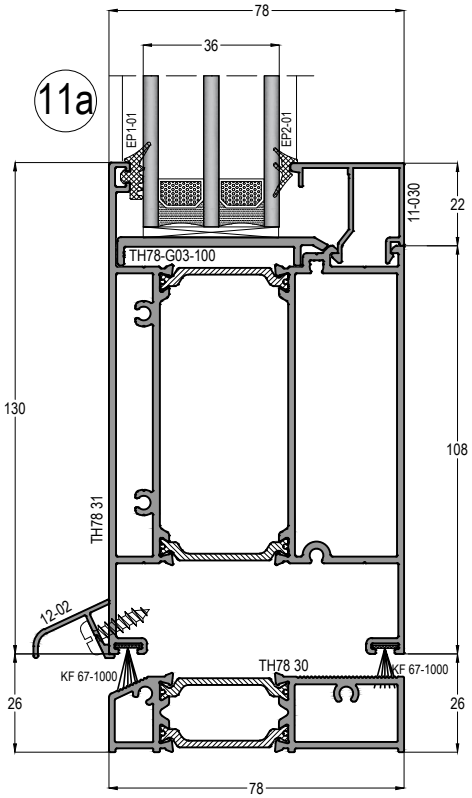
10



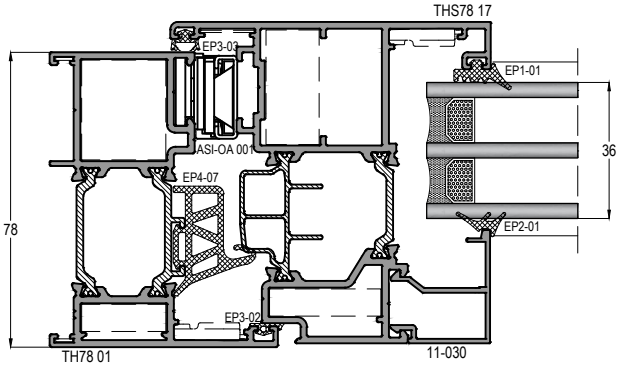
12

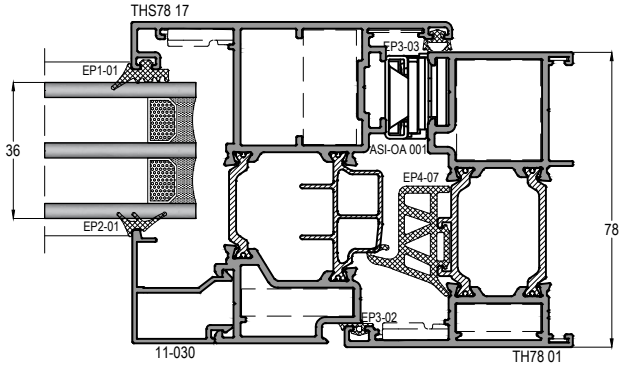


11a

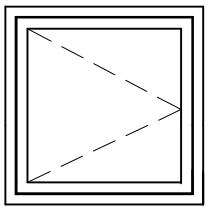


DIŞA AÇILIR PENCERE DETAYI
OUTER OPENING WINDOW DETAILS
THS78 17

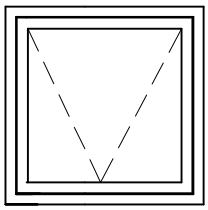


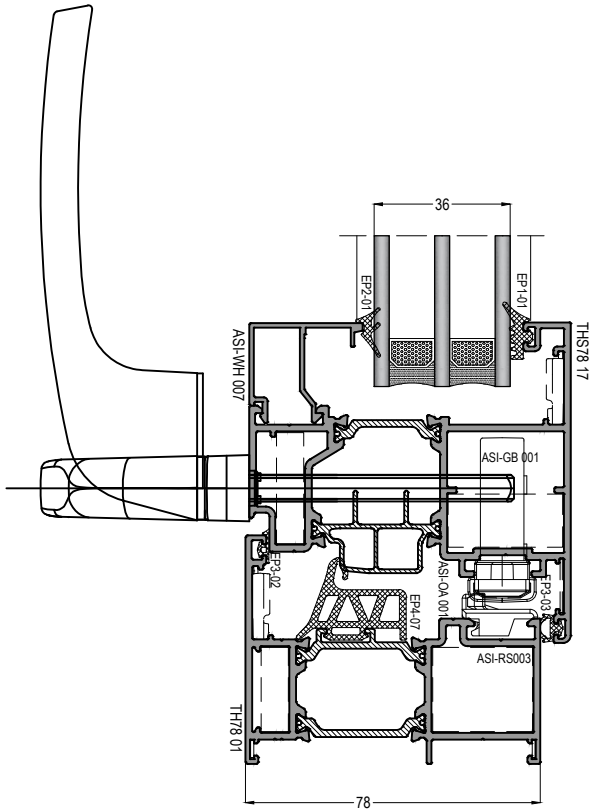


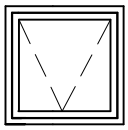
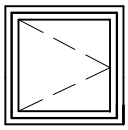
DIŞA AÇILIM PENCERE
OUT SIDE HUNG



