

$$U_{f,A,B} = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{16,809}{20,000} - 0,922 \cdot 0,278}{0,133} = 4,40 \text{ W/(m}^2 \cdot \text{K)}$$

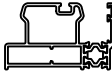
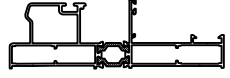

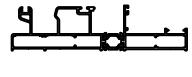
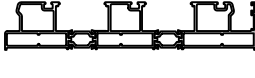
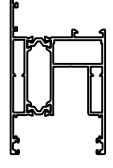
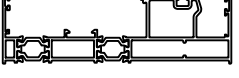
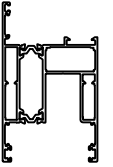
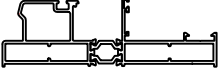
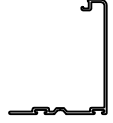
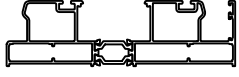
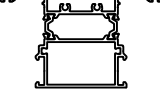
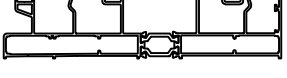
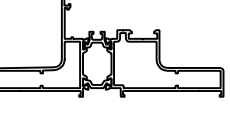
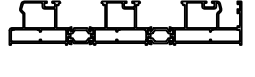
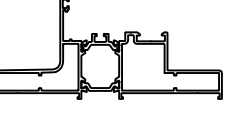
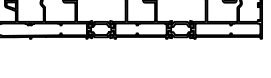

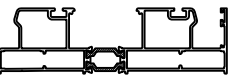

$\Phi_B = -16,809 \text{ W/m}$ $U = 0,922 \text{ W/(m}^2 \cdot \text{K)}$

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









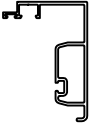






** EN ISO 10077-2:2017, 6.4.3/anisotrop

PROFİL VE AKSESUAR LİSTELERİ
PROFILE & ACCESSORIES LIST










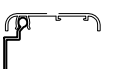





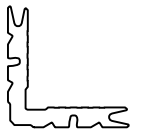

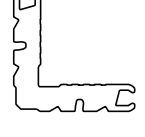


PROFİL LİSTESİ - PROFILES LIST

LS60 01			LS60 08 ECO		
KASA PROFİLİ FRAME PROFILE	AĞIRLIK / Weight 1,582 kg/mt		KASA PROFİLİ-1,4mm FRAME PROFILE	AĞIRLIK / Weight	
LS60 02			LS60 08F ECO		
KASA PROFİLİ FRAME PROFILE	AĞIRLIK / Weight 2,810 kg/mt		SİNEKLİKLİ KASA PROFİLİ-1,4mm FLY SCREEN FRAME PROFILE	AĞIRLIK / Weight SC:2/3	
LS60 03		 SC:2/3	LS60 11		
KASA PROFİLİ FRAME PROFILE	AĞIRLIK / Weight 4,188 kg/mt		KANAT PROFİLİ SASH PROFILE	Jx cm ⁴ 43,22 Jy cm ⁴ 49,37 AĞIRLIK / Weight 2,314 kg/mt	
LS60 04			LS60 12		
KASA PROFİLİ FRAME PROFILE	AĞIRLIK / Weight 2,749 kg/mt		KANAT PROFİLİ-1,4mm SASH PROFILE	Jx cm ⁴ 36,03 Jy cm ⁴ 47,29 AĞIRLIK / Weight 2,073 kg/mt	
LS60 08			LS60 42		
KASA PROFİLİ FRAME PROFILE	AĞIRLIK / Weight 2,344 kg/mt		KENET PROFİLİ CENTRAL LOCKING PROFILE	AĞIRLIK / Weight 0,669 kg/mt	
LS60 05			TH60 23		
KASA PROFİLİ-1,4mm FRAME PROFILE	AĞIRLIK / Weight 2,435 kg/mt		ORTA KAYIT PROFİLİ TRANSOM-MULLION PROFILE	AĞIRLIK / Weight 2,130 kg/mt	
LS60 05F			LS60 62		
SİNEKLİKLİ KASA PROFİLİ-1,4mm FLY SCREEN FRAME PROFILE	AĞIRLIK / Weight 2,940 kg/mt		TH62 SİSTEM GEÇİŞ KASA PROFİLİ FRAME PROFILE FOR TH62	AĞIRLIK / Weight 2,423 kg/mt	
LS60 09		 SC:2/3	LS60 68		
KASA PROFİLİ-1,4mm FRAME PROFILE	AĞIRLIK / Weight 3,678 kg/mt		TH68 SİSTEM GEÇİŞ KASA PROFİLİ FRAME PROFILE FOR TH68	AĞIRLIK / Weight 2,411 kg/mt	
LS60 09F		 SC:2/3	LS60 41		
KASA PROFİLİ-1,4mm FRAME PROFILE	AĞIRLIK / Weight 4,181 kg/mt		ADAPTÖR PROFİLİ ADAPTER PROFILE	AĞIRLIK / Weight 0,967 kg/mt	
LS60 02 ECO			LS60 31		
KASA PROFİLİ-1,4mm FRAME PROFILE	AĞIRLIK / Weight 0,685 kg/mt		KAPAK PROFİLİ COVER PROFILE	AĞIRLIK / Weight	














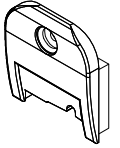

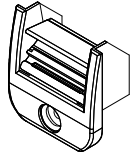

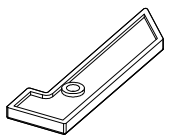

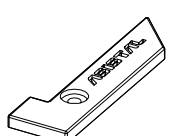
PROFİL LİSTESİ - PROFILES LIST

LS60 32			LS60 72		
DEKORATİF KAPAK PROFİLİ DECORATIVE COVER PROFILE	AĞIRLIK / Weight 0,709 kg/mt		KULP KAPAK PROFİLİ HANDLE COVER PROFILE	AĞIRLIK / Weight 0,420 kg/mt	
LS60-40			1042		
KAPAK PROFİLİ COVER PROFILE	AĞIRLIK / Weight 0,722 kg/mt		SİNEKLİK RAY PROFİLİ FLYSCREEN RAIL PROFILE	AĞIRLIK / Weight 0,551 kg/mt	
LS60 33			13-09986		
KAPAK PROFİLİ COVER PROFILE	AĞIRLIK / Weight 0,523 kg/mt		SİNEKLİK RAY PROFİLİ FLYSCREEN RAIL PROFILE	AĞIRLIK / Weight 0,741 kg/mt	
LS60 34			12-71		
DEKORATİF KAPAK PROFİLİ DECORATIVE COVER PROFILE	AĞIRLIK / Weight 0,546 kg/mt		ADAPTÖR PROFİLİ ADAPTER PROFILE	AĞIRLIK / Weight 0,545 kg/mt	
LS60 43			12-72		
3'LÜ KANAT ADAPTÖR PROFİLİ ADAPTER PROFILE	AĞIRLIK / Weight 1,112 kg/mt		ADAPTÖR PROFİLİ ADAPTER PROFILE	AĞIRLIK / Weight 0,285 kg/mt	
LS60 61					
SİNEKLİK RAY PROFİLİ FLYSCREEN RAIL PROFILE	AĞIRLIK / Weight 0,391 kg/mt				
15-304216-09					
SİNEKLİK KANAT PROFİLİ FLYSCREEN SASH PROFILE	AĞIRLIK / Weight 0,351 kg/mt				
15-306317-11					
SİNEKLİK KANAT PROFİLİ FLYSCREEN SASH PROFILE	AĞIRLIK / Weight 0,561 kg/mt				
LS60 35					
KANAT SABİTLEME PROFİLİ SASH FIXING PROFILE	AĞIRLIK / Weight 0,672 kg/mt				
LS60 71					
KULP PROFİLİ HANDLE PROFILE	AĞIRLIK / Weight 2,050 kg/mt				

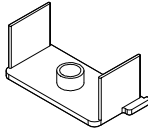
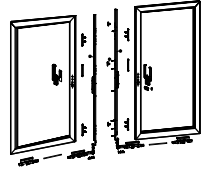
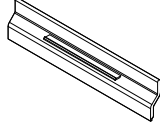
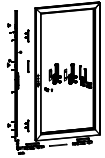
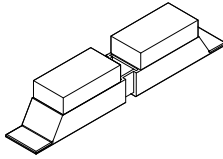
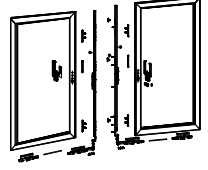
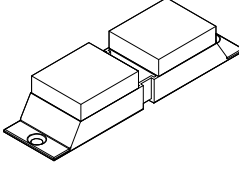
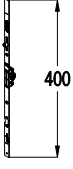
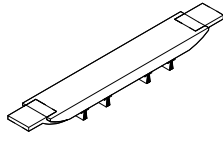
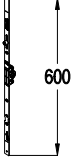
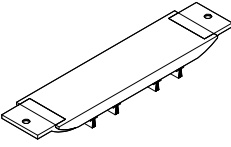
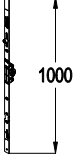
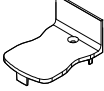
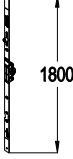
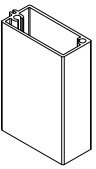
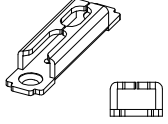

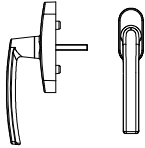


PROFİL LİSTESİ - PROFILES LIST

11-004			11-032		
CAM ÇİTASI-4 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,181 kg/mt		CAM ÇİTASI-32 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,315 kg/mt	
11-106			11-035		
CAM ÇİTASI-6 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,200 kg/mt		CAM ÇİTASI-35 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,323 kg/mt	
11-010			11-038		
CAM ÇİTASI-10 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,233 kg/mt		CAM ÇİTASI-38 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,334 kg/mt	
11-015			12-52		
CAM ÇİTASI-15 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,241 kg/mt		PERVAZ PROFİLİ BORDER PROFILE	AĞIRLIK / Weight 0,279 kg/mt	
11-017			12-53		
CAM ÇİTASI-17 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,250 kg/mt		PERVAZ MONTAJ PROFİLİ BORDER FIXING PROFILE	AĞIRLIK / Weight 0,177 kg/mt	
11-020			LS60 44		
CAM ÇİTASI-20 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,276 kg/mt		İSPANYOLET KİLİTLEME ADAPTÖR PROFİLİ MULTI POINT LOCK ADAPTER	AĞIRLIK / Weight 0,284 kg/mt	
11-022			SL-1515		
CAM ÇİTASI-22 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,282 kg/mt		KASA MONTAJ PROFİLİ FRAME ASSEMBLY PROFILE	AĞIRLIK / Weight 0,092 kg/mt	
11-026			10-010106-00		
CAM ÇİTASI-26 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,296 kg/mt		KÖŞE TAKOZU-10,6 mm CORNER JOINT	AĞIRLIK / Weight 2,653 kg/mt	
11-028			10-010140-00		
CAM ÇİTASI-28 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,302 kg/mt		KÖŞE TAKOZU-14,2 mm CORNER JOINT	AĞIRLIK / Weight 3,582 kg/mt	
11-030			10-010225-00		
CAM ÇİTASI-30 mm GLAZING BEAD PROFILE	AĞIRLIK / Weight 0,308 kg/mt		KÖŞE TAKOZU-22,5 mm CORNER JOINT	AĞIRLIK / Weight 3,564 kg/mt	

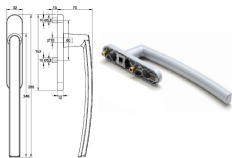
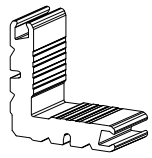

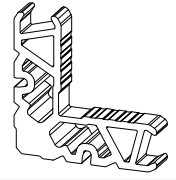
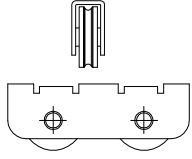
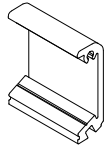

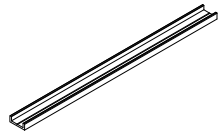



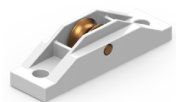

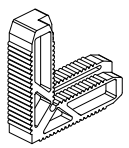
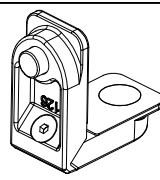
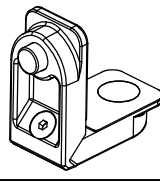
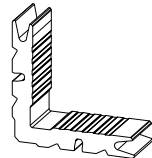
AKSESUAR LİSTESİ - ACCESSORIES LIST

EP1-01			KF 67-600		
DIŞ CAM FİTİLİ - 2,5 mm OUTER GLAZING GASKET	KOLİ MİKTARI/Package 240 mt / 15 kg		FIRÇA FİTİL-6mm BRUSH GASKET	KOLİ MİKTARI/Package 1300 mt / koli	
EP2-01			KF 67-700		
İÇ CAM FİTİLİ - 3 mm INNER GLAZING GASKET	KOLİ MİKTARI/Package 440 mt / 15 kg		FIRÇA FİTİL-7mm BRUSH GASKET	KOLİ MİKTARI/Package 1100 mt / koli	
EP2-02			KF 67-1000		
İÇ CAM FİTİLİ - 4 mm INNER GLAZING GASKET	KOLİ MİKTARI/Package 300 mt / 15 kg		FIRÇA FİTİL-10mm BRUSH GASKET	KOLİ MİKTARI/Package 600 mt / koli	
EP2-03			MO60-10		
İÇ CAM FİTİLİ - 5 mm INNER GLAZING GASKET	KOLİ MİKTARI/Package 250 mt / 15 kg		KENET PVC PROFİL CENTRAL LOCKING PVC PROFILE	KOLİ MİKTARI/Package 6 mt / Adet	
EP60-03			MO60-07		
KANAT ÜST FİTİLİ SASH GASKET	KOLİ MİKTARI/Package 330 mt / 15 kg		KASA KANAL PLASTİĞİ LS60 04 KASA İÇİN PVC PROFILE FOR LS60 04	KOLİ MİKTARI/Package 6 mt / Adet	
EP60-04			MO60-08		
KENET FİTİLİ CENTRAL LOCKING GASKET	KOLİ MİKTARI/Package 300 mt / 15 kg		KASA KANAL PLASTİĞİ LS60 02 ve LS60 03 İÇİN PVC PROFILE FOR LS60 02 & LS60 03	KOLİ MİKTARI/Package 6 mt / Adet	
EP60-05			MO60-01		
KANAT FİTİLİ SASH GASKET	KOLİ MİKTARI/Package 300 mt / 15 kg		KENET KAPAĞI-ALT INTERLOCK PROFILE-BOTTOM	KOLİ MİKTARI/Package Adet / Piece	
EP38-02			MO60-02		
KASA KANAL FİTİLİ FRAME GASKET	KOLİ MİKTARI/Package 535 mt / 15 kg		KENET KAPAĞI-ÜST INTERLOCK PROFILE-TOP	KOLİ MİKTARI/Package Adet / Piece	
INT2-02			MO60-03		
KANAL FİTİLİ ADAPTER GASKET	KOLİ MİKTARI/Package 350 mt / 15 kg		MO60-10 İÇİN KAPAK-ALT COVER FOR MO60-10-BOTTOM	KOLİ MİKTARI/Package Adet / Piece	
EP38-03			MO60-04		
SABİT ÇITA FİTİLİ FIXED FRAME GASKET	KOLİ MİKTARI/Package 145 mt / 13 kg		MO60-10 İÇİN KAPAK-ÜST COVER FOR MO60-10-TOP	KOLİ MİKTARI/Package Adet / Piece	

AKSESUAR LİSTESİ - ACCESSORIES LIST

MO60-12			LS60-MEK1D		
4 LÜ KANAT KİLİTLEME ADAPTÖR KAPAĞI MEETING STILE CAP	KOLİ MİKTARI/Package Adet / Piece		300 kg KAPASİTELİ 4'LÜ KANAT MEKANİZMA LIFT & SLIDE MECHANISM	KOLİ MİKTARI/Package Takım / Set	
MO60-13			LS60-MEK2		
KANAT DENGELEME PLASTİĞİ SASH STABILIZATION SPACER	KOLİ MİKTARI/Package Adet / Piece		200 kg KAPASİTELİ KALDIR-SÜR MEKANİZMA LIFT & SLIDE MECHANISM	KOLİ MİKTARI/Package Takım / Set	
MO60-05D			LS60-MEK2D		
ALT HAVA KESİCİ LS60 04 KASA İÇİN CENTRAL SEALING-BOTTOM FOR LS60 04	KOLİ MİKTARI/Package Adet / Piece		200 kg KAPASİTELİ 4'LÜ KANAT MEKANİZMA LIFT & SLIDE MECHANISM	KOLİ MİKTARI/Package Takım / Set	
MO60-05G			ASI-ISP15.0		
ALT HAVA KESİCİ CENTRAL SEALING-BOTTOM	KOLİ MİKTARI/Package Adet / Piece		İSPANYOLET KİLİTLEME (400mm) - 15.5 AKS MULTI POINT LOCK	KOLİ MİKTARI/Package Adet / Piece	
MO60-06D			ASI-ISP15.1		
ÜST HAVA KESİCİ LS60 04 KASA İÇİN CENTRAL SEALING-TOP FOR LS60 04	KOLİ MİKTARI/Package Adet / Piece		İSPANYOLET KİLİTLEME (600mm) - 15.5 AKS MULTI POINT LOCK	KOLİ MİKTARI/Package Adet / Piece	
MO60-06G			ASI-ISP15.2		
ÜST HAVA KESİCİ CENTRAL SEALING-TOP	KOLİ MİKTARI/Package Adet / Piece		İSPANYOLET KİLİTLEME (1000mm)-15.5 AKS MULTI POINT LOCK	KOLİ MİKTARI/Package Adet / Piece	
MO60-19			ASI-ISP15.3		
KOL PROFİL KAPAĞI HANDLE PROFILE CAP	KOLİ MİKTARI/Package alt-üst takım / set		İSPANYOLET KİLİTLEME (1800mm) - 15.5 AKS MULTI POINT LOCK	KOLİ MİKTARI/Package Adet / Piece	
LS60-DB 3560			ASI-ISP K03		
KANAT SABİTLEME PARÇASI SASH FIXING	KOLİ MİKTARI/Package Adet / Piece		İSPANYOLET KİLİT KARŞILIK MULTI POINT LOCK STRIKER	KOLİ MİKTARI/Package Adet / Piece	
ASI-WDC 01			ASI-WH 002		
YAĞMUR TAHLİYE KAPAĞI WATER REJECT COVER	KOLİ MİKTARI/Package Adet / Piece		İSPANYOLET KİLİTLEME KOL MULTI POINT LOCK HANDLE	KOLİ MİKTARI/Package Adet / Piece	
LS60-MEK1			ASI-LS-H01		
300 kg KAPASİTELİ KALDIR-SÜR MEKANİZMA LIFT & SLIDE MECHANISM	KOLİ MİKTARI/Package Takım / Set		LAVAAL KALDIR-SÜR KOLU LIFT&SLIDE HANDLE	KOLİ MİKTARI/Package Takım / Set	