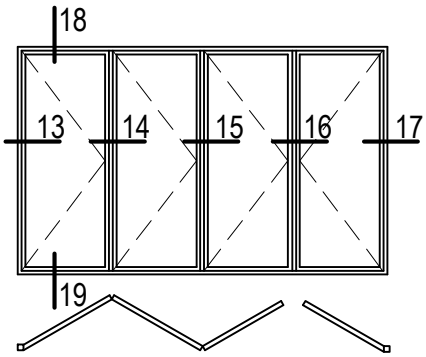
DIŞA VASİSTAS
OUT TOP HUNG



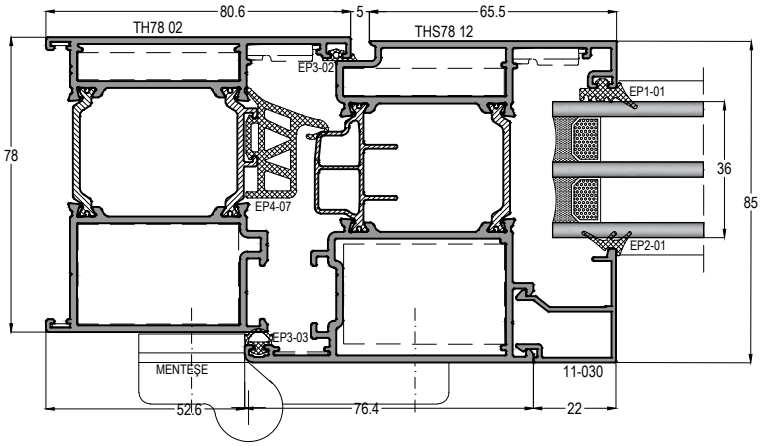


			DIŞA AÇILIM VASİSTAS MAKAS SEÇİMİ *Top-Hung Arm Selections*					DIŞA AÇILIM PENCERE MAKAS SEÇİMİ *Side-Hung Arm Selections*		
AÇIKLAMA Description	KOD Item Code	Max. Açılır Açısı Max.Opening Angle	Max.Yükseklik Max.Height (mm)	Max.Genişlik Max.Width (mm)	Max.Ağırlık Max.Weight (Kg)	Makas Yüksekliği Arm Lenght (mm)	Max. Açılır Açısı Max.Opening Angle	Max.Yükseklik Max.Height (mm)	Max.Genişlik Max.Width (mm)	Max.Ağırlık Max.Weight (Kg)
DIŞA AÇILIM MAKAS-10" Eurogrove Arm	ASI-OA 001	50°	650	1500	50	259	50° 84° *	1500	650	35
DIŞA AÇILIM MAKAS-16" Eurogrove Arm	ASI-OA 002	30° 50°	800	1500	100 55	412	30° - 50° 90° *	1600	700	60 42
DIŞA AÇILIM MAKAS-22" Eurogrove Arm	ASI-OA 003	20° 45°	1500	1700	100 80	567	-	-	-	-
DIŞA AÇILIM MAKAS-28" Eurogrove Arm	ASI-OA 004	15°	2000	1700	100	711	-	-	-	-

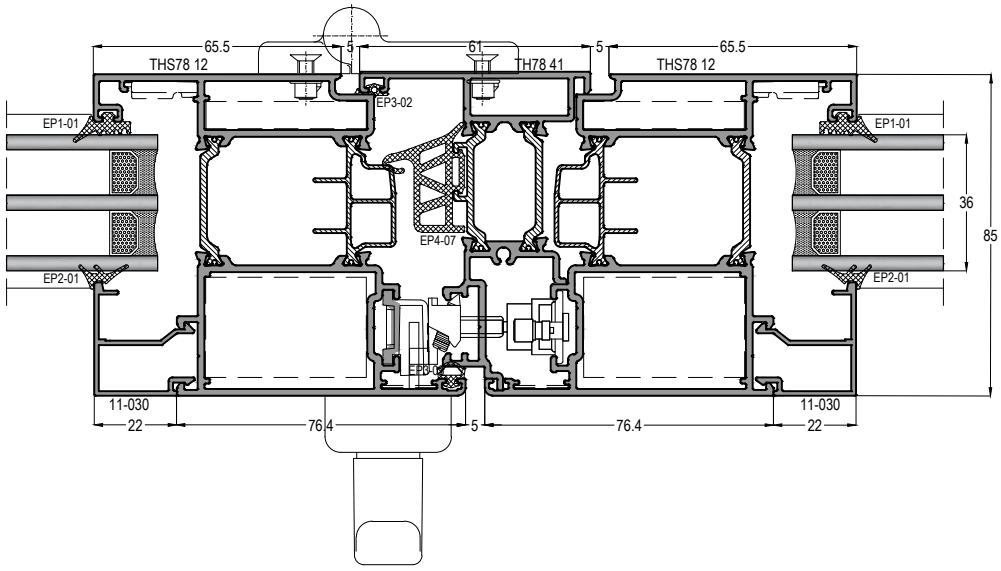
KATLANIR KAPI DETAYLARI
FOLDING DOOR DETAILS