AKSESUAR LİSTESİ - ACCESSORIES LIST

ASI-LS-H01A			ASI-KT 1429		
LAVAAL KALDIR-SÜR KOLU TEKLİ LIFT&SLIDE HANDLE SINGLE	KOLİ MİKTARI/Package Adet / Piece		KÖŞE TAKOZU CORNER JOINT	KOLİ MİKTARI/Package Adet / Piece	
ASI-LS-H02			ASI-KT 2307		
LAVAAL KALDIR-SÜR KOLU KİLİTLİ LIFT&SLIDE HANDLE LOCK	KOLİ MİKTARI/Package Takım / Set		KÖŞE TAKOZU CORNER JOINT	KOLİ MİKTARI/Package Adet / Piece	
ASI-SR 04			ASI-DB 9143		
NORMAL SÜRME RULMAN (U TİPİ RAY) NORMAL SLIDING ROLLER FOR RAIL TYPE - U	KOLİ MİKTARI/Package Adet / Piece		DİK BAĞLANTI T JOINT	KOLİ MİKTARI/Package Adet / Piece	
ASI-SR 02R			ASI-SL1520		
AYARLI ÇİFTLİ RULMAN (U TİPİ RAY İÇİN) DOUBLE SLIDING ROLLER FOR RAIL TYPE - U	KOLİ MİKTARI/Package Adet / Piece		KASA MONTAJ PARÇASI FRAME ASSEMBLY PART	KOLİ MİKTARI/Package Adet / Piece	
ASI-INR 01			ASI-5025		
ÇELİK RAY STEEL RAIL_LS60-LSDR	KOLİ MİKTARI/Package 6 mt / Adet		SİNEKLİK FİTİLİ FLYSCREEN GASKET	KOLİ MİKTARI/Package 100 mt	
ASI-INR 02			ASI-BZ 5060		
ÇELİK RAY STEEL RAIL_LS60-SD	KOLİ MİKTARI/Package 6 mt / Adet		SİNEKLİK KANAT RULMAN FLYSCREEN SASH ROLLER	KOLİ MİKTARI/Package Adet / Piece	
ASI-SB 19.1			ASI-BZ 5007		
KÖŞE GÖNYESİ CORNER ALIGNMENT	KOLİ MİKTARI/Package 1000 Adet / Piece		SİNEKLİK KÖŞE TAKOZU FLYSCREEN CORNER JOINT	KOLİ MİKTARI/Package Adet / Piece	
ASI-PB 1126					
PİMLİ KÖŞE BAĞLANTI CORNER JOINT	KOLİ MİKTARI/Package 11 x 26 mm				
ASI-PB 1124 (MON / 0404)					
KÖŞE BAĞLANTI CORNER JOINT	KOLİ MİKTARI/Package 11 x 24 mm				
ASI-KT 1126					
KÖŞE TAKOZU CORNER JOINT	KOLİ MİKTARI/Package Adet / Piece				

LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEMİ
THERMAL LIFT&SLIDE SYSTEM

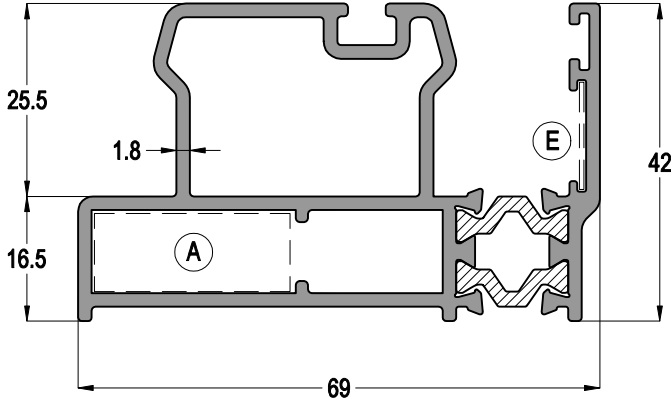
ASISTAL

PROFİL DETAYLARI
PROFILE DETAILS

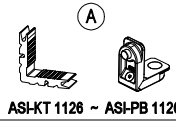
LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL

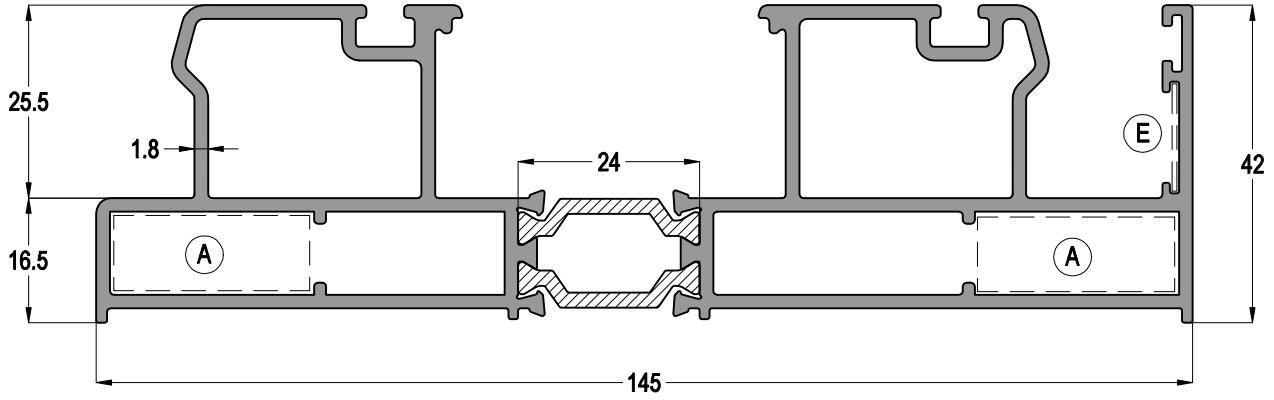


LS60 01

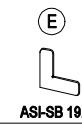
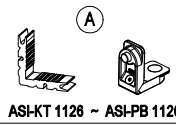


AĞIRLIK / Weight

1,582 kg/mt



LS60 02

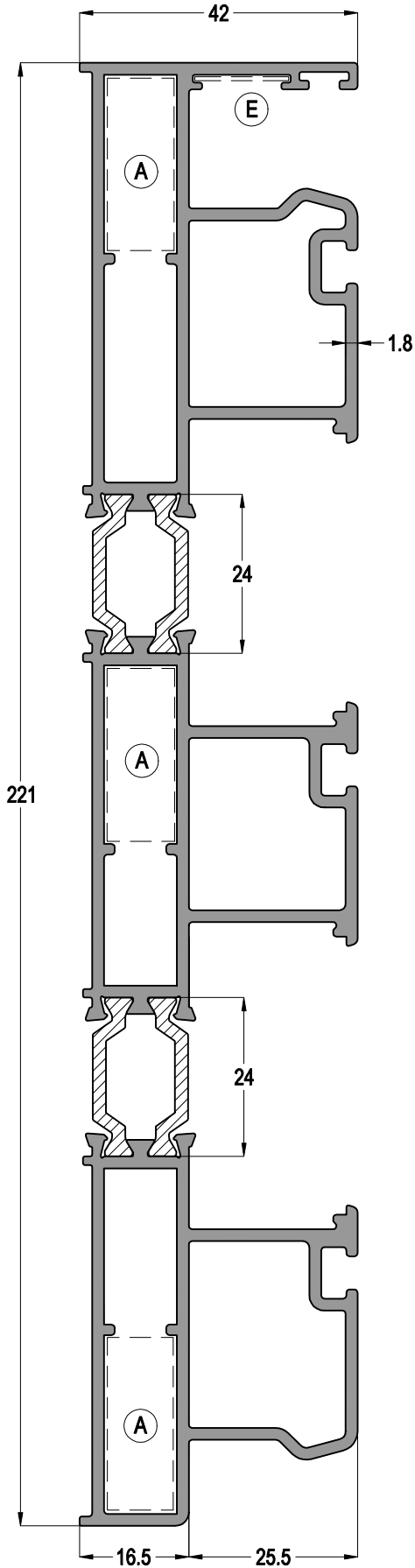


AĞIRLIK / Weight



2,810 kg/mt

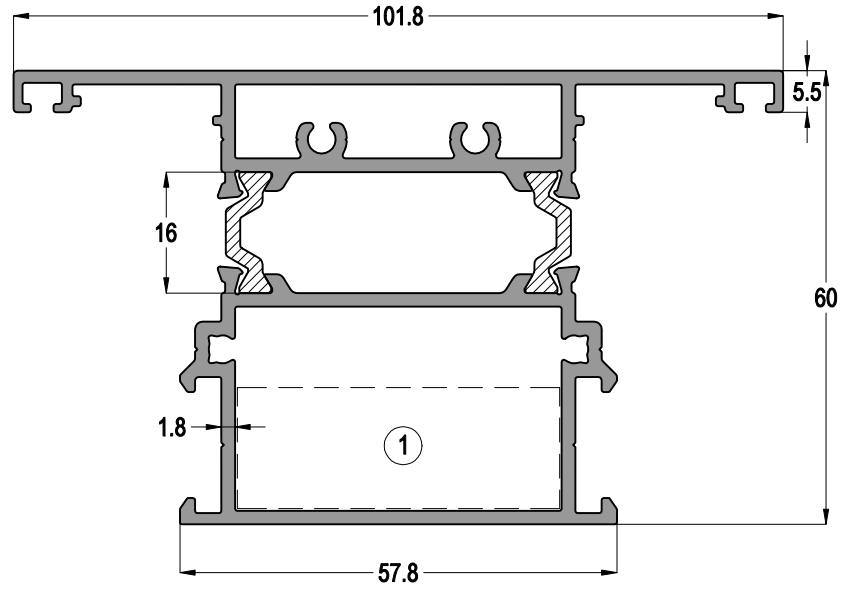
LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM




LS60 03

 ASI-KT 1126 ~ ASI-PB 1126	 ASI-SB 19.1	AĞIRLIK / Weight 4,188 kg/mt
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TH60 23

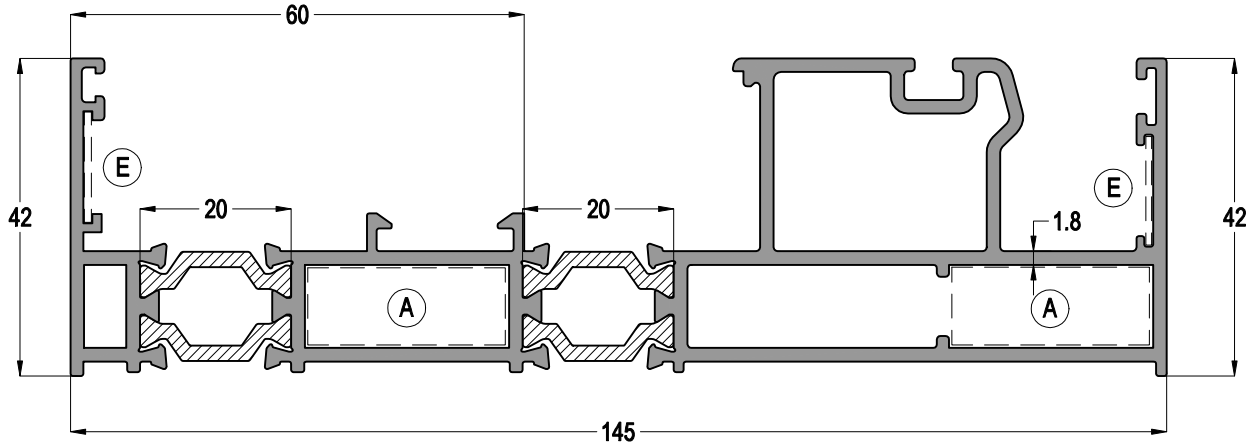
 ASI-DB 9143	AĞIRLIK / Weight 2,130 kg/mt
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Profil ağırlıklarımız teorik olup; teslim anındaki tartımız geçerlidir.
Profile weights are theoretical and the weight at the time of delivery is valid.

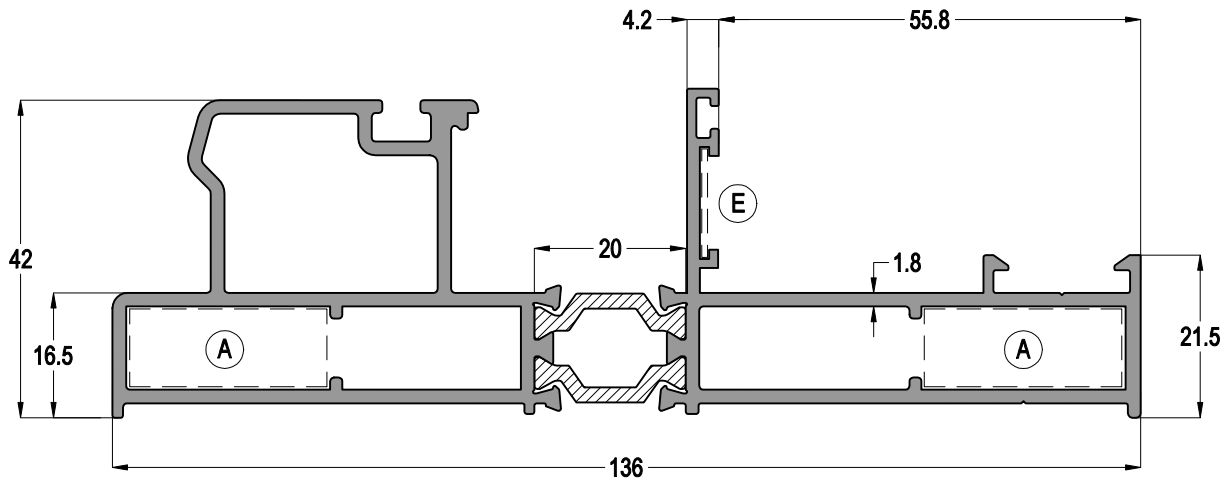
LS60 - 1,8mm



YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL



LS60 04		
		AĞIRLIK / Weight
ASI-KT 1126 ~ ASI-PB 1126	ASI-SB 19.1	2,749 kg/mt



LS60 08		
		AĞIRLIK / Weight
ASI-KT 1126 ~ ASI-PB 1126	ASI-SB 19.1	2,344 kg/mt

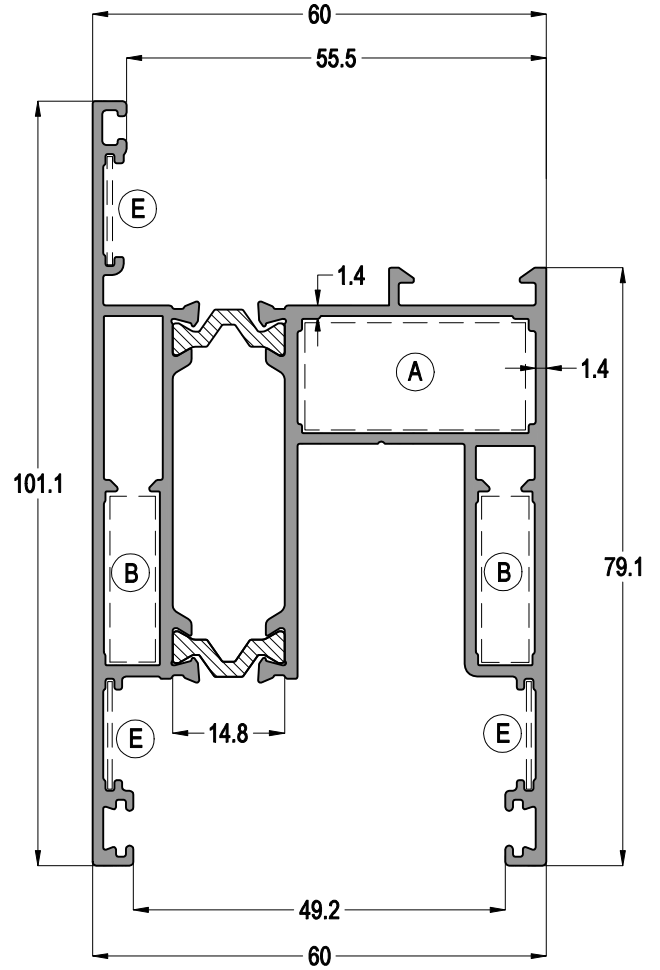
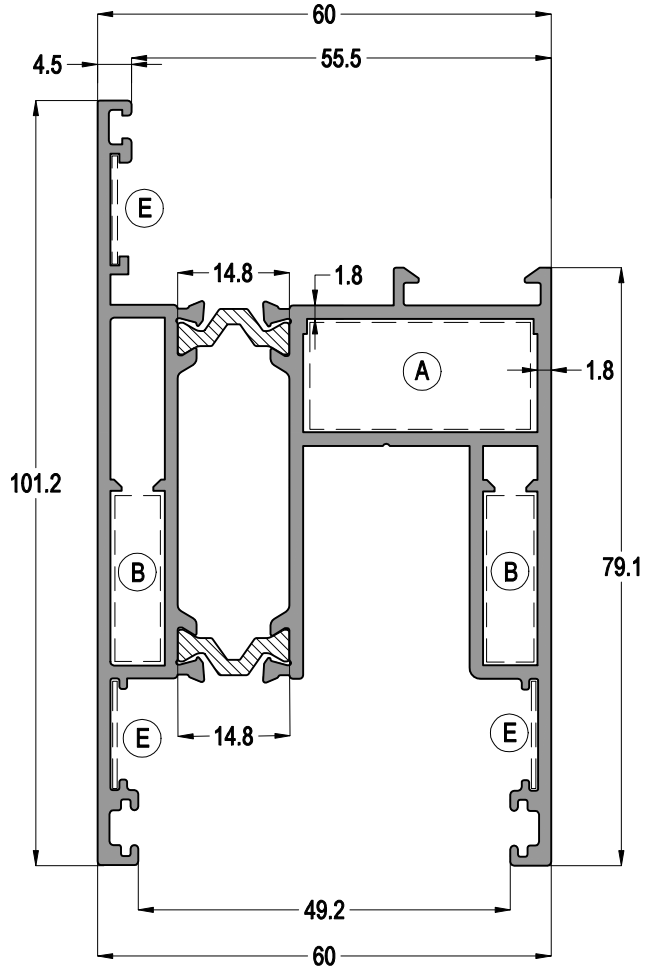
⚠ Sipariş öncesi kalıp bilgisi kontrol edilmeli / profile mold must be checked before the order




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




LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL



LS60 11			Jx cm ⁴	Jy cm ⁴
			43,22	49,37
			AĞIRLIK / Weight	
ASI-KT 1429	ASI-KT 2307	ASI-SB 19.1	2,314 kg/mt	

LS60 12			
			AĞIRLIK / Weight
ASI-KT 1429	ASI-KT 2307	ASI-SB 19.1	2,183 kg/mt

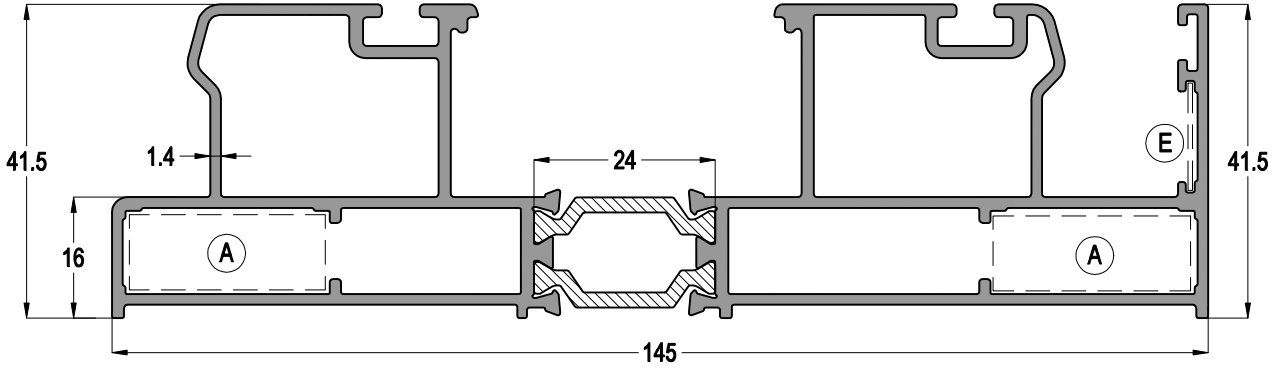
* Sipariş öncesi kalıp bilgisi kontrol edilmeli / profile mold must be checked before the order