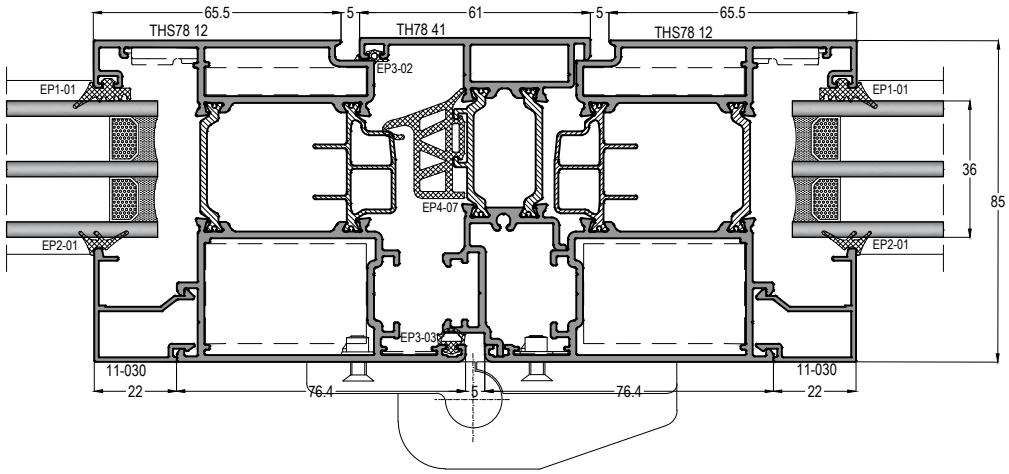
13



14

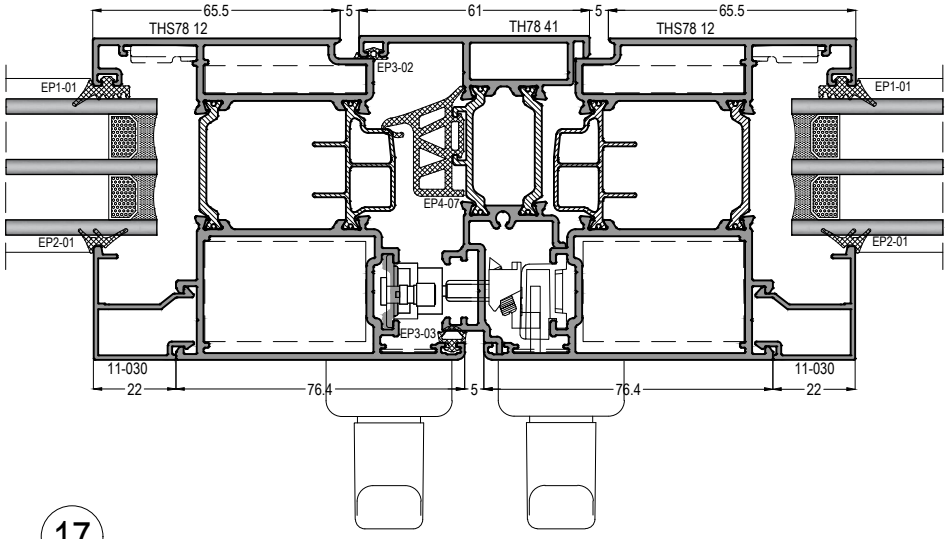


15

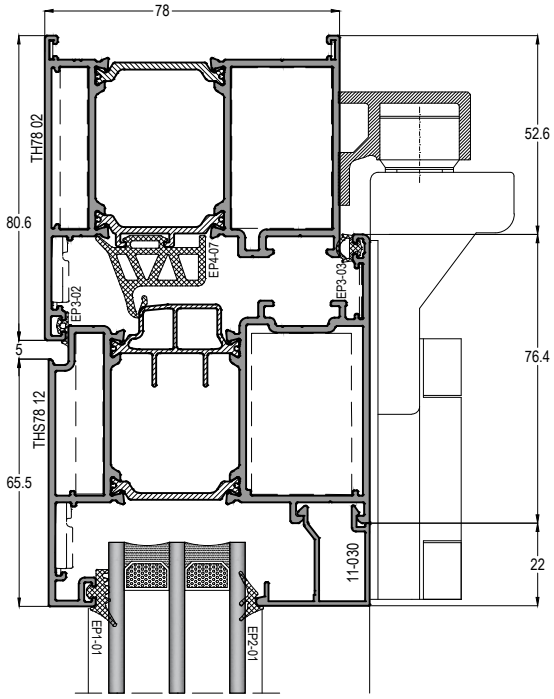


KATLANIR KAPI DETAYLARI
FOLDING DOOR DETAILS

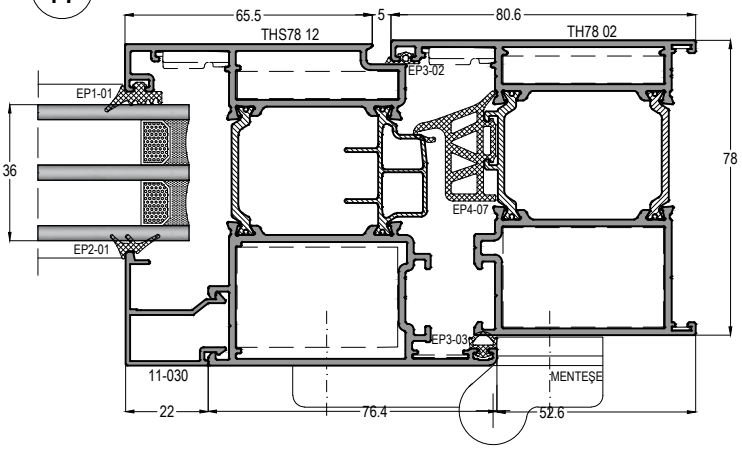
16

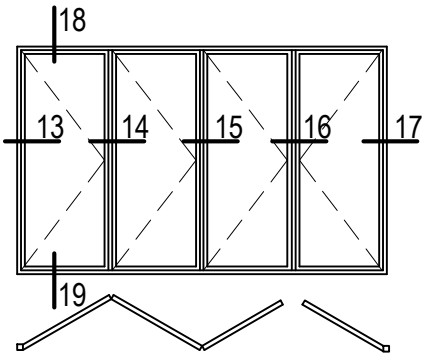


18

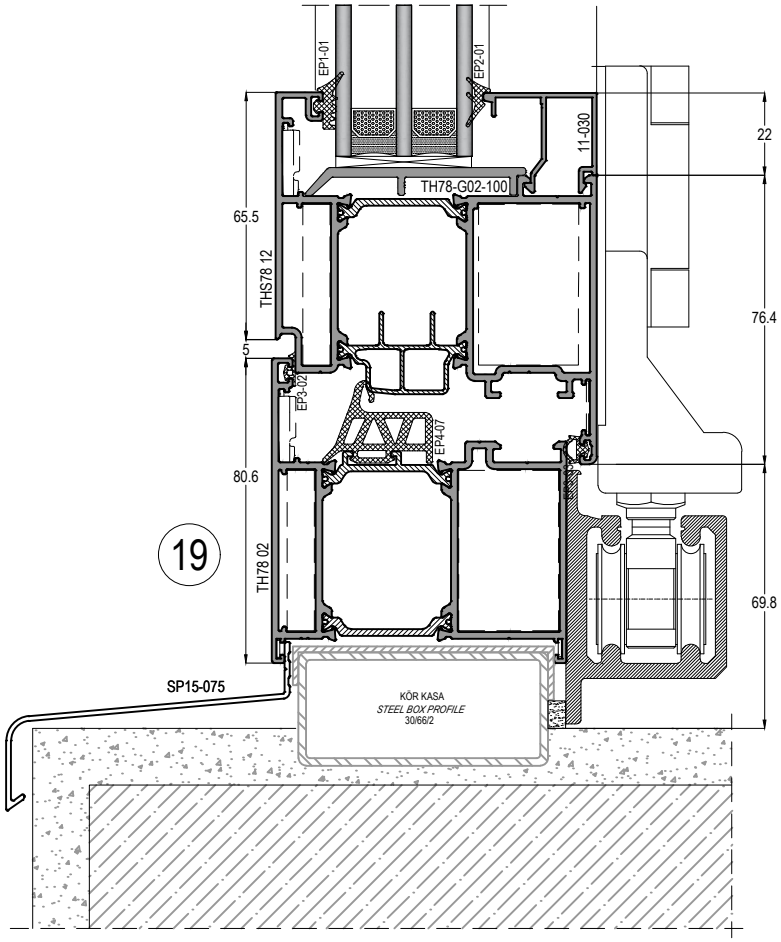