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



LS60 - 1,4mm

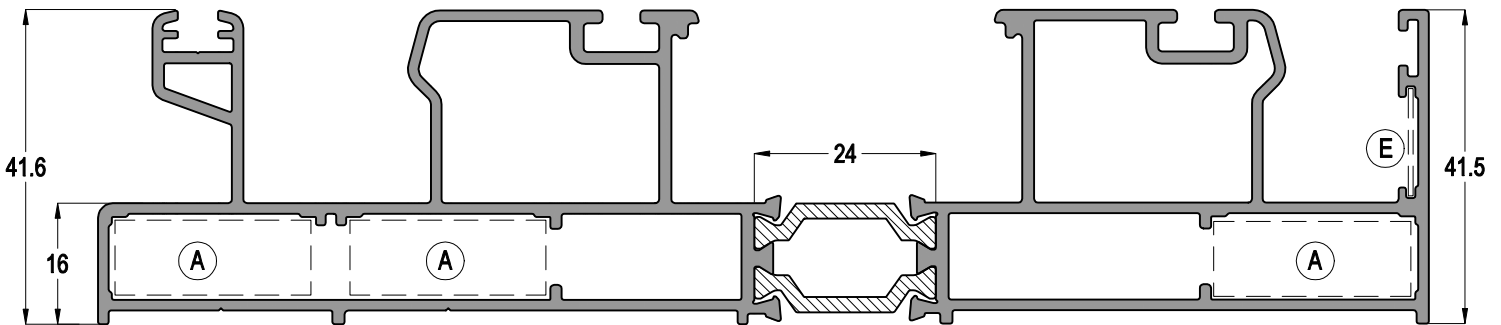
YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL





LS60 05

 ASI-KT 1126 ~ ASI-PB 1126	 ASI-SB 19.1	AĞIRLIK / Weight 2,435 kg/mt
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LS60 05F

 ASI-KT 1126 ~ ASI-PB 1126	 ASI-SB 19.1	AĞIRLIK / Weight 2,932 kg/mt
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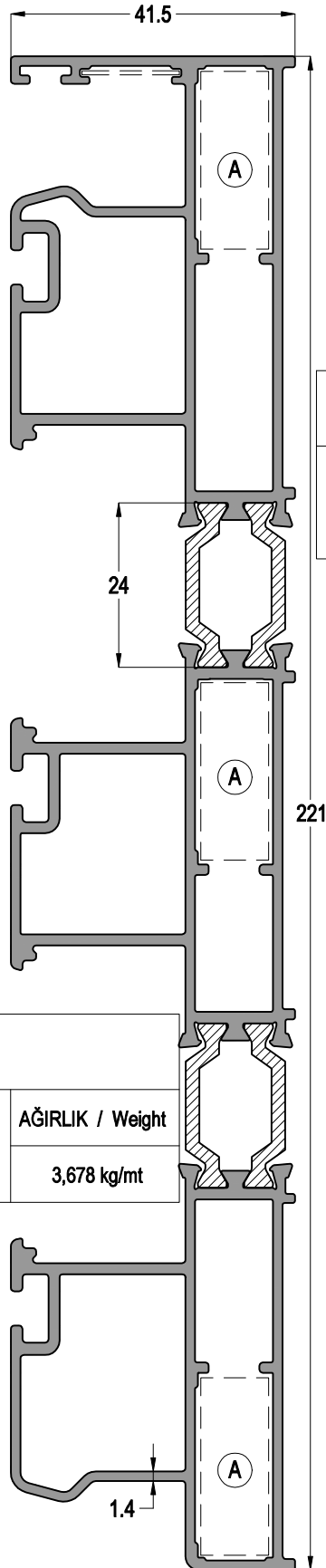
⊛ Sipariş öncesi kalıp bilgisi kontrol edilmeli / profile mold must be checked before the order

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

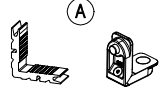

LS60 - 1,4mm

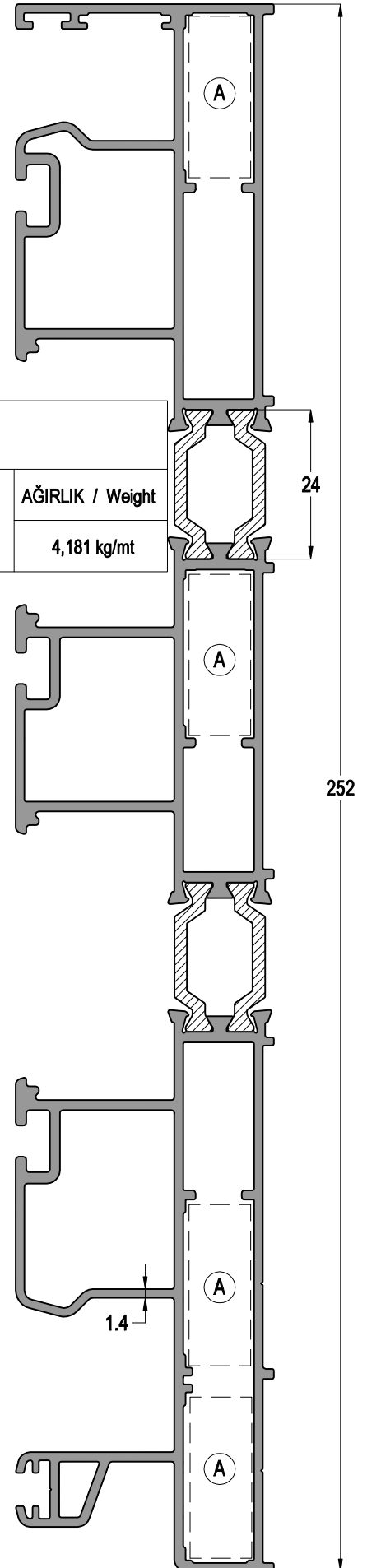
YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL



LS60 09F

LS60 09F	
	
ASI-KT 1126 ~ ASI-PB 1126	ASI-SB 19.1
AĞIRLIK / Weight	
4,181 kg/mt	



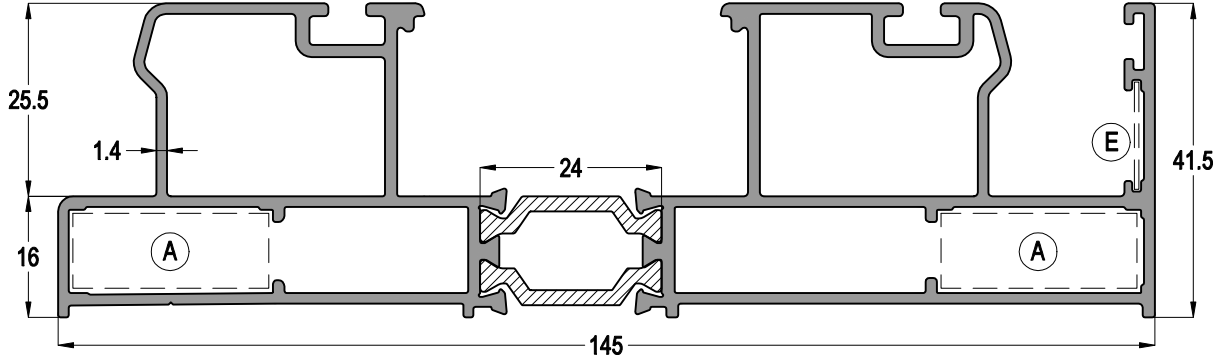
⊛ Sipariş öncesi kalıp bilgisi kontrol edilmeli / profile mold must be checked before the order

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

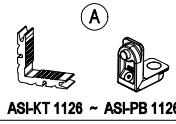
LS60 - 1,4mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL

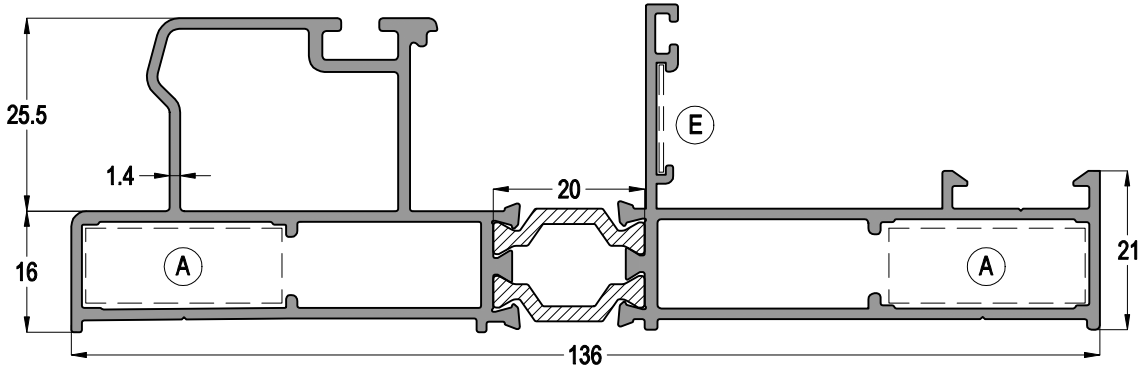


LS60 02 ECO

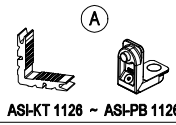


AĞIRLIK / Weight

2.429 kg/mt

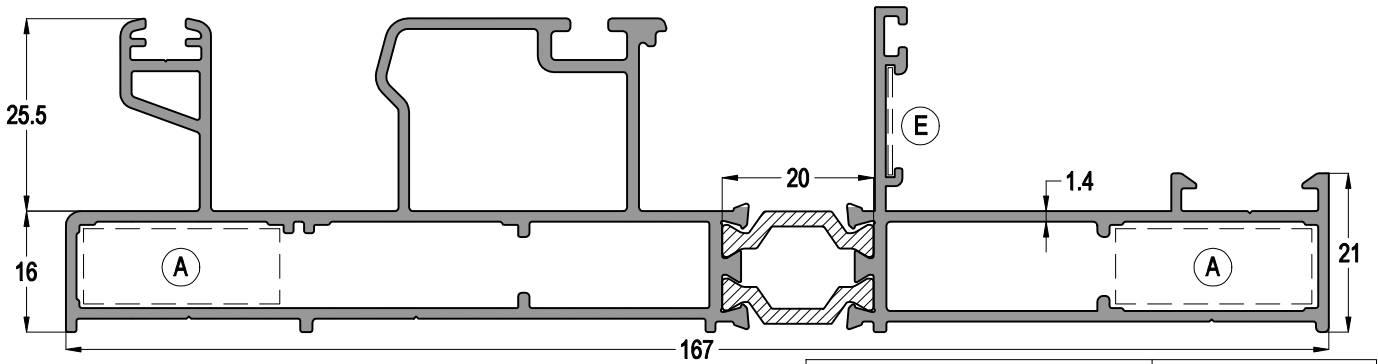


LS60 08 ECO

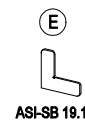
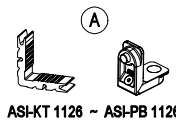


AĞIRLIK / Weight

1.994 kg/mt



LS60 08F ECO



AĞIRLIK / Weight

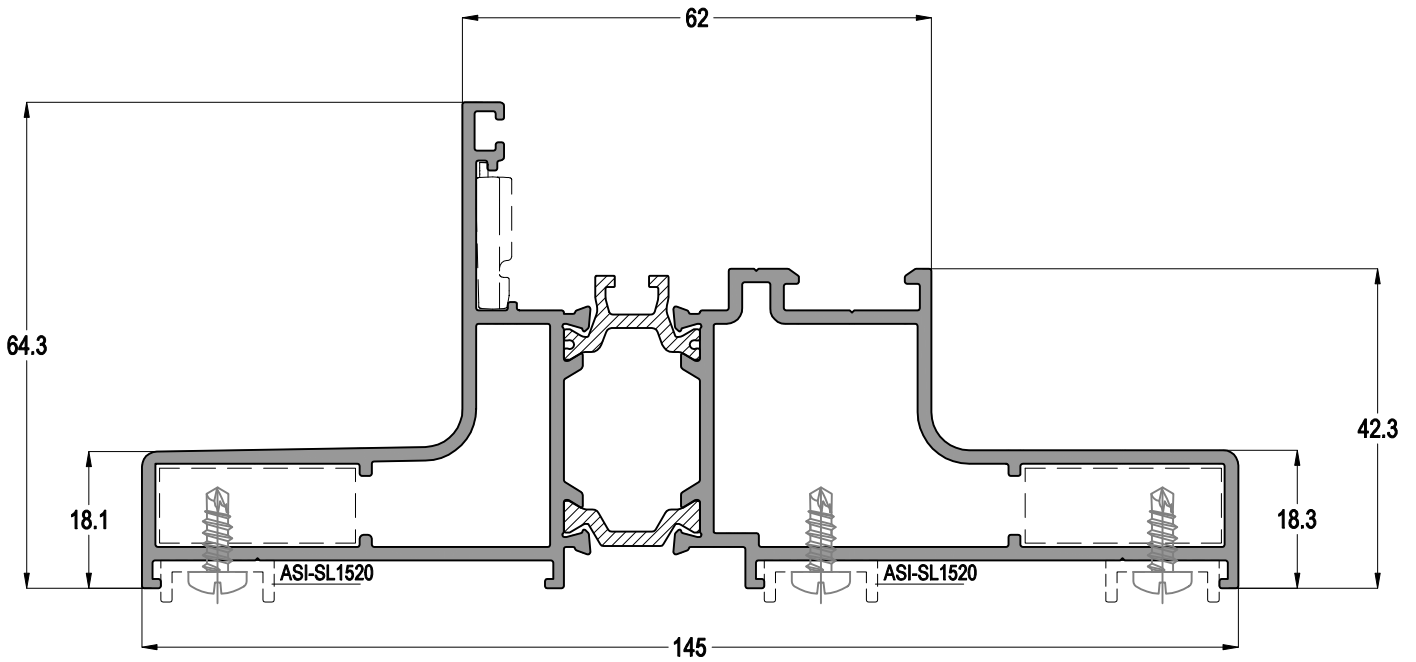
2.498 kg/mt

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

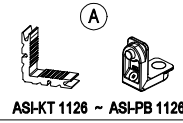
LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL

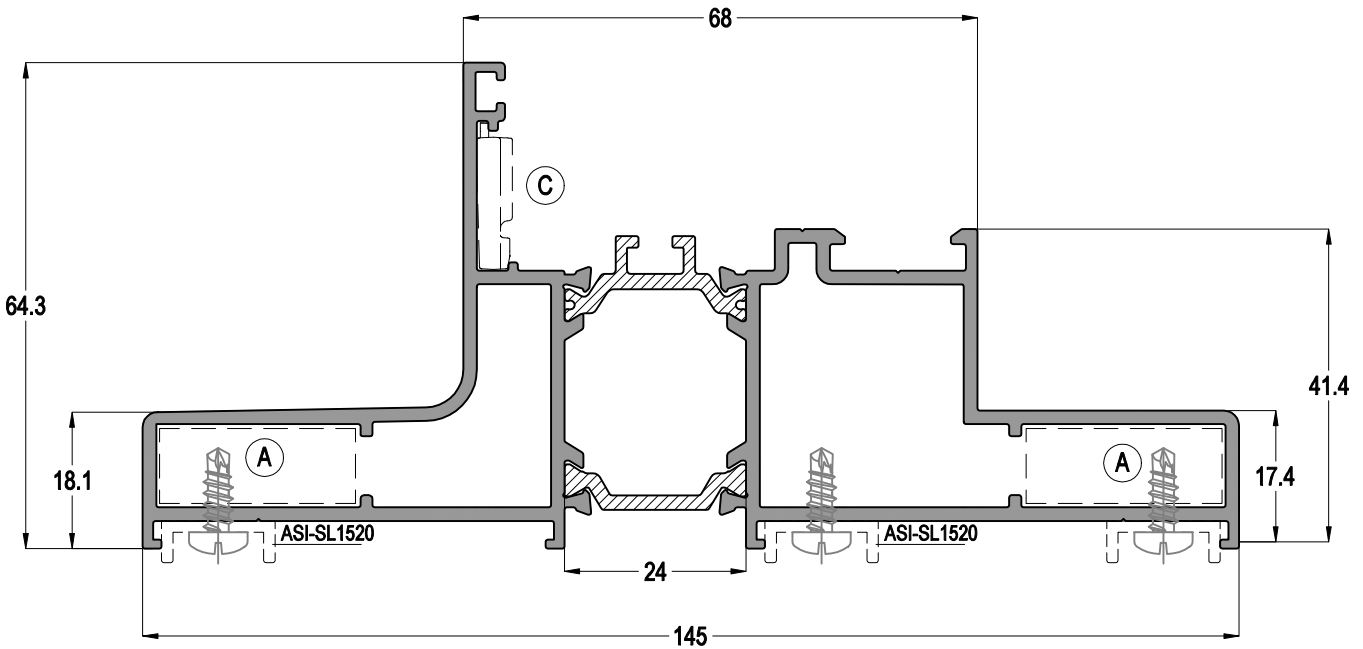


LS60 62

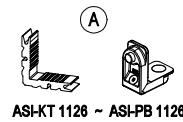


AĞIRLIK / Weight

2,423 kg/mt



LS60 68



AĞIRLIK / Weight

2,411 kg/mt

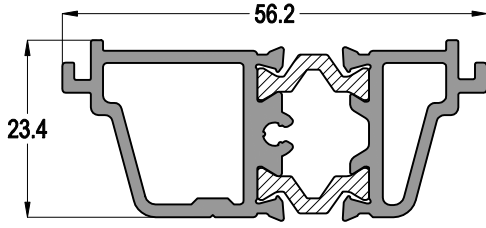
⊗ Sipariş öncesi kalıp bilgisi kontrol edilmeli / profile mold must be check before the order

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

LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL



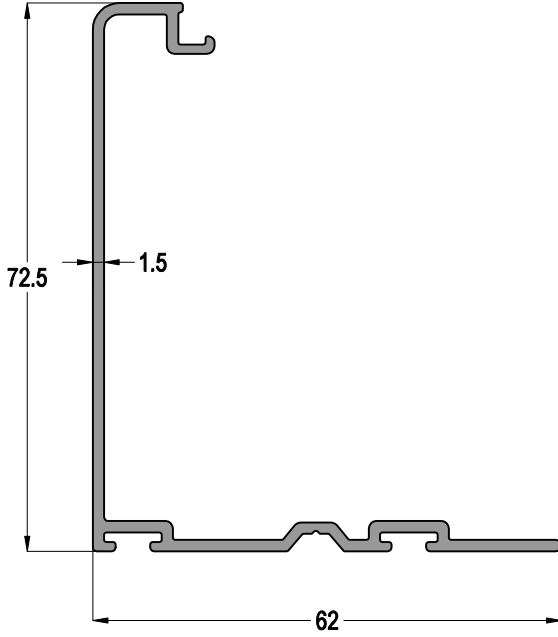
LS60 41



MO60-12

AĞIRLIK / Weight

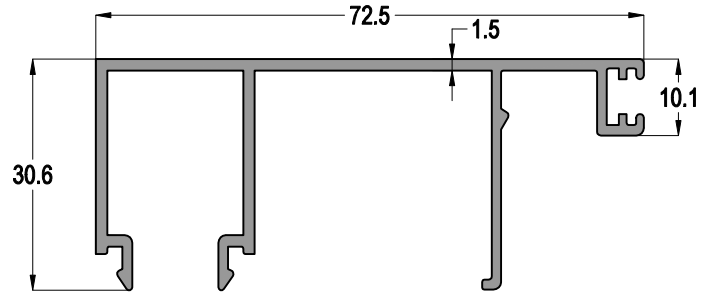
0,967 kg/mt



LS60 42

AĞIRLIK / Weight

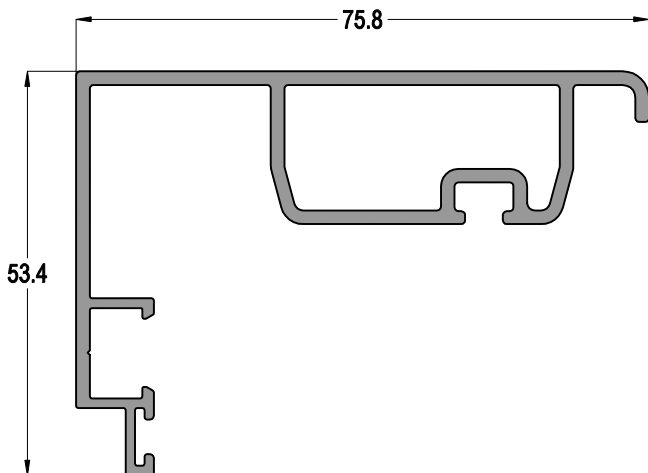
0,669 kg/mt



LS60 40

AĞIRLIK / Weight

0,722 kg/mt



LS60 43



AĞIRLIK / Weight

1,112 kg/mt

✳ Sipariş öncesi kalıp bilgisi kontrol edilmeli / must be check profile mold before the order