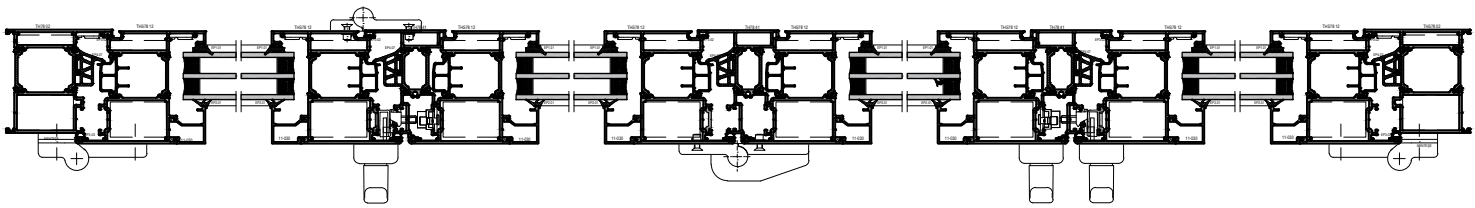
17





19

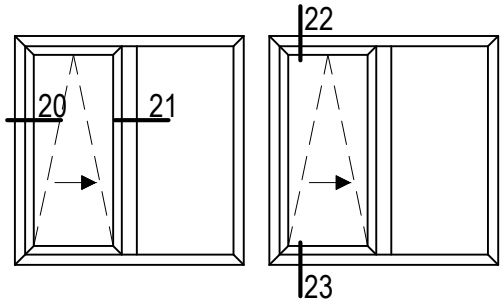




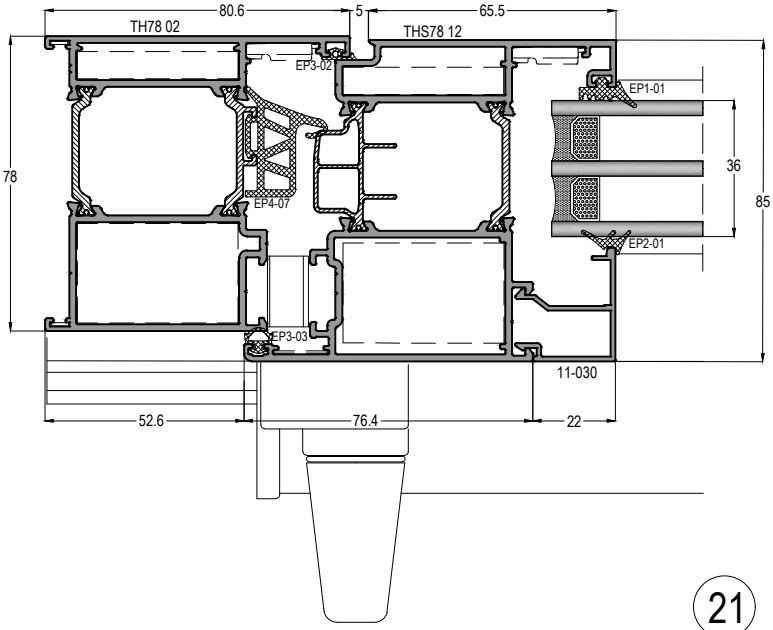
ö: 1/2

PARALEL SÜRME DETAYLARI

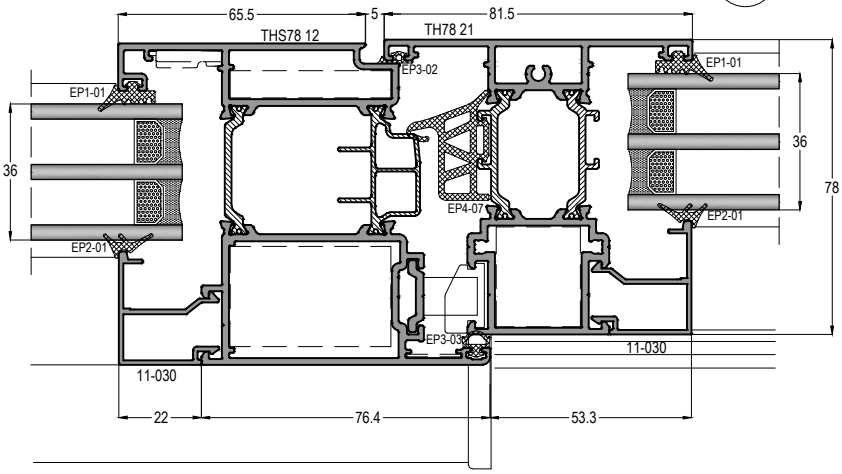
PARALEL SLIDING DETAILS



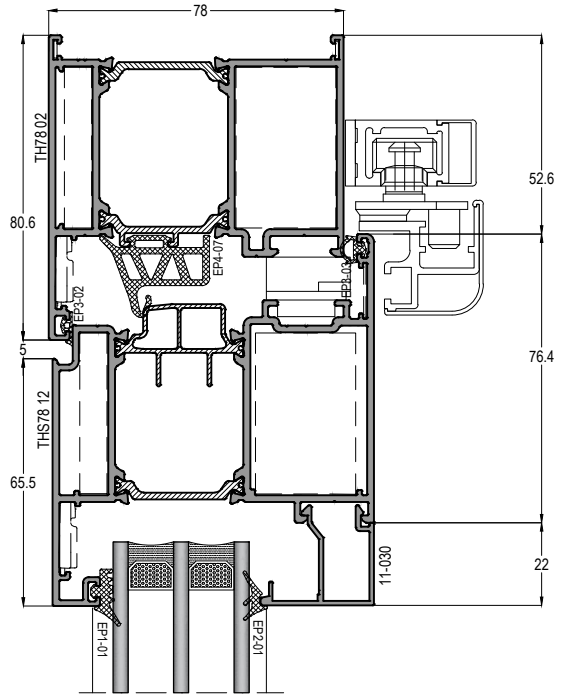
20



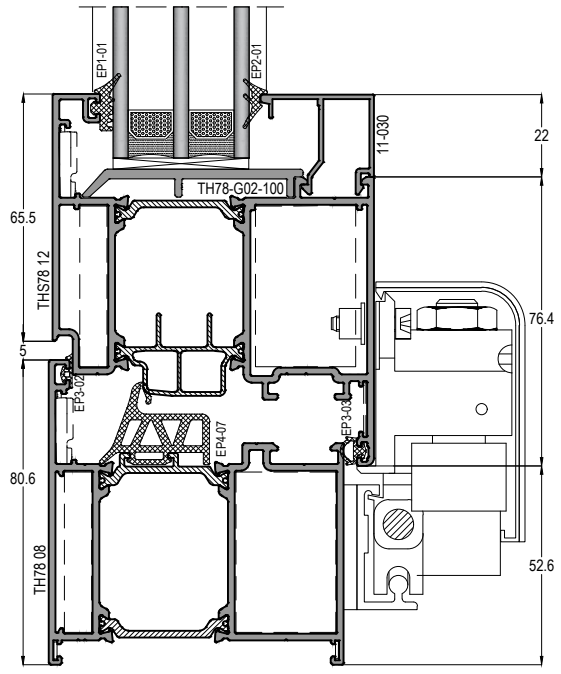
21

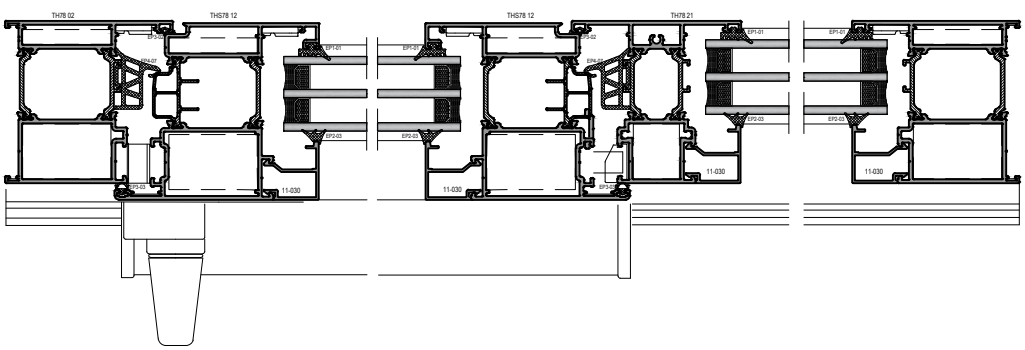


22



23



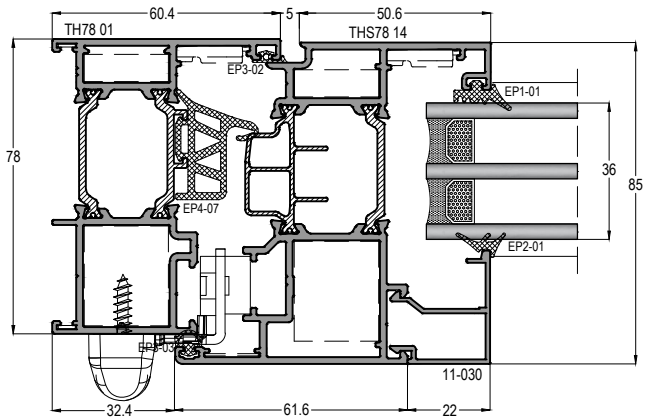


ÇOK NOKTADAN KİLİTLEME THS SİSTEM DETAYLARI

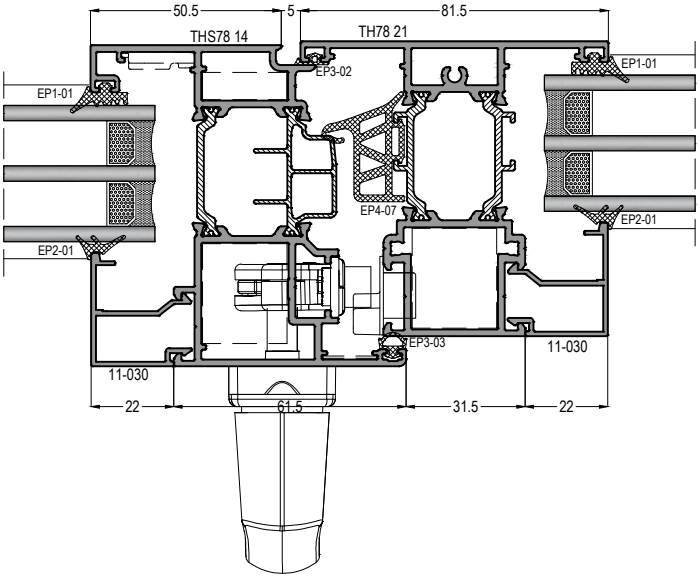
MULTI POINT LOCKING THS SYSTEM DETAILS

PENCERE AÇILIM DETAYLARI
WINDOW OPENING DETAILS