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

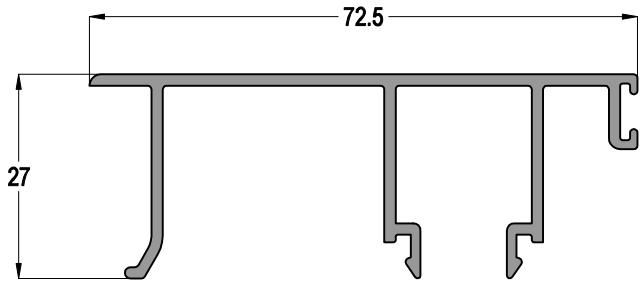
LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM



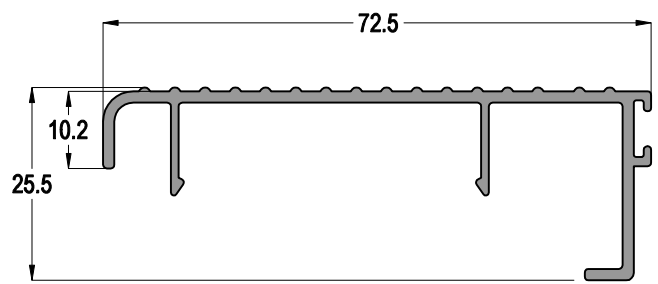
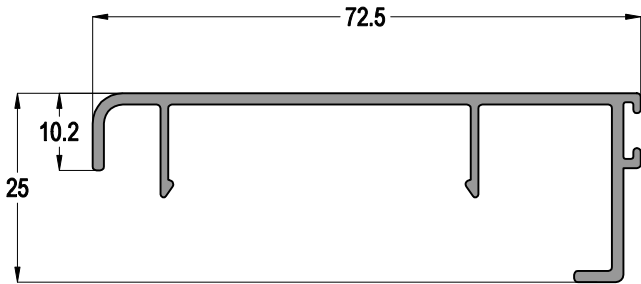
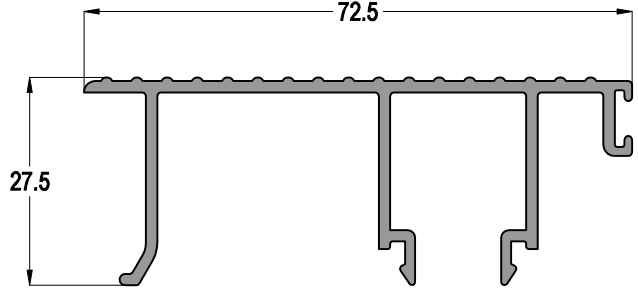
LS60 31

	AĞIRLIK / Weight
	0,685 kg/mt



LS60 32

	AĞIRLIK / Weight
	0,709 kg/mt



LS60 33

	AĞIRLIK / Weight
	0,523 kg/mt

LS60 34


	AĞIRLIK / Weight
	0,546 kg/mt

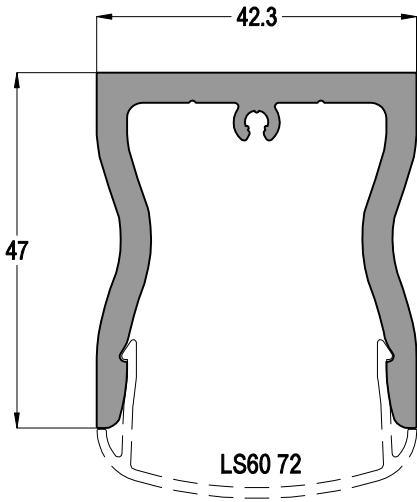
LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL

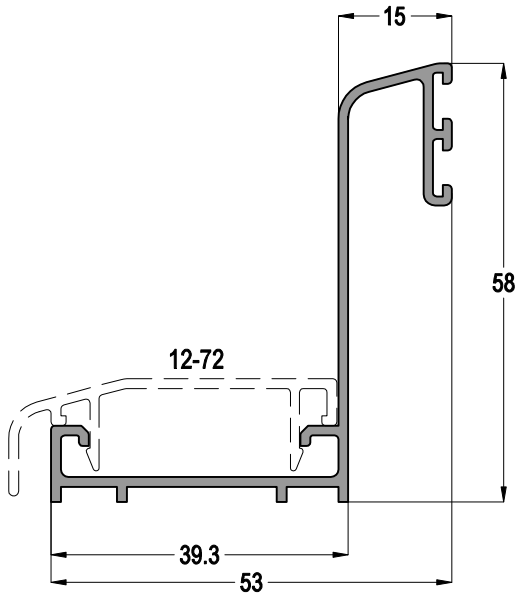
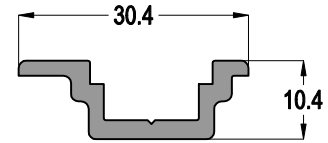
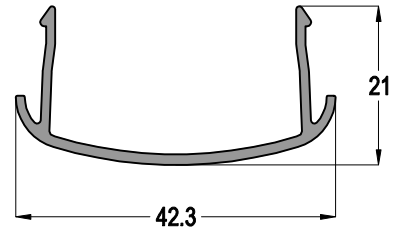
LS60 71

 MO60-19	AĞIRLIK / Weight
	2,050 kg/mt



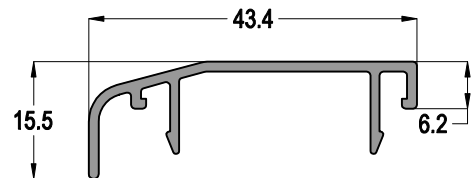
LS60 72

	AĞIRLIK / Weight
	0,420 kg/mt



LS60 44

	AĞIRLIK / Weight
	0,284 kg/mt



12-71

	AĞIRLIK / Weight
	0,545 kg/mt

12-72

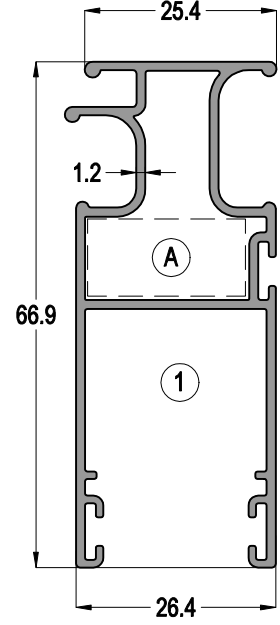
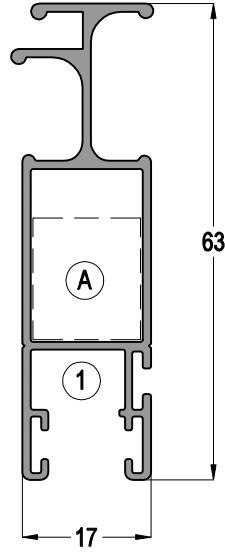
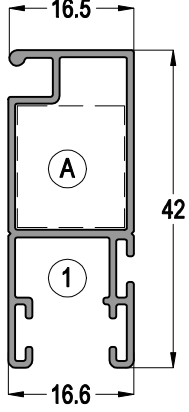
	AĞIRLIK / Weight
	0,285 kg/mt

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



LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM


ASISTAL





15-304216-09

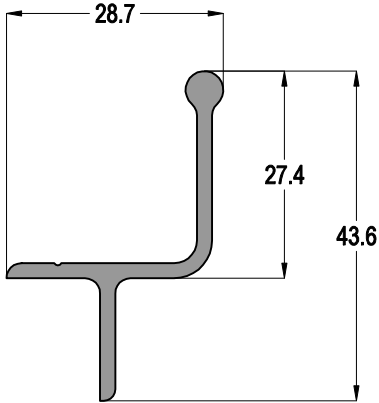
A	1	AĞIRLIK / Weight
		0,351 kg/mt

15-306317-11

A	1	AĞIRLIK / Weight
		0,561 kg/mt

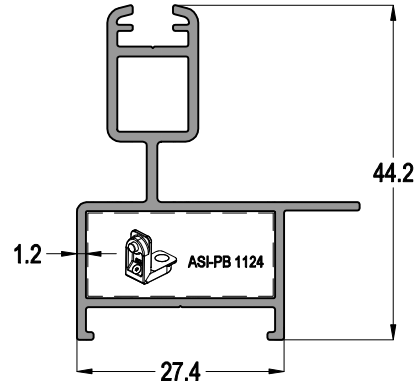
13-09986

A	1	AĞIRLIK / Weight
		0,741 kg/mt



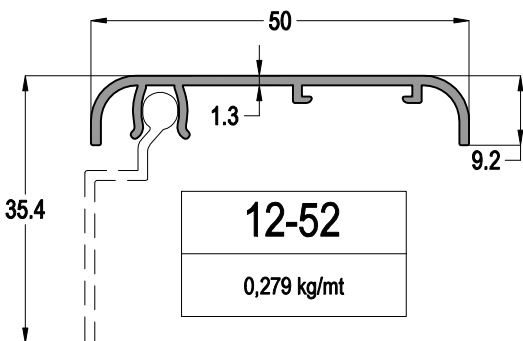
LS60 61

0,391 kg/mt



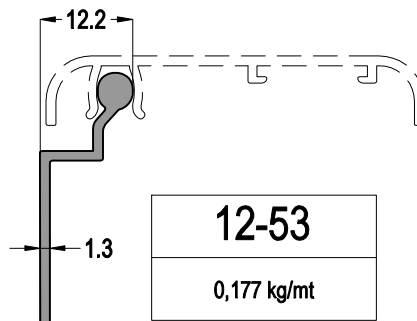
1042

0,551 kg/mt



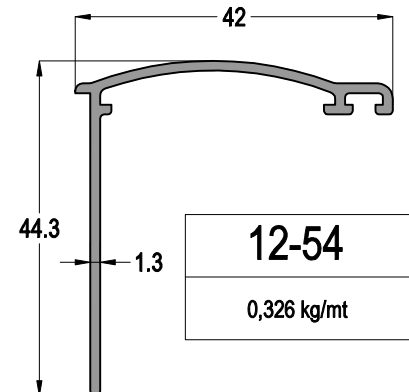
12-52

0,279 kg/mt



12-53

0,177 kg/mt



12-54

0,326 kg/mt

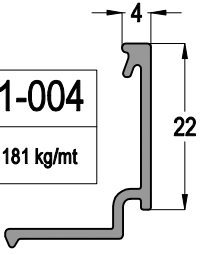
LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL

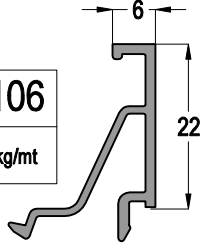
11-004

0,181 kg/mt



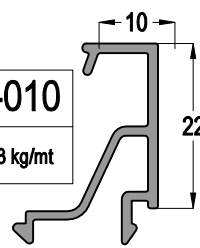
11-106

0,200 kg/mt



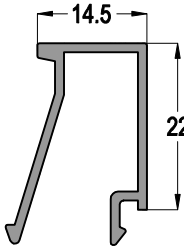
11-010

0,233 kg/mt



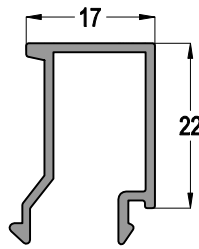
11-015

0,241 kg/mt



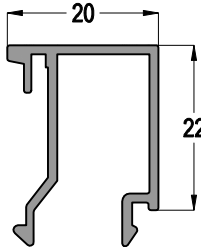
11-017

0,250 kg/mt



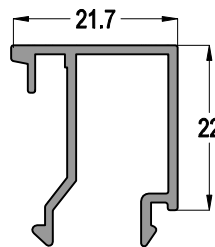
11-020

0,276 kg/mt



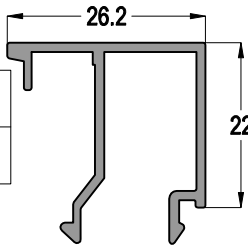
11-022

0,282 kg/mt



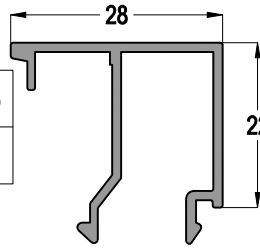
11-026

0,296 kg/mt



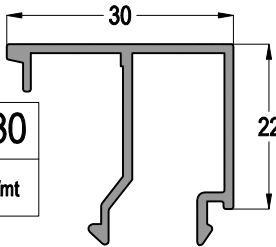
11-028

0,302 kg/mt



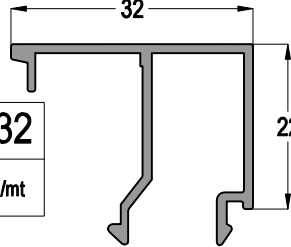
11-030

0,308 kg/mt



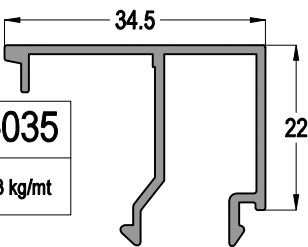
11-032

0,315 kg/mt



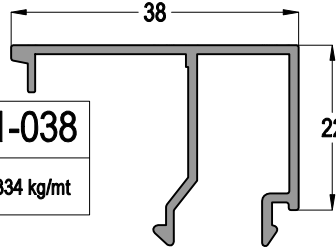
11-035

0,323 kg/mt



11-038

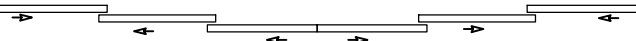
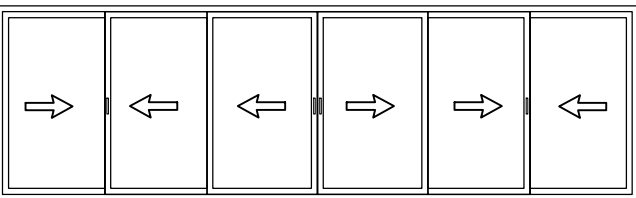
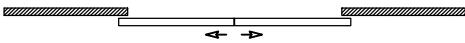
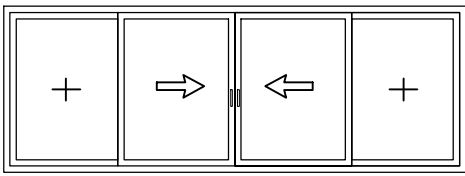
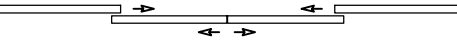
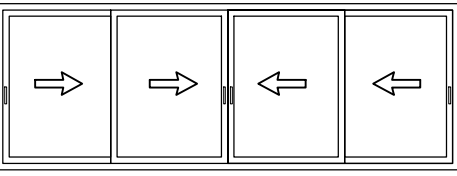
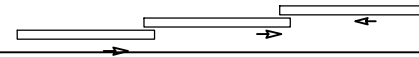
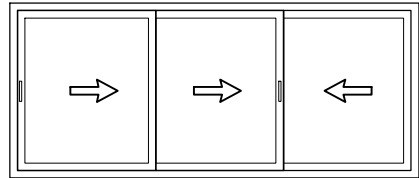
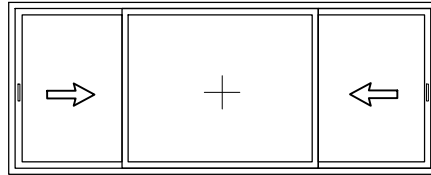
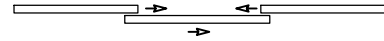
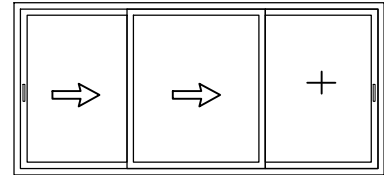
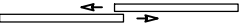
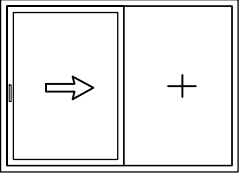
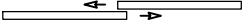
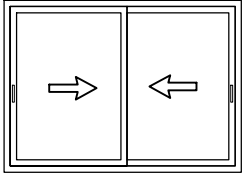
0,334 kg/mt



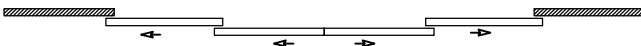
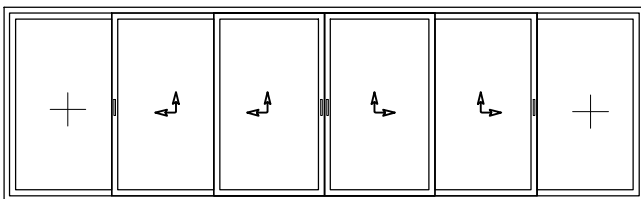
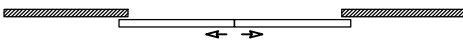
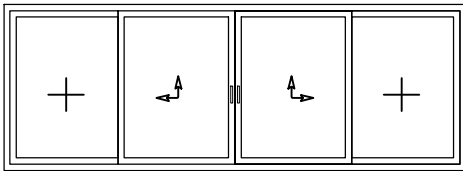
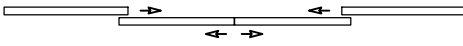
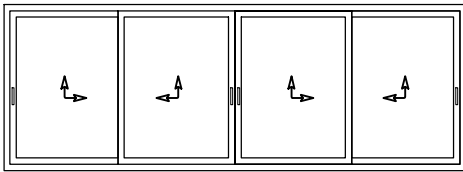
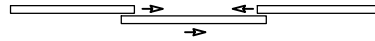
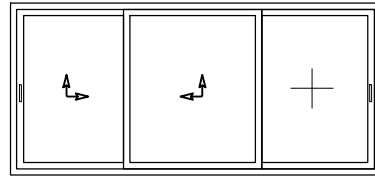
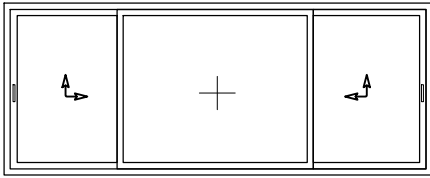
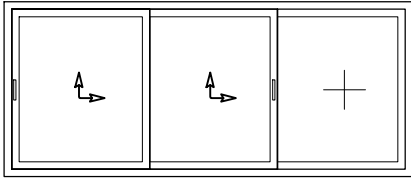
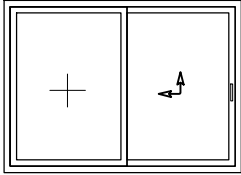
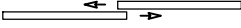
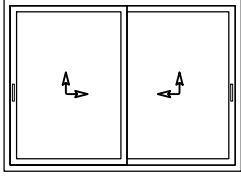
CAM KALINLIĞINA GÖRE CAM ÇİTASI SEÇİM TABLOSU
Glazing Bead Selection Table according to the Glass Thickness

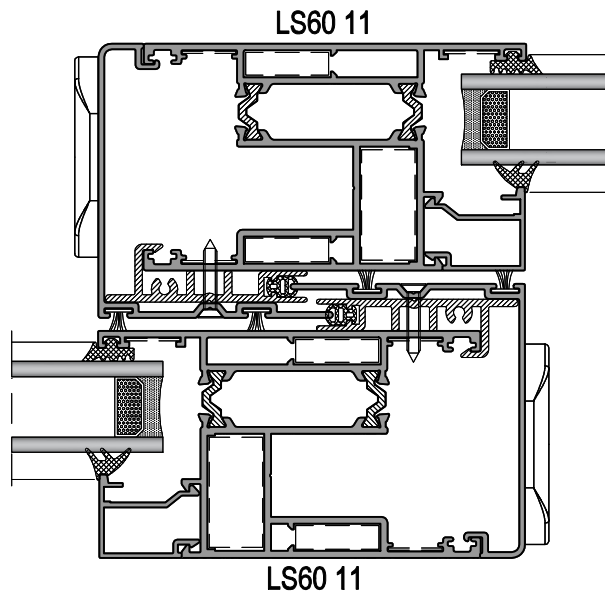
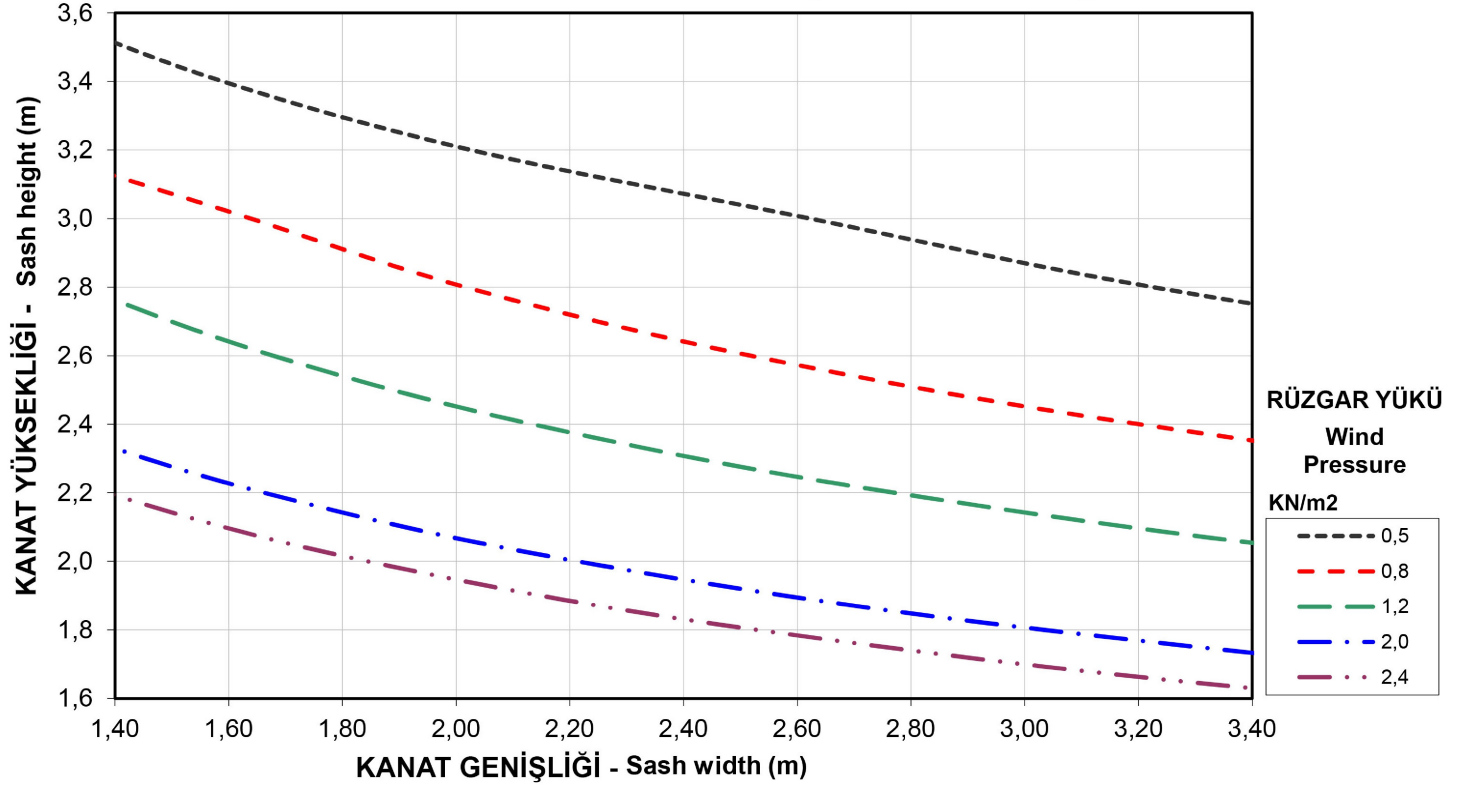
CAM KALINLIĞI Glass Thickness (mm)	CAM ÇİTASI Glazing Bead	İÇ CAM FITİLİ Glass Gasket (IN)	DIŞ CAM FITİLİ Glass Gasket (OUT)
10	11-038	EP2-02	EP1-01
11	11-038	EP2-01	EP1-01
12	11-035	EP2-03	EP1-01
13	11-035	EP2-02	EP1-01
14	11-035	EP2-01	EP1-01
15	11-032	EP2-03	EP1-01
16	11-032	EP2-02	EP1-01
17	11-032	EP2-01	EP1-01
18	11-030	EP2-02	EP1-01
19	11-030	EP2-01	EP1-01
20	11-028	EP2-02	EP1-01
21	11-028	EP2-01	EP1-01
22	11-026	EP2-02	EP1-01
23	11-026	EP2-01	EP1-01
24	11-022	EP2-03	EP1-01
25	11-022	EP2-02	EP1-01
26	11-022	EP2-01	EP1-01
28	11-020	EP2-02	EP1-01
29	11-020	EP2-01	EP1-01
30	11-017	EP2-03	EP1-01
31	11-017	EP2-02	EP1-01
32	11-017	EP2-01	EP1-01
33	11-015	EP2-02	EP1-01
34	11-015	EP2-01	EP1-01
38	11-010	EP2-02	EP1-01
39	11-010	EP2-01	EP1-01
40	11-106	EP2-03	EP1-01
42	11-106	EP2-02	EP1-01
43	11-106	EP2-01	EP1-01
44	11-004	EP2-02	EP1-01
45	11-004	EP2-02	EP1-01
46	11-004	KC-02	EP1-01

AÇILIM TİPLERİ NORMAL SÜRME - OPENING TYPES NORMAL SLIDING

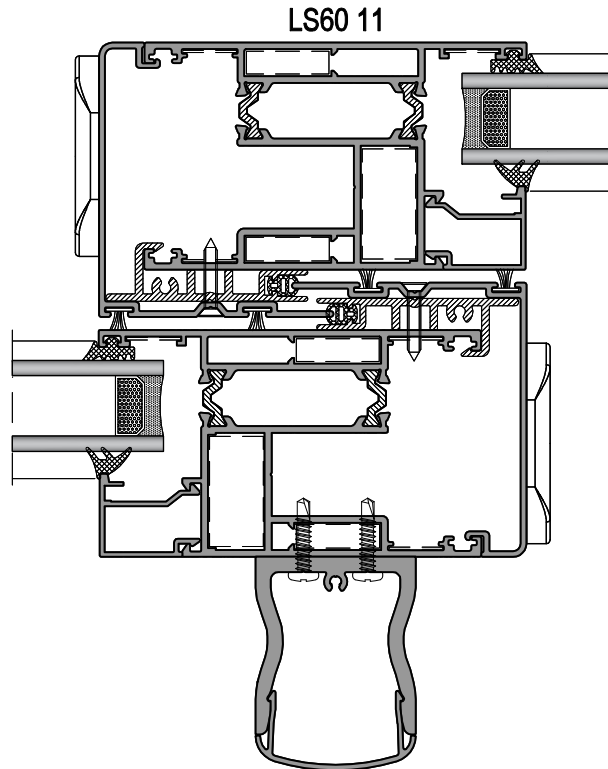
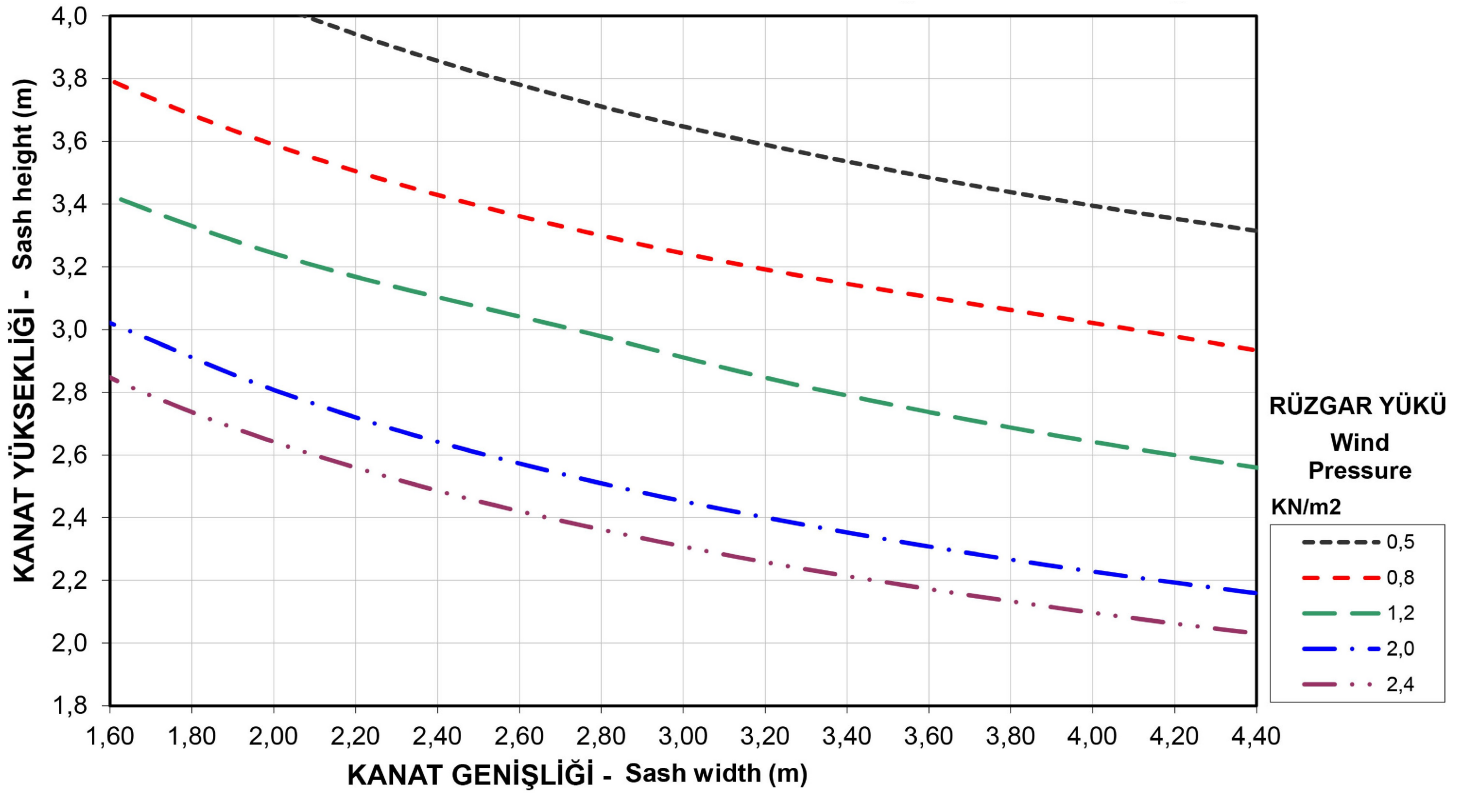


AÇILIM TİPLERİ KALDIR-SÜR SÜRME - OPENING TYPES LIFT & SLIDING



RÜZGAR YÜKÜNE GÖRE MAKSİMUM KANAT EBATLARI
MAXIMUM SASH DIMENSIONS FOR GIVEN WIND PRESSURE

KANAT EBATLARI BELİRLENİRKEN MEKANİZMANIN TAŞIMA KAPASİTESİNİ GEÇMEMESİNE DİKKAT EDİLMELİDİR
WHILE THE SASH DIMENSIONS DETERMINED, SASH WEIGHT MUST BE LESS THAN ROLLER CARRY CAPACITY

RÜZGAR YÜKÜNE GÖRE MAKSİMUM KANAT EBATLARI
MAXIMUM SASH DIMENSIONS FOR GIVEN WIND PRESSURE

KANAT EBATLARI BELİRLENİRKEN MEKANİZMANIN TAŞIMA KAPASİTESİNİ GEÇMEMESİNE DİKKAT EDİLMELİDİR
WHILE THE SASH DIMENSIONS DETERMINED, SASH WEIGHT MUST BE LESS THAN ROLLER CARRY CAPACITY

LS60 - 1,8mm

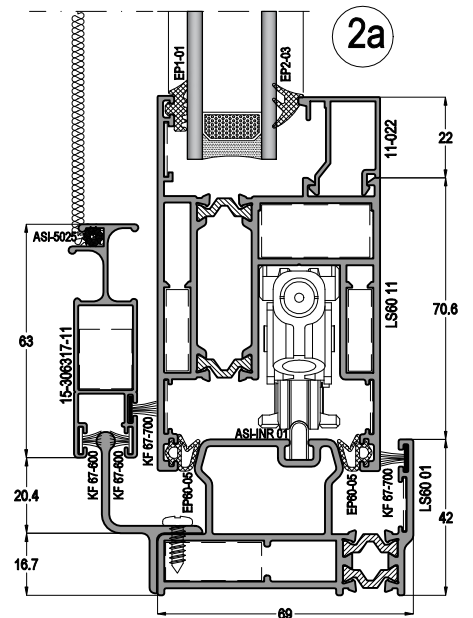
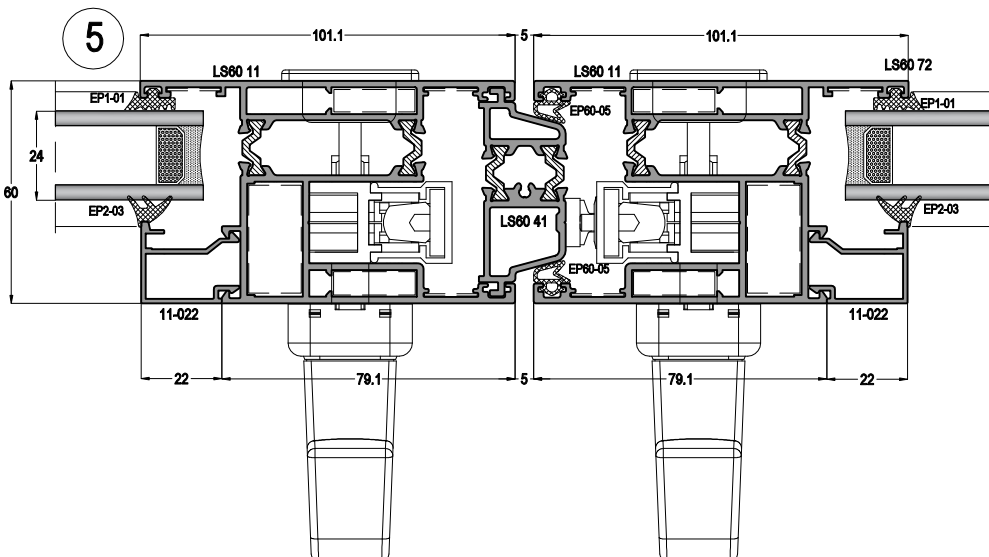
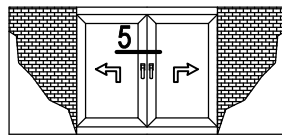
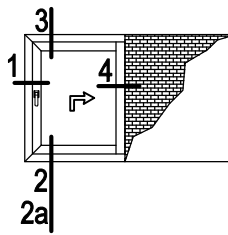
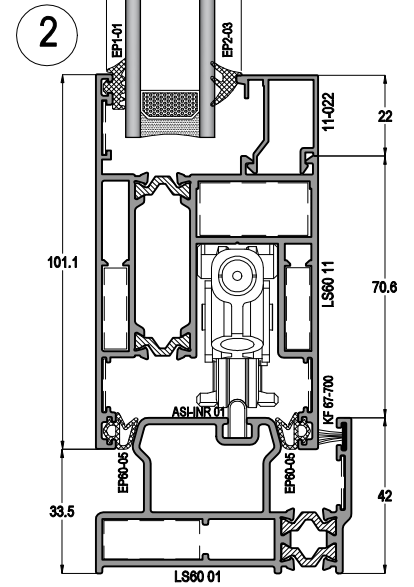
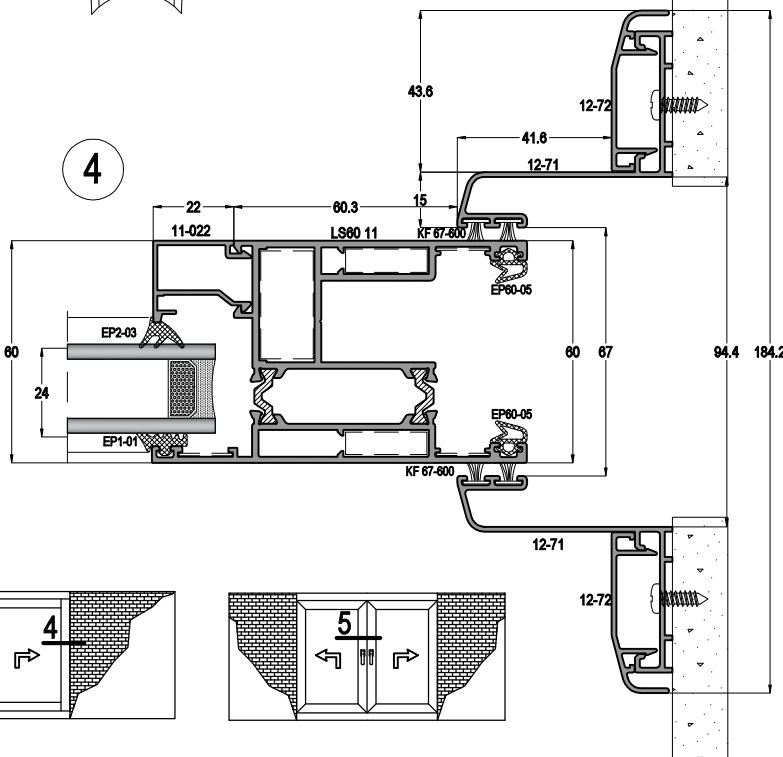
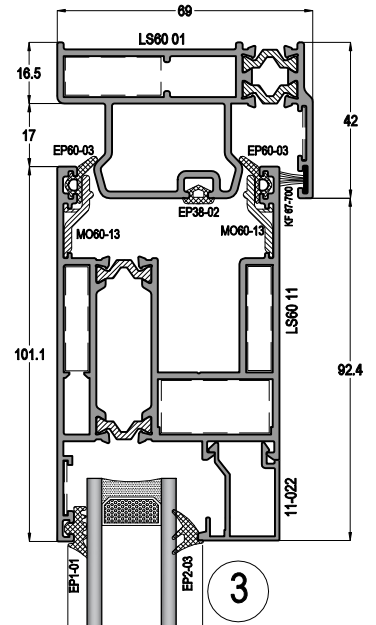
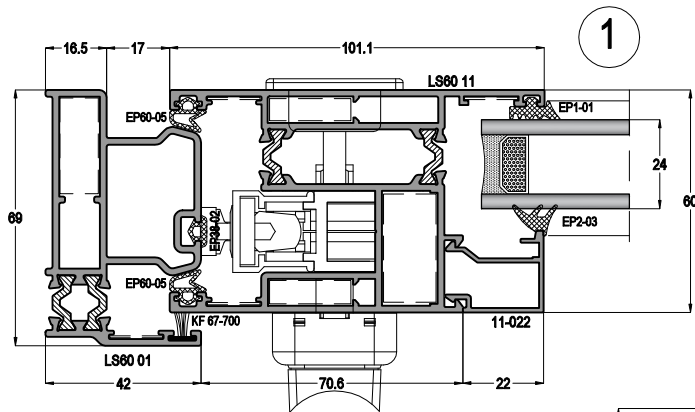
YALITIMLI KALDIR-SÜR SİSTEMİ
THERMAL LIFT&SLIDE SYSTEM