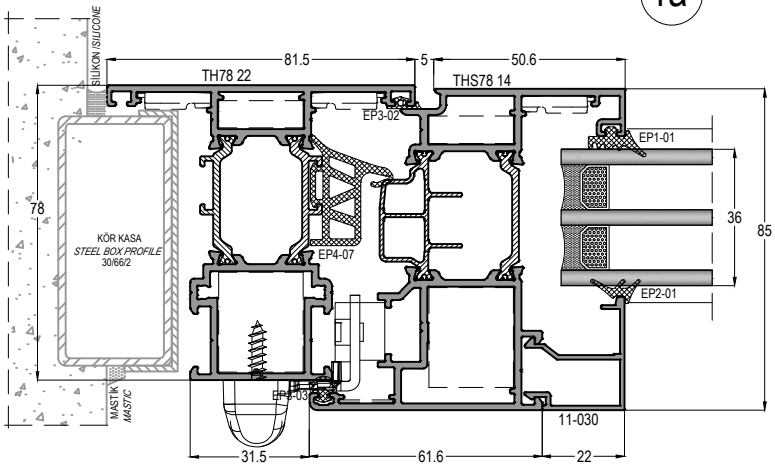
1

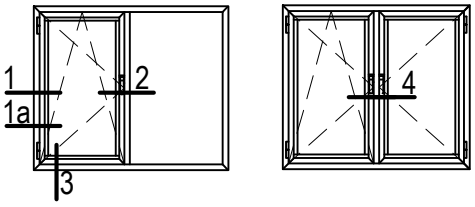


2

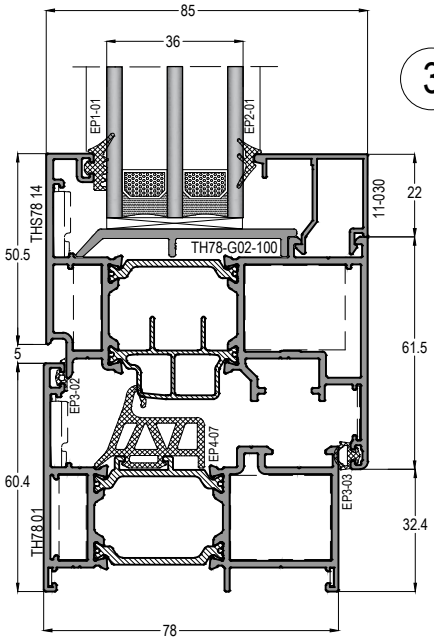


1a

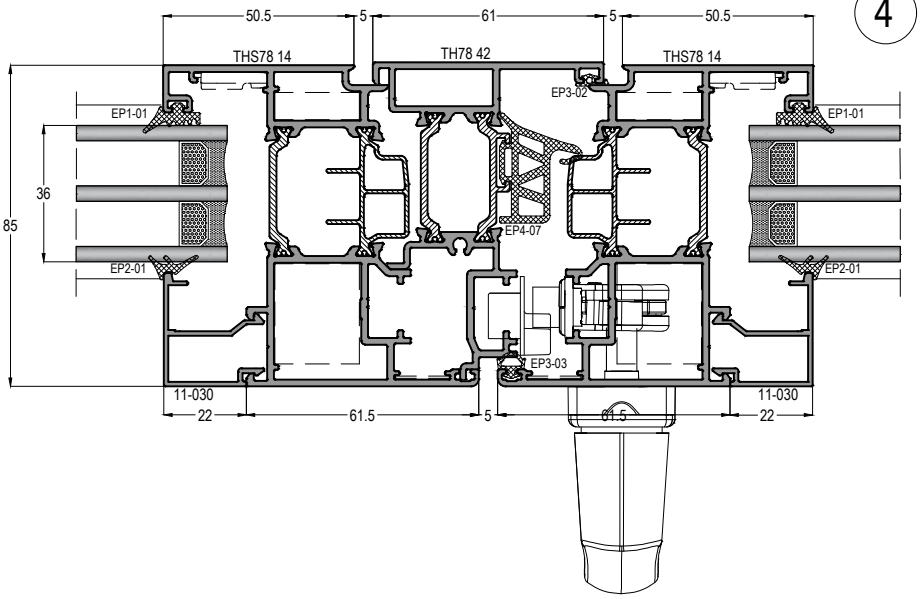




3

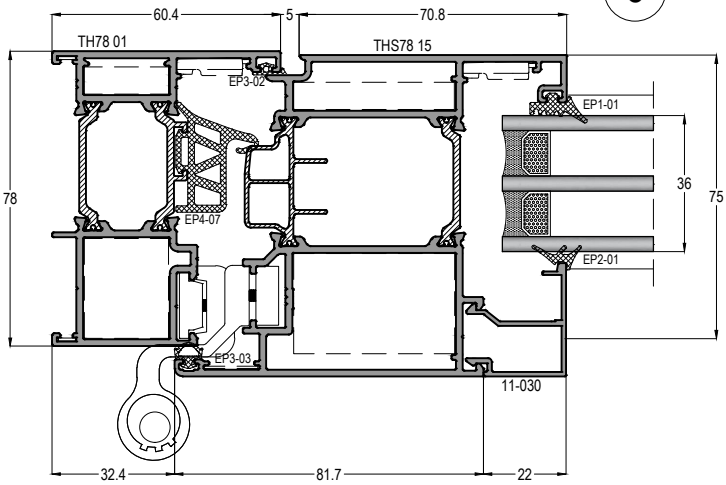


4

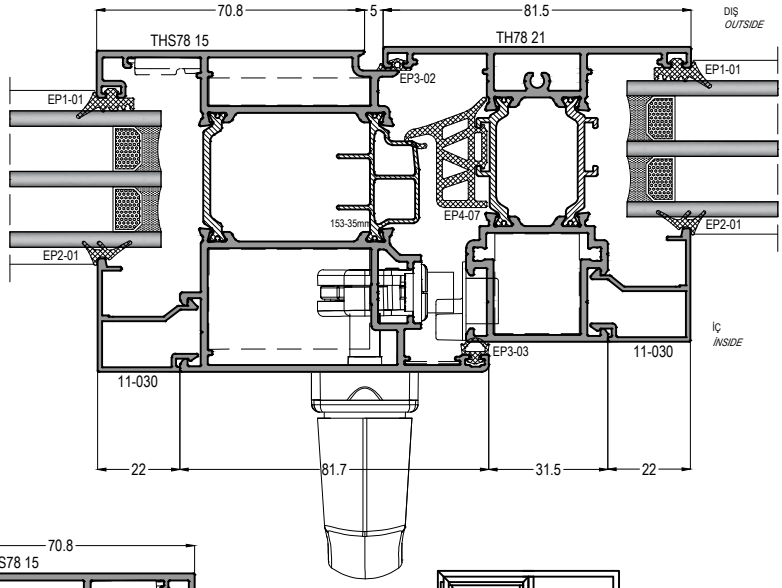


İÇE AÇILIR KAPI DETAYLARI
INNER OPENING DOOR DETAILS