ASISTAL

SİSTEM DETAYLARI
SYSTEM DETAILS

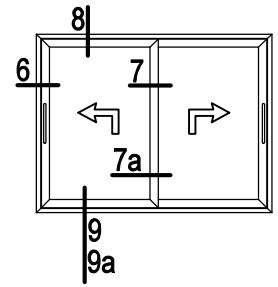
LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

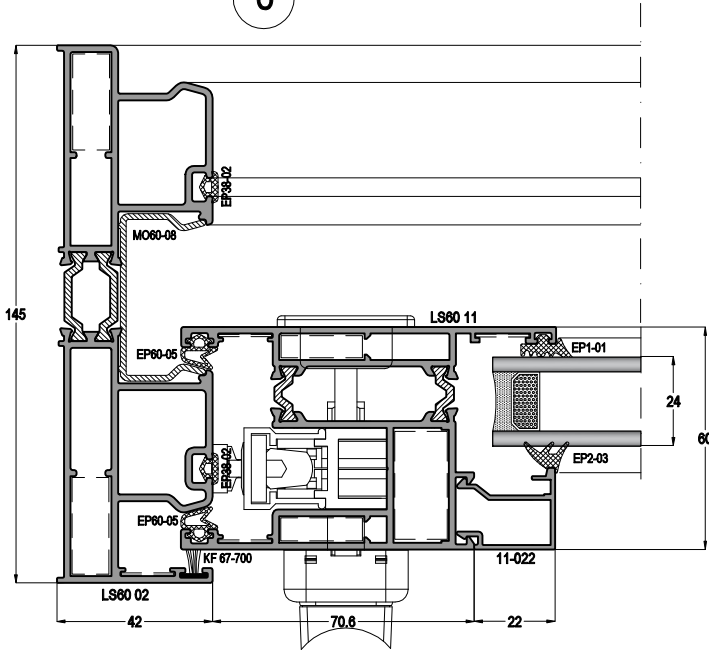


LS60 - 1,8mm

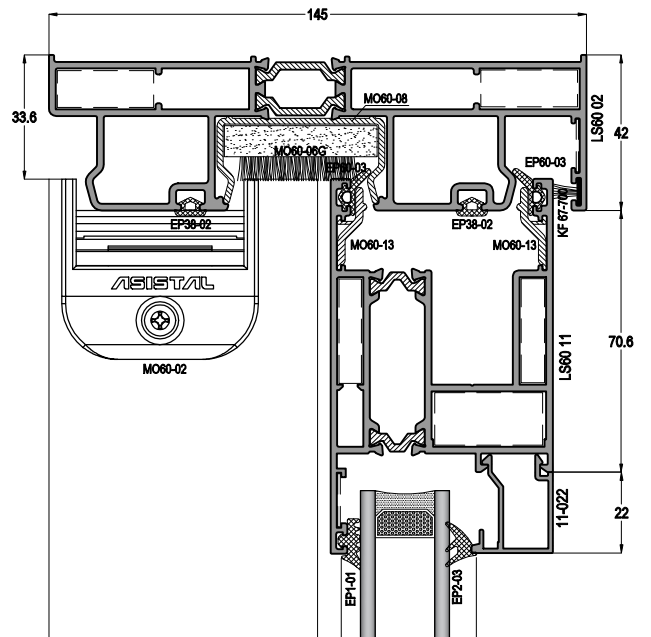
YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM



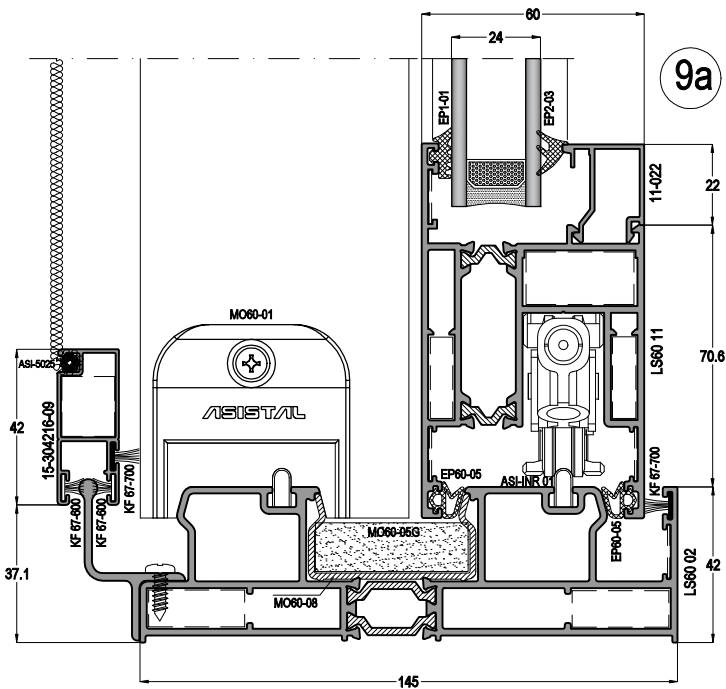
6



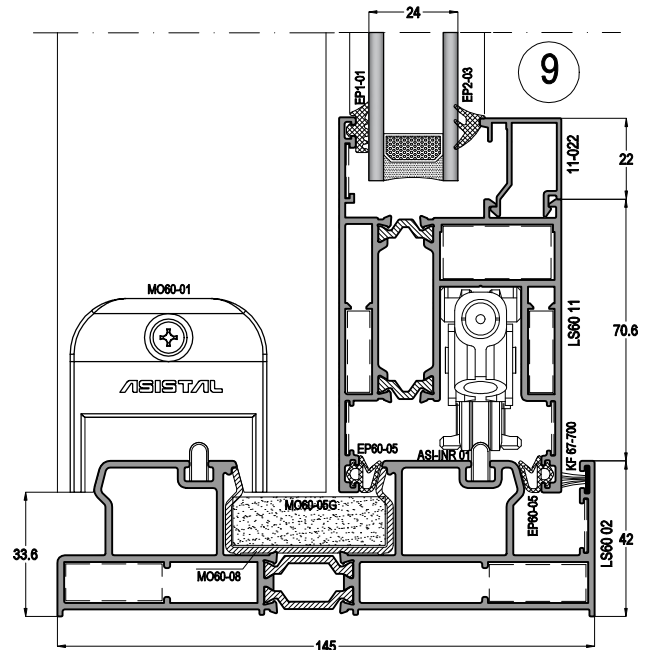
8



9a



9

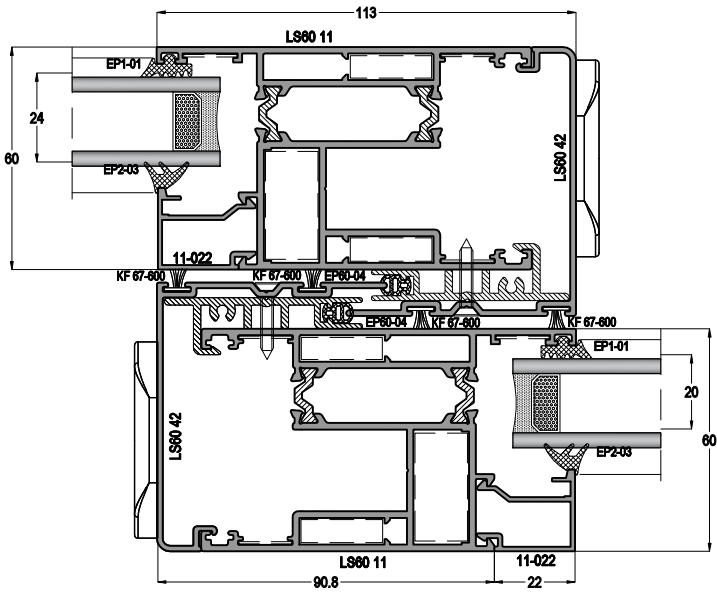


LS60 - 1,8mm

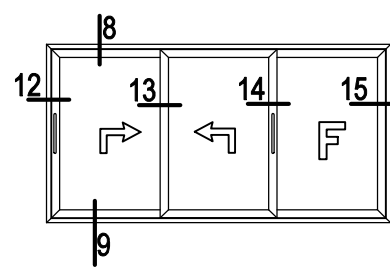
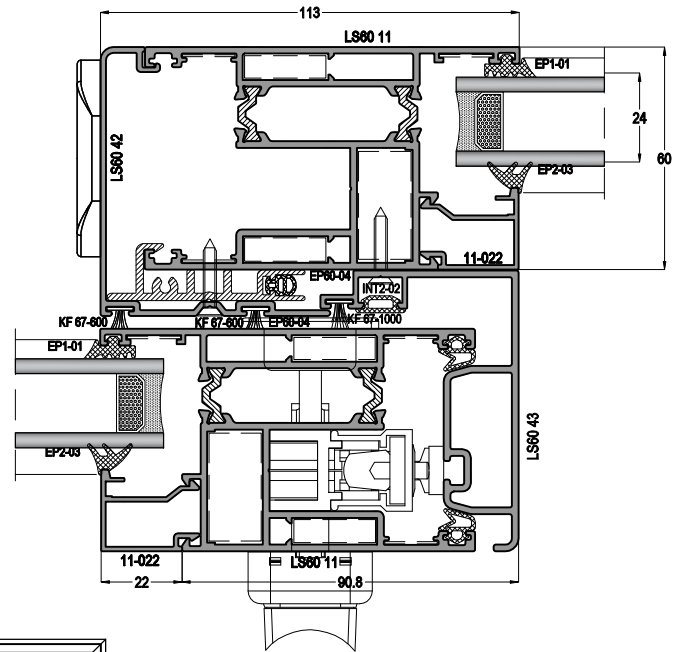
YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM



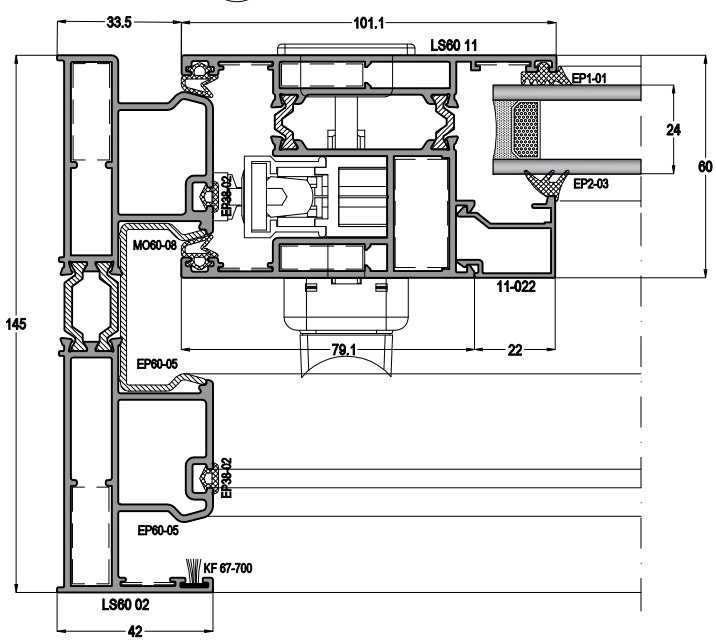
13



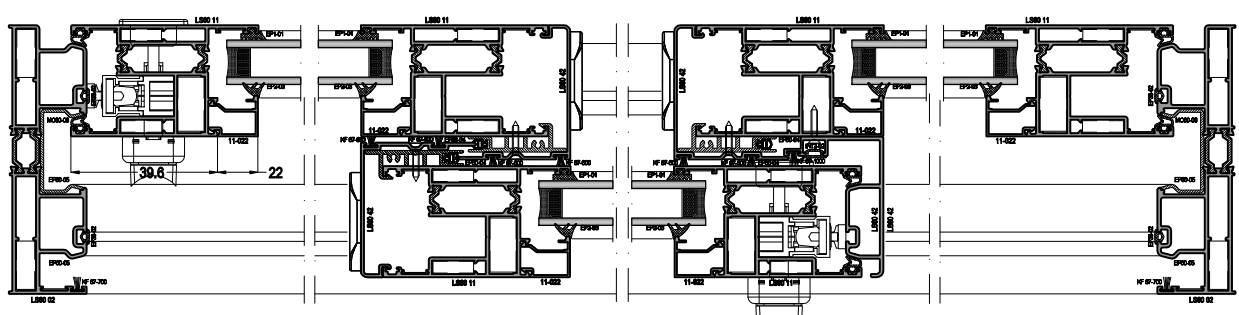
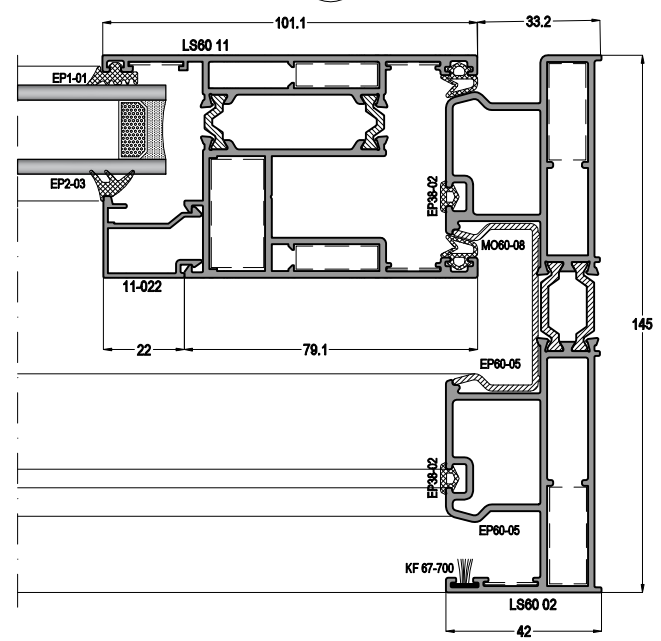
14



12



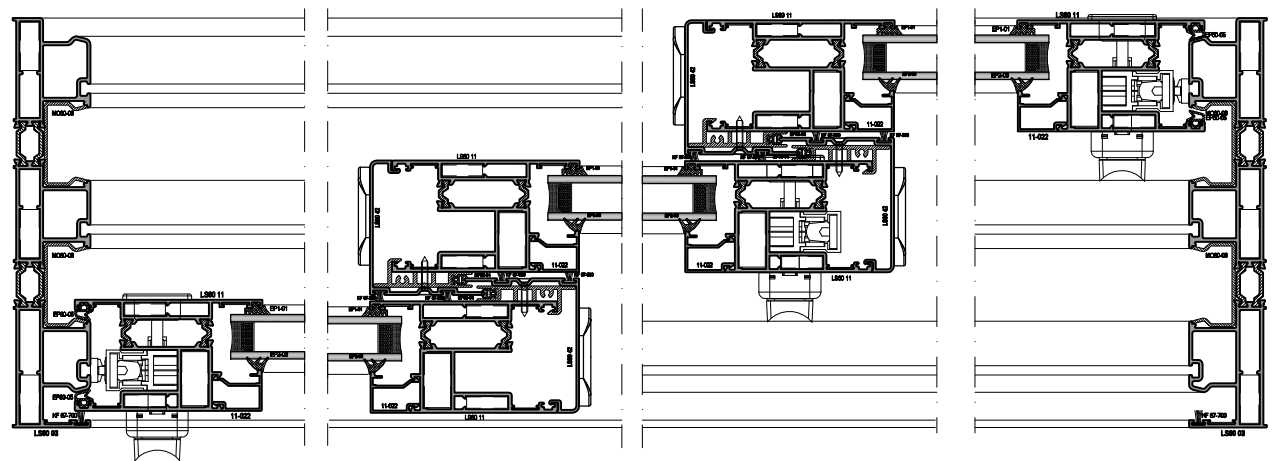
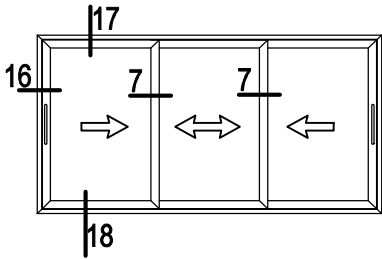
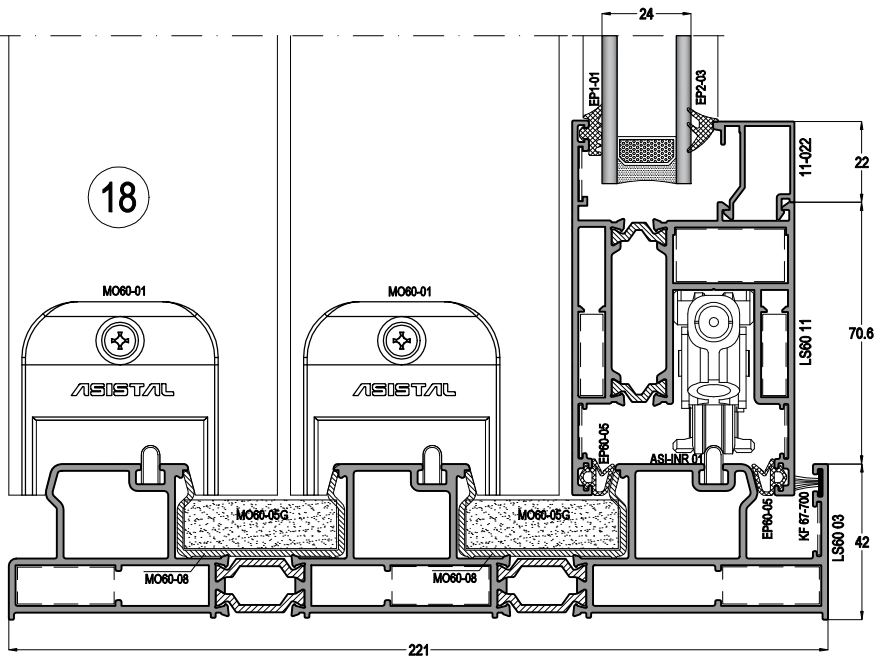
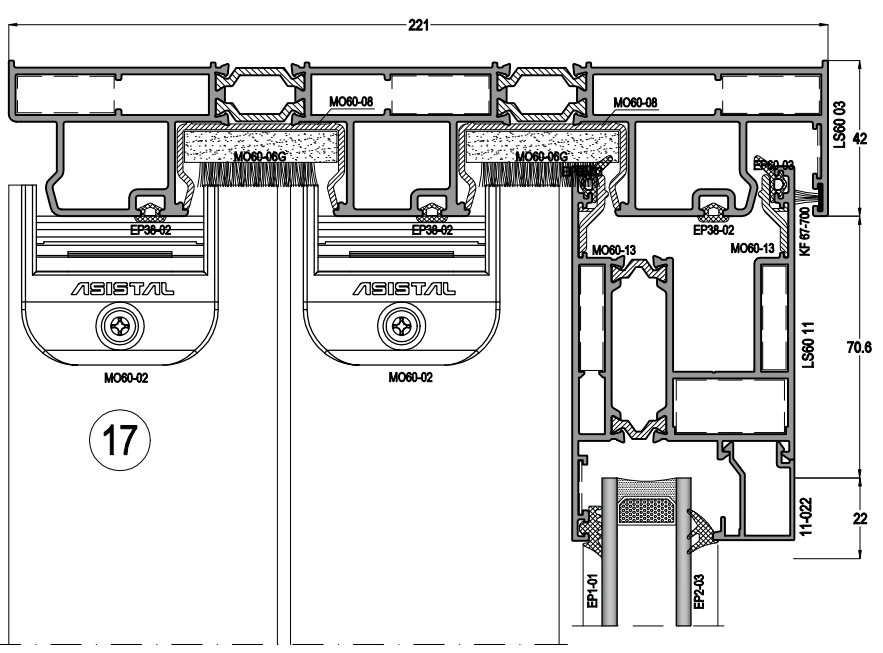
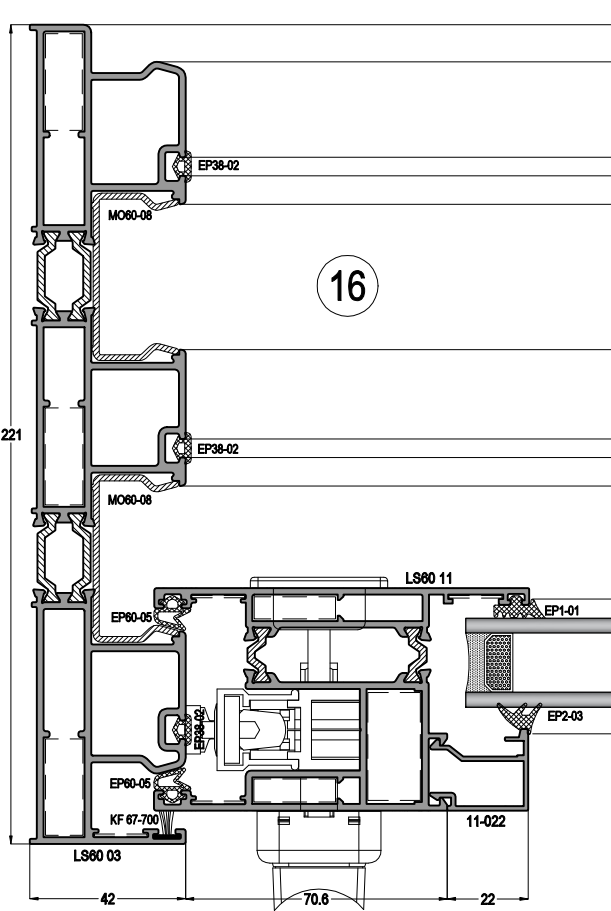
15