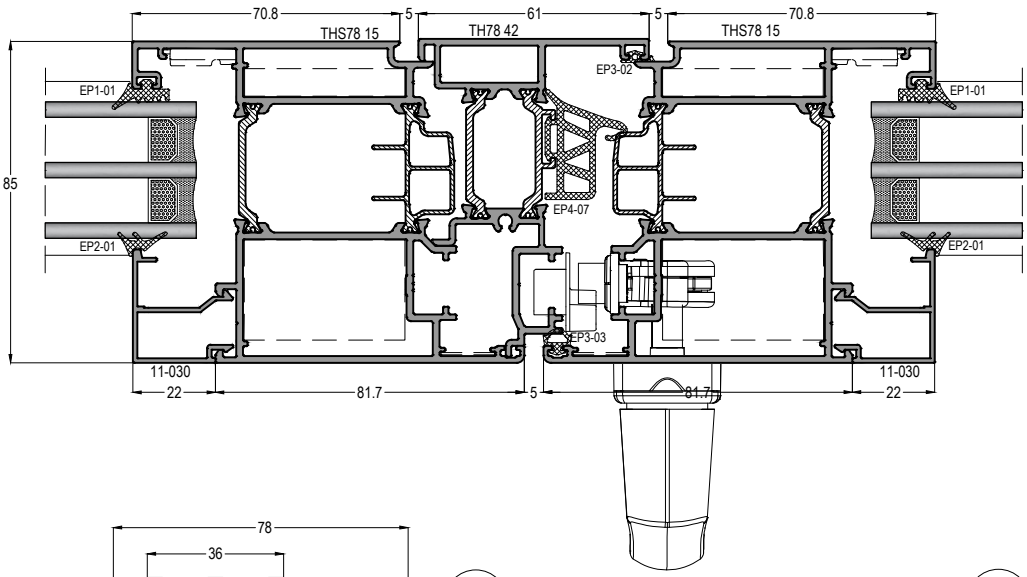
5

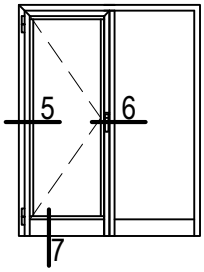


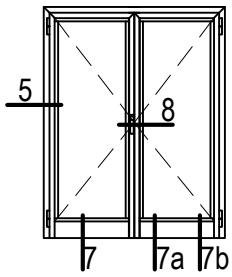
6



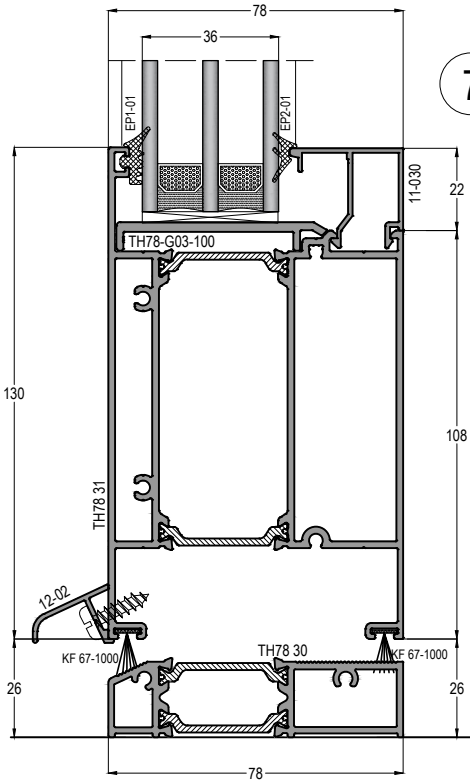
8



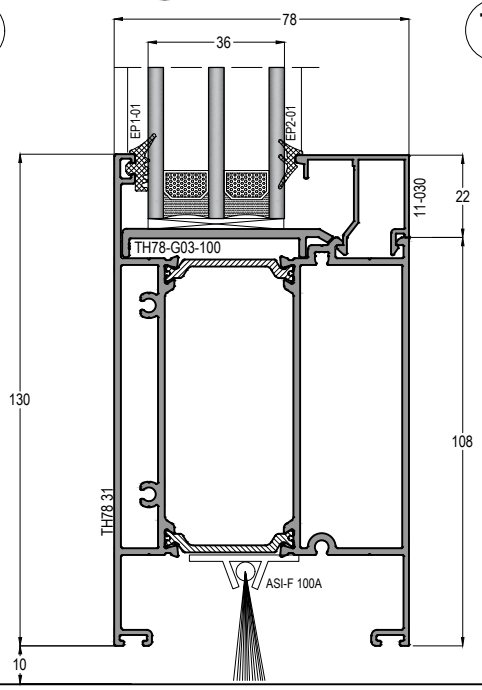




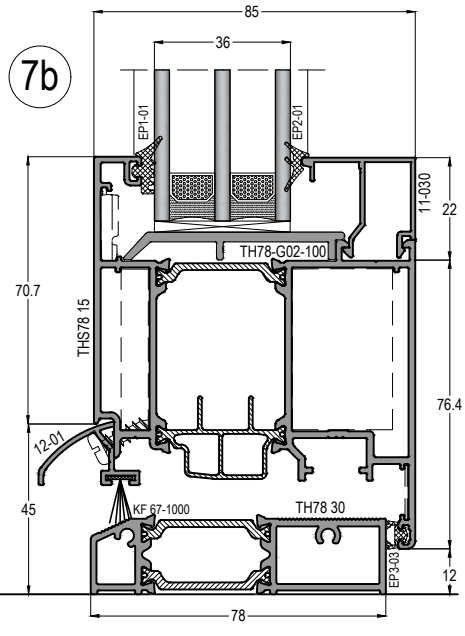
7



7a

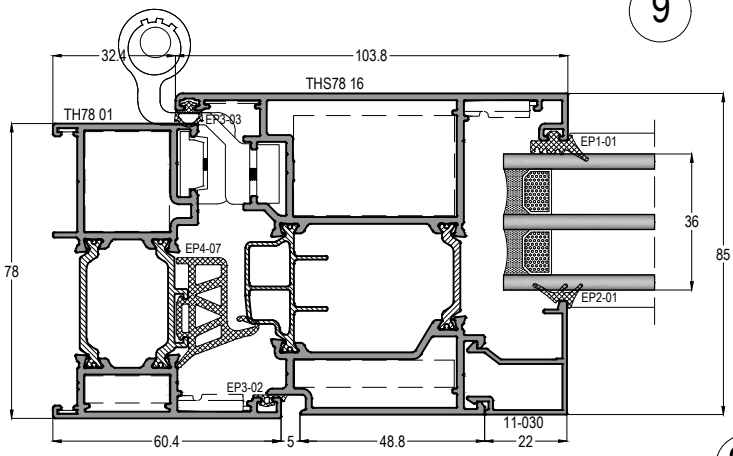