ö: 1/2

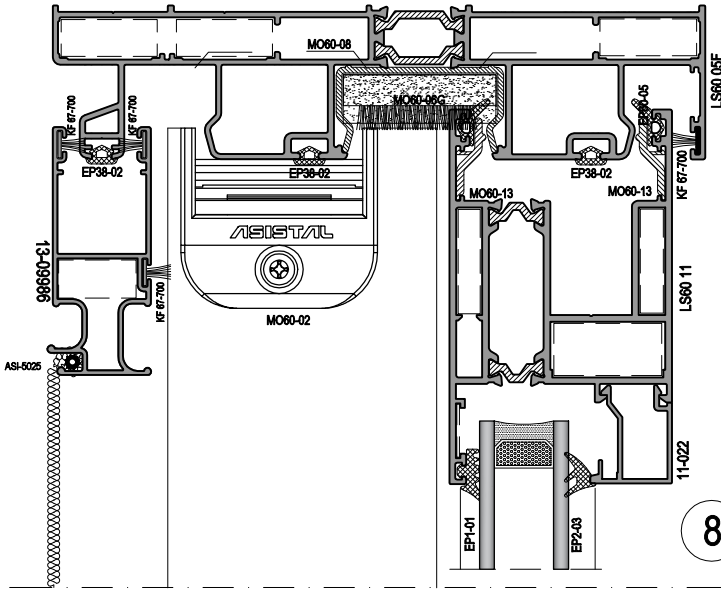
LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

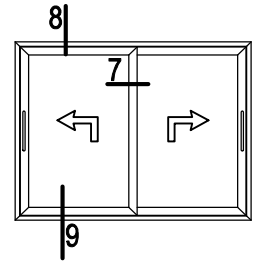


LS60 - 1,4mm

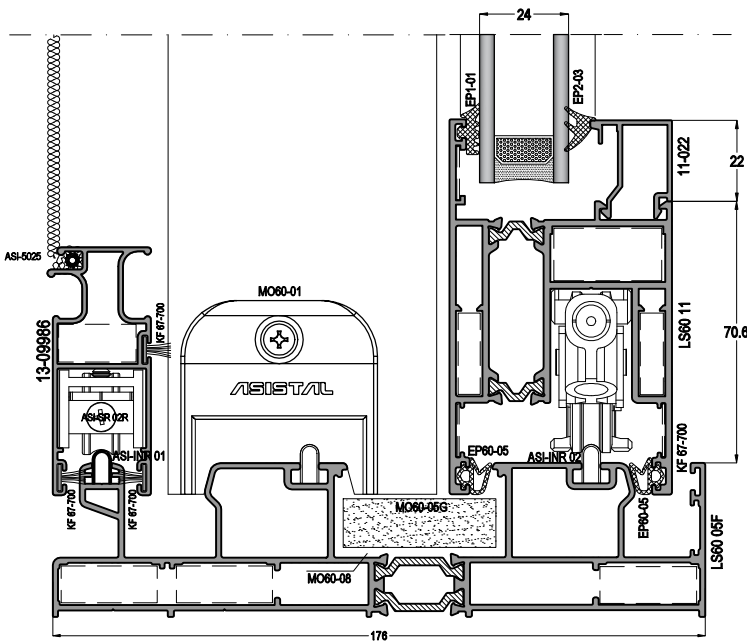
YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM



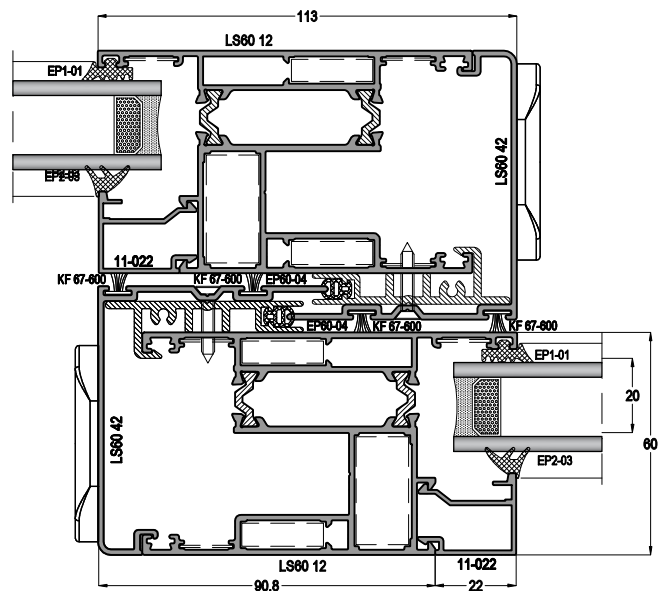
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9

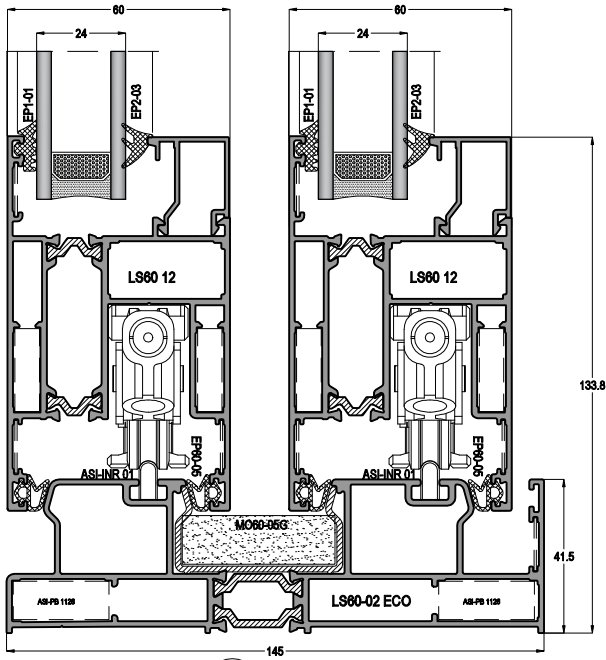


7

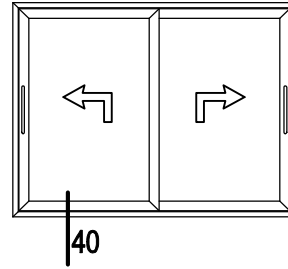


LS60 - 1,4mm

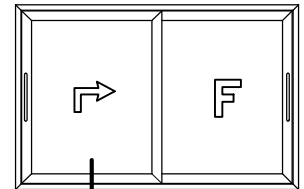
YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM



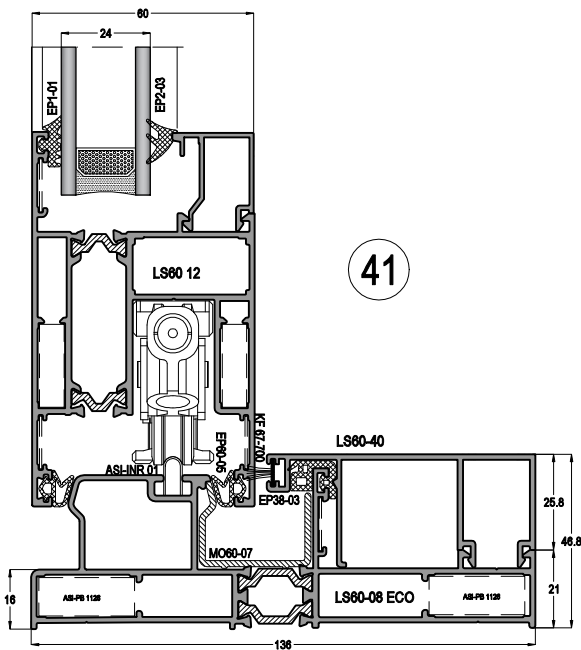
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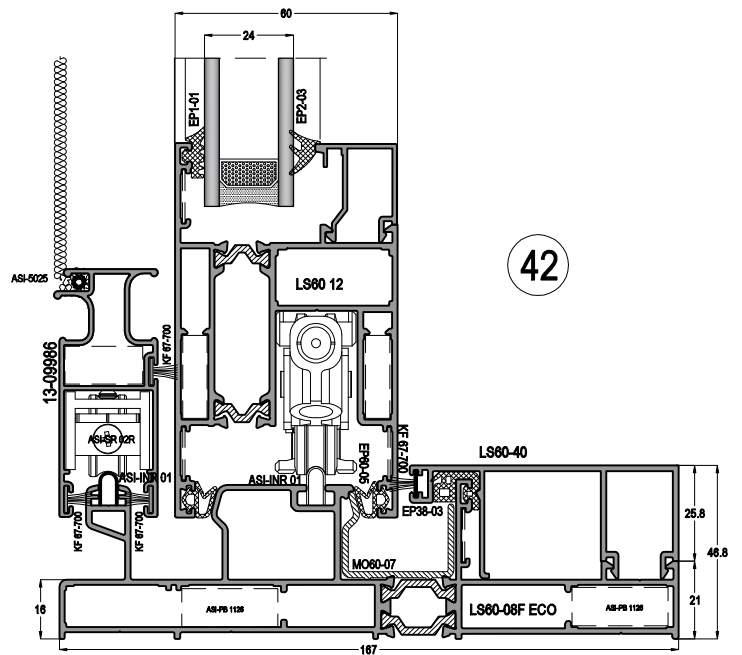
40



41
42



41



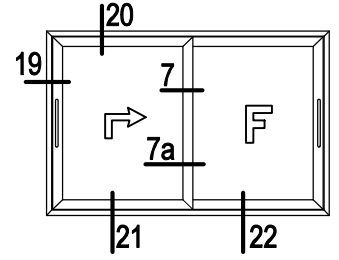
42

LS60 - 1,8mm

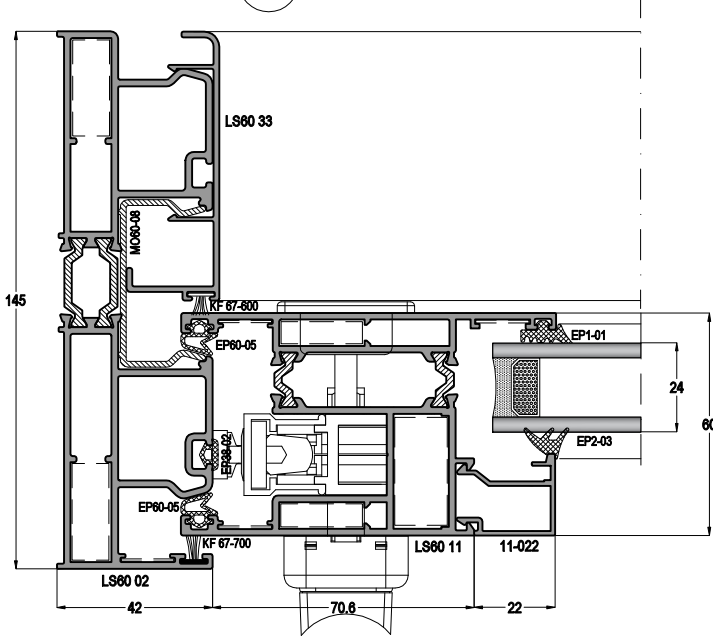
YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM



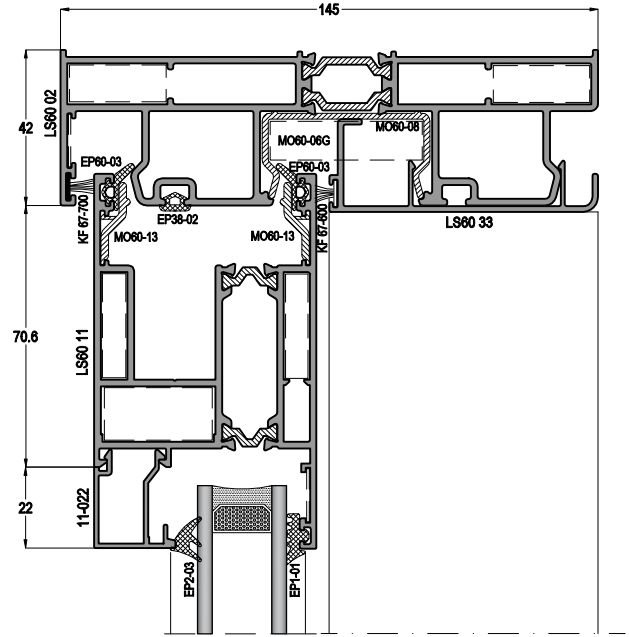
HAREKETLİ KANATDAN SABİT YAPILMASI SLIDING SASH CONVERTING TO THE FIXED SASH



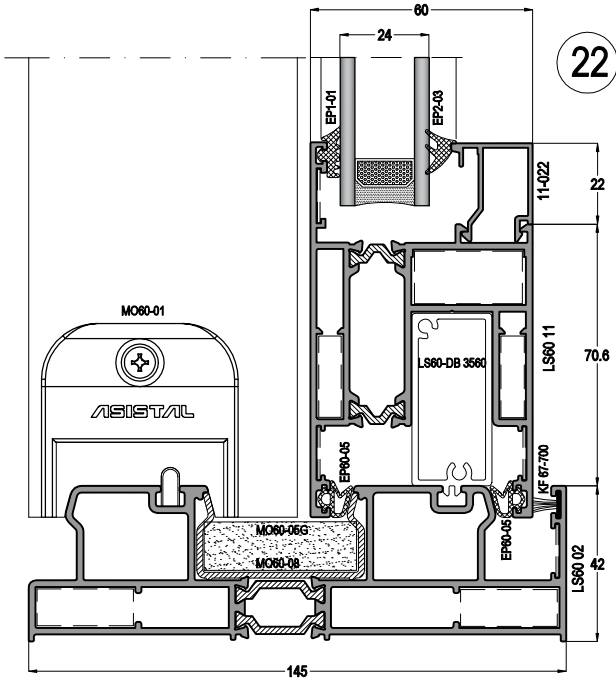
19



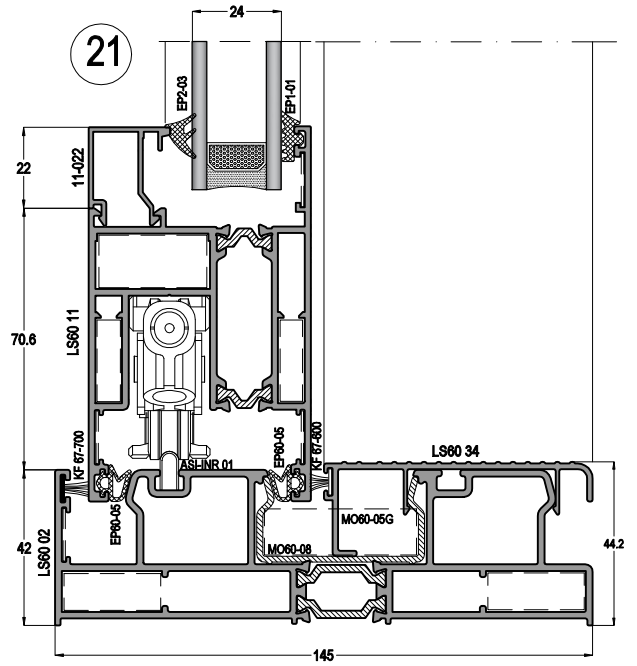
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22