7b

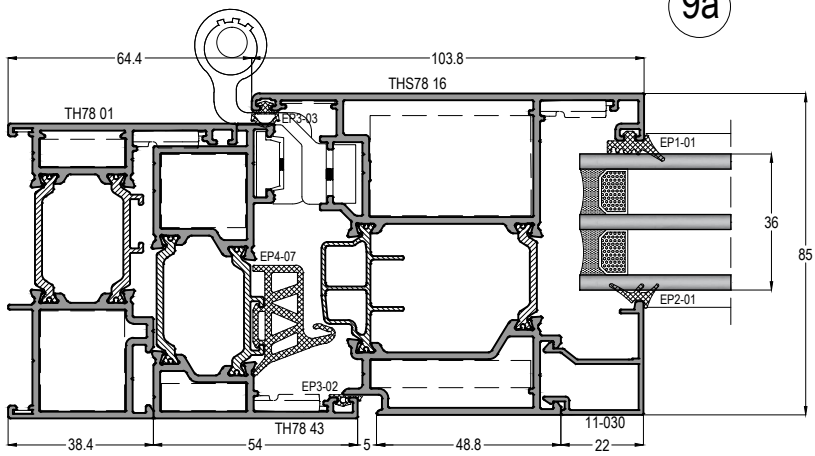


DIŞA AÇILIR KAPI DETAYLARI
OUTER OPENING DOOR DETAILS

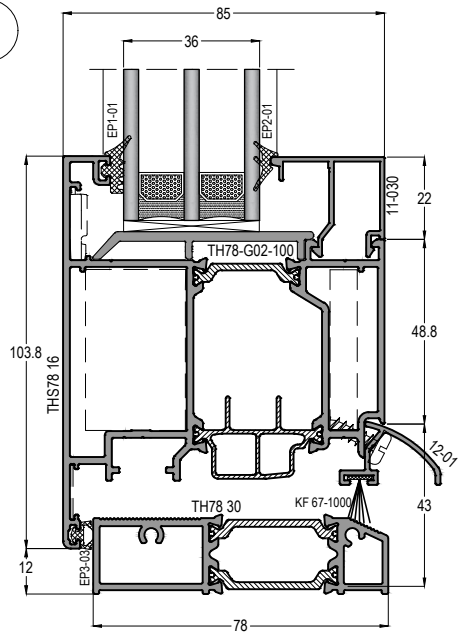
9

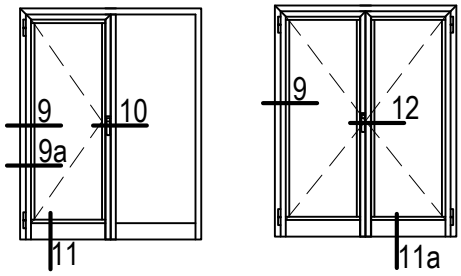


9a

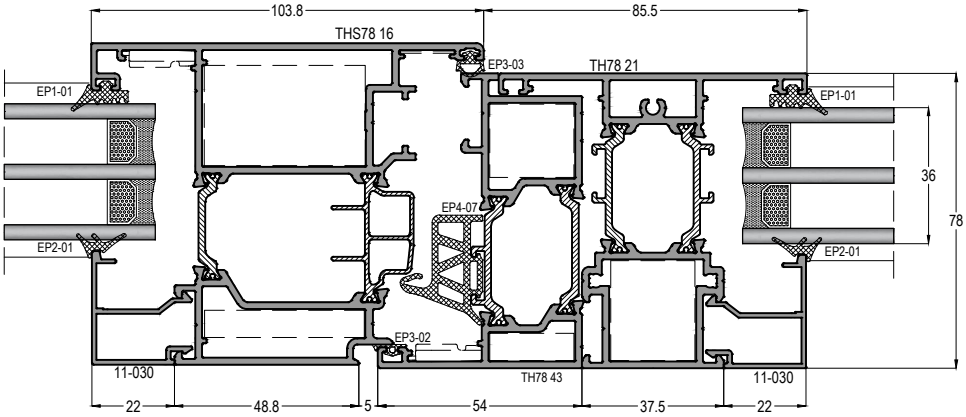


11

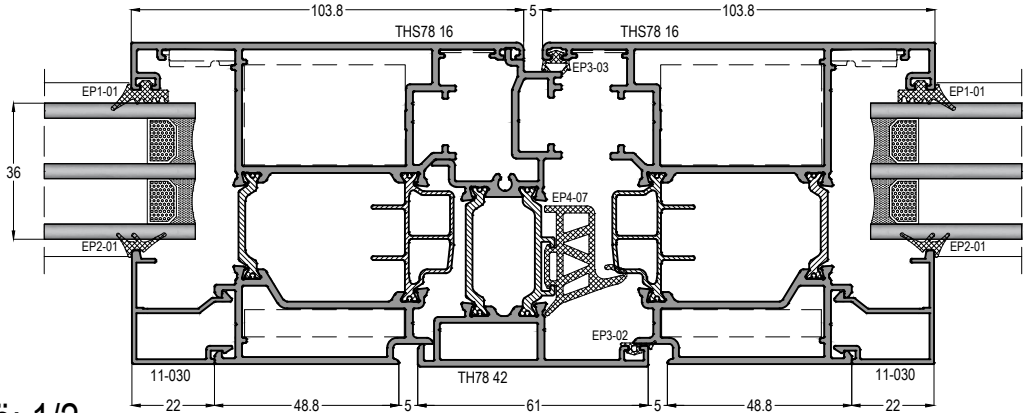




10



12



11a