21

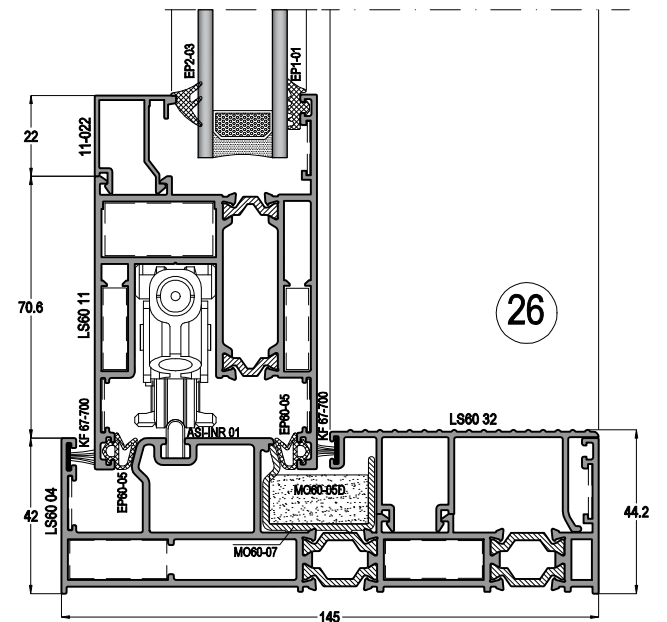
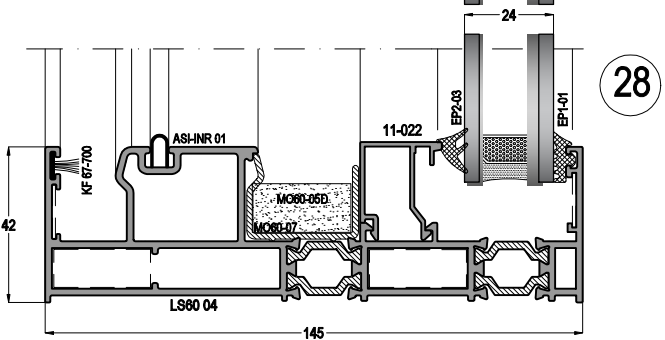
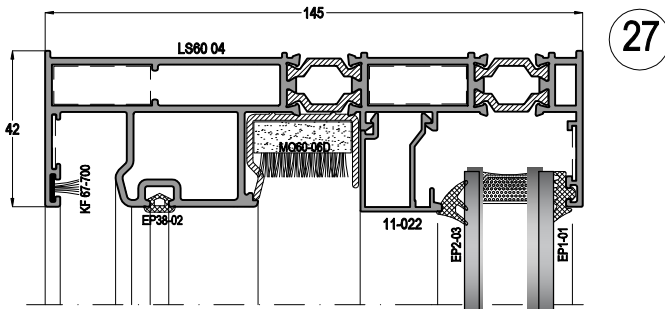
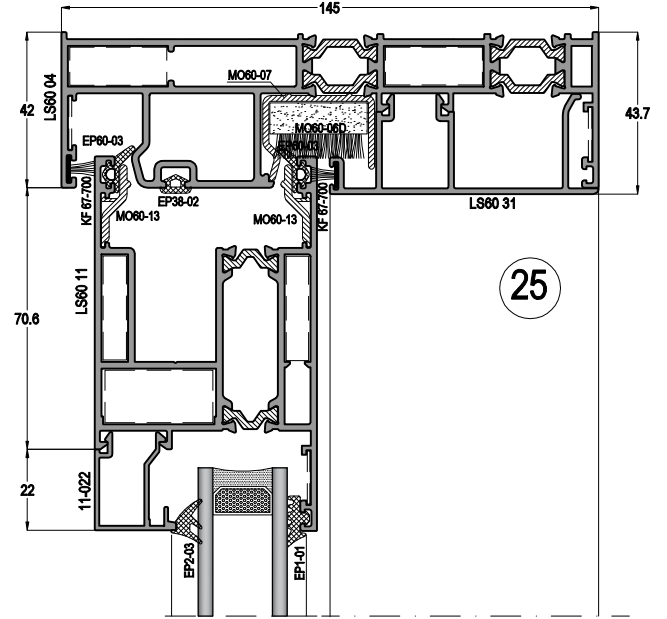
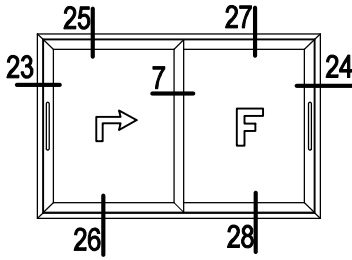
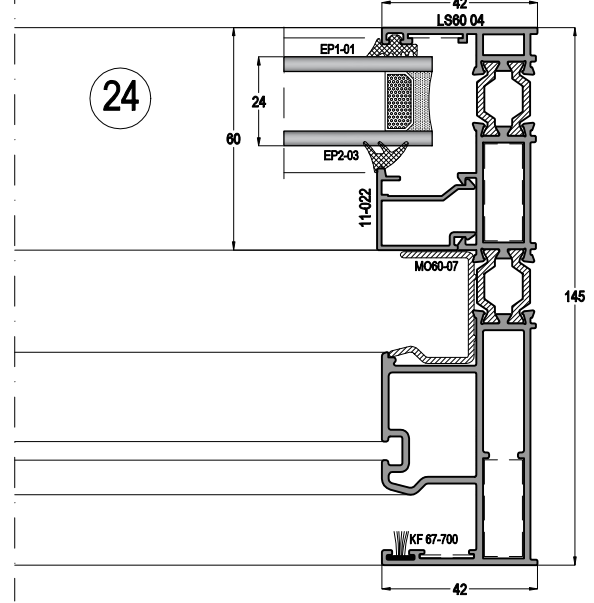
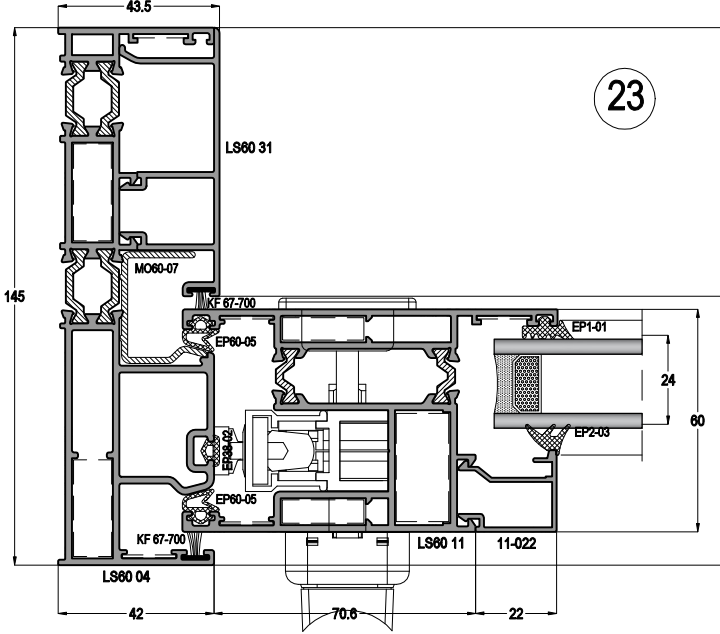


LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM

ASISTAL

HAREKETLİ KANADI İÇERİDE OLAN MONORAIL SİSTEM
MONORAIL SYSTEM WITH SLIDING SASH INSIDE

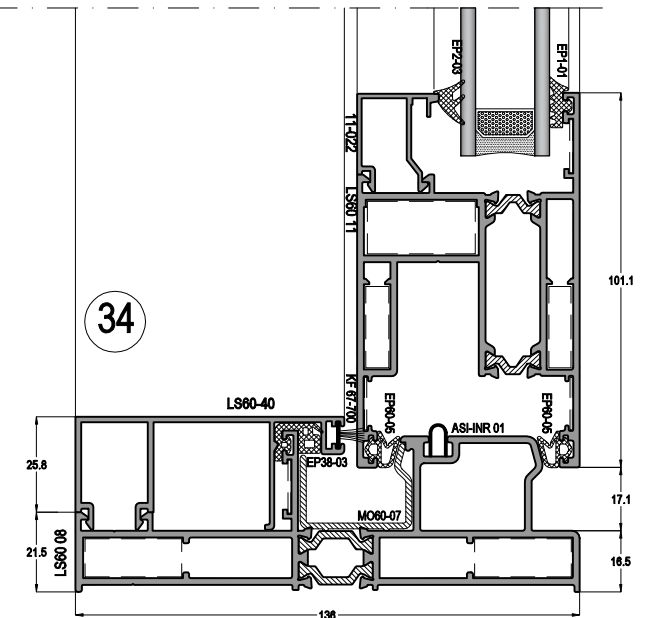
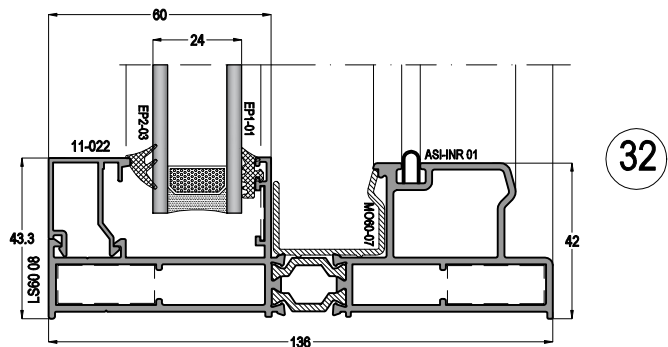
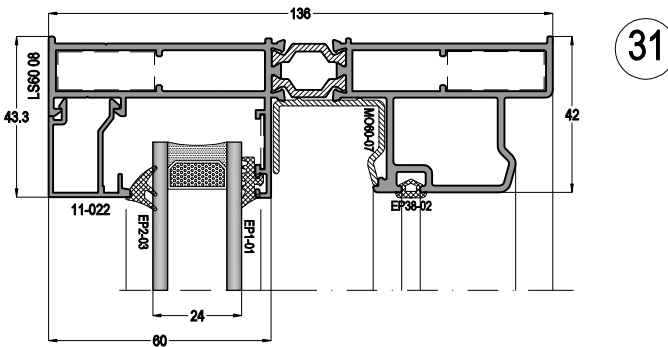
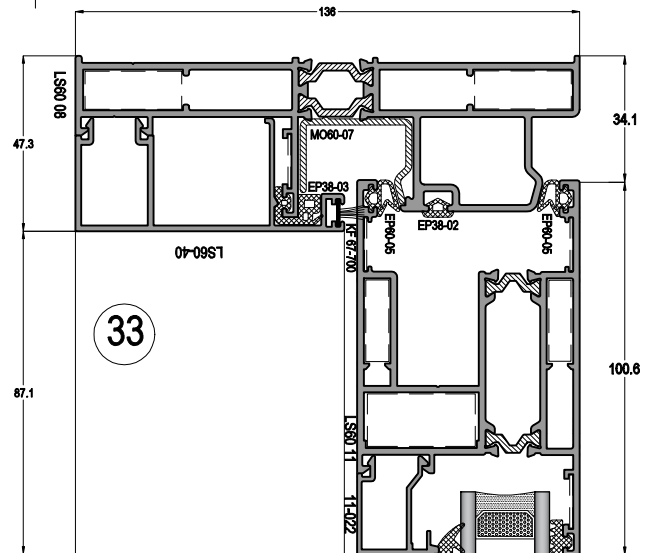
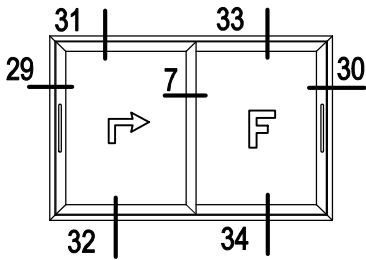
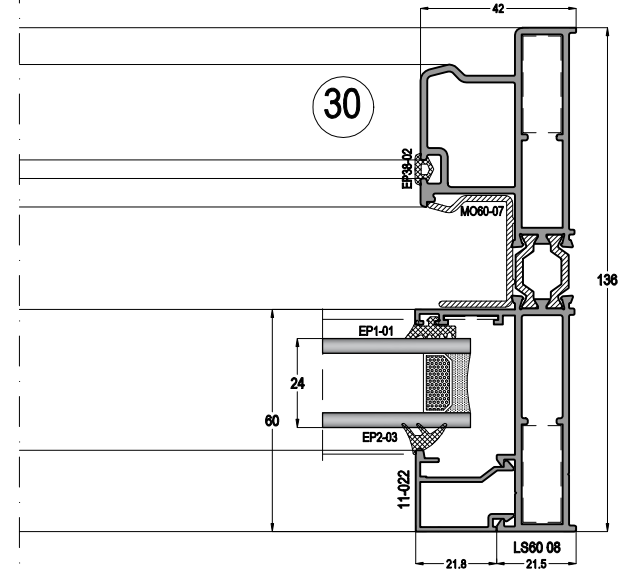
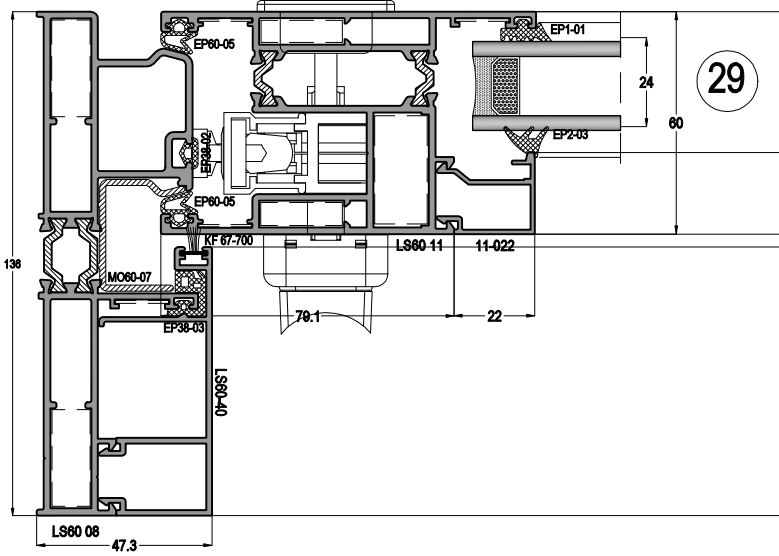


LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM



HAREKETLİ KANADI DIŞARIDA OLAN MONORAIL SİSTEM
MONORAIL SYSTEM WITH SLIDING SASH OUTSIDE



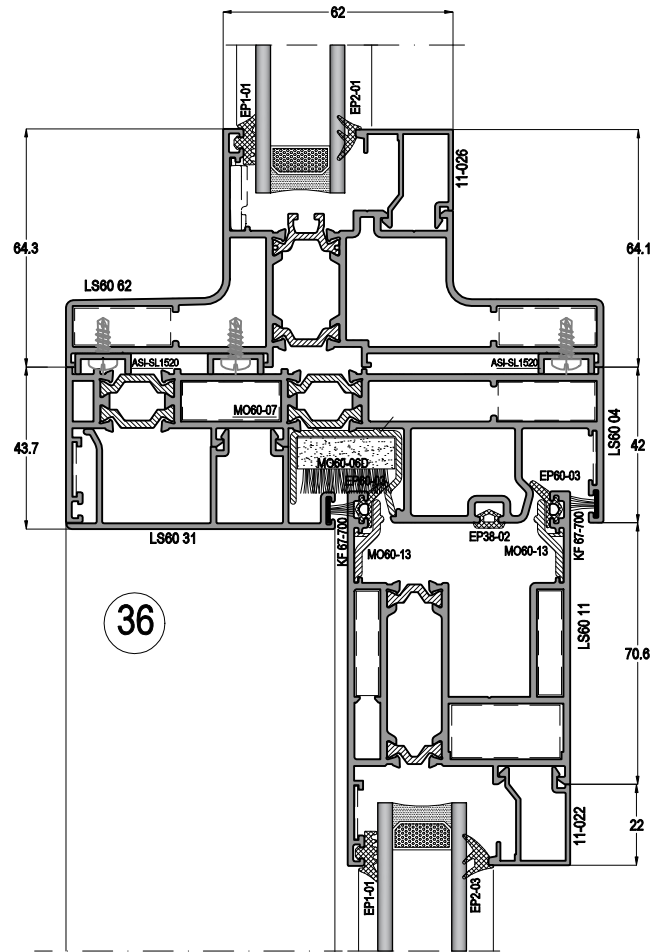
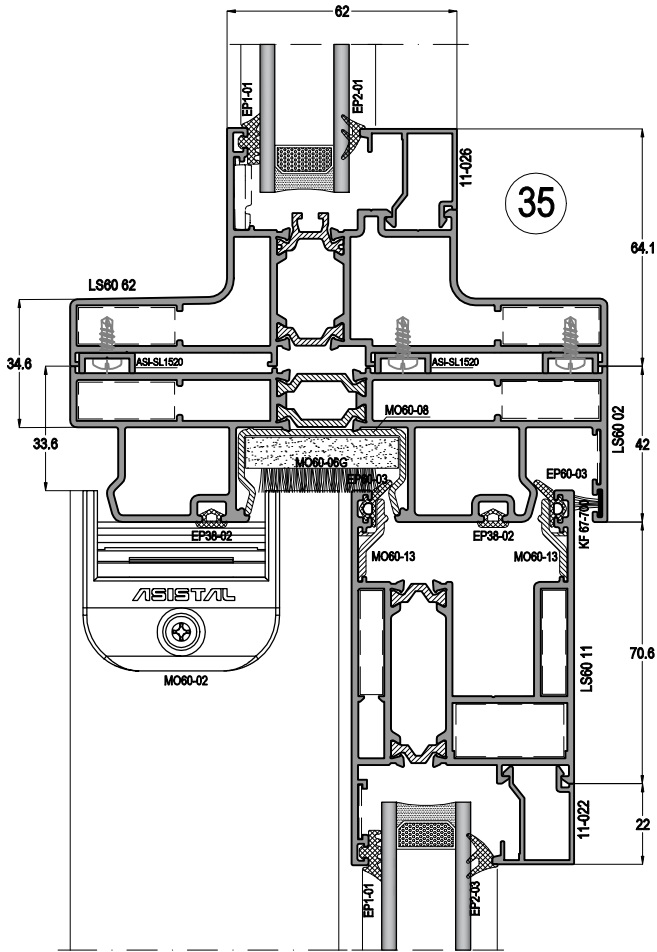
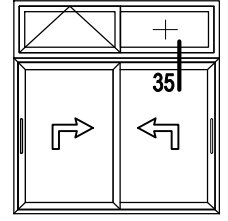
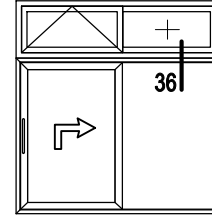
ö: 1/2

LS60 - 1,8mm

YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM



TH62 SİSTEME GEÇİŞ KASASI TRANSITION FRAME TO TH62 SYSTEM

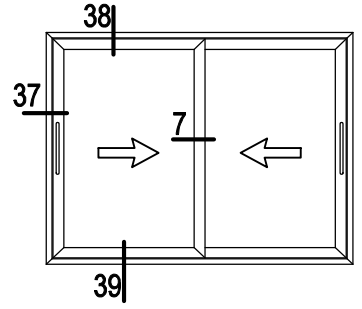


LS60 - 1,8mm

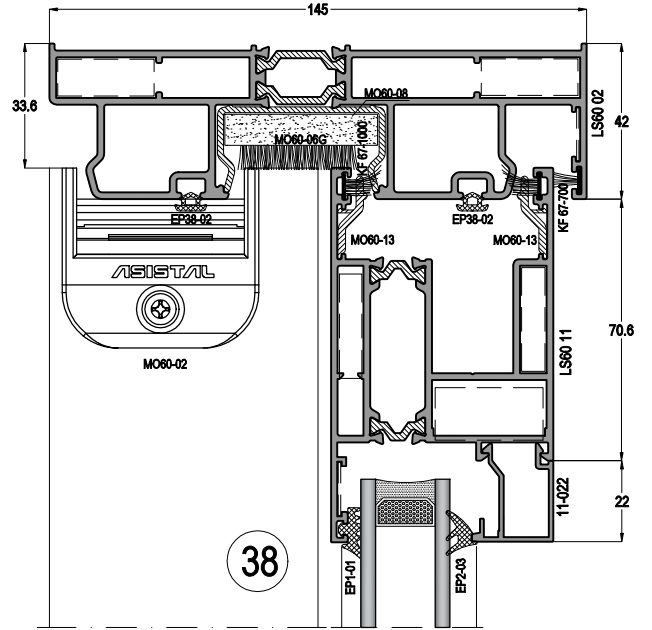
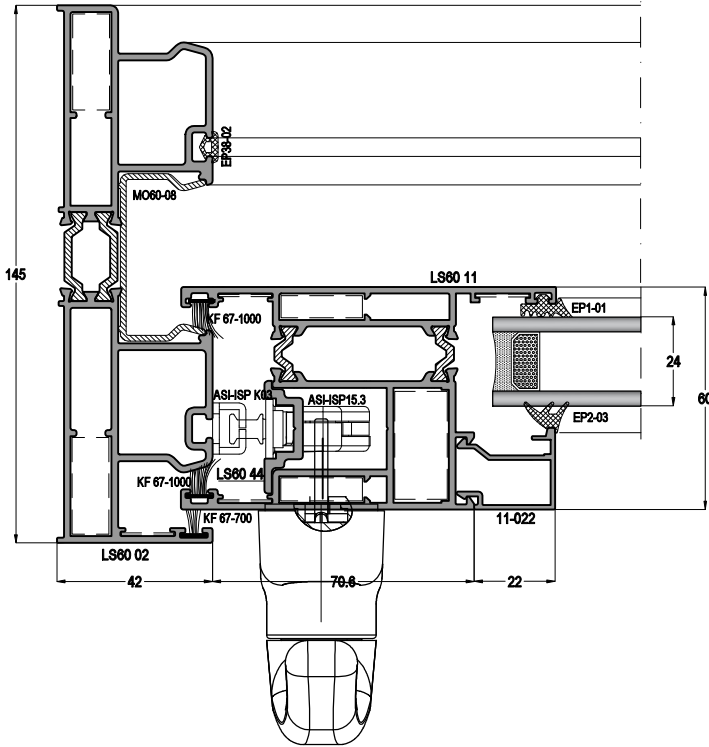
YALITIMLI KALDIR-SÜR SİSTEM
THERMAL LIFT&SLIDE SYSTEM



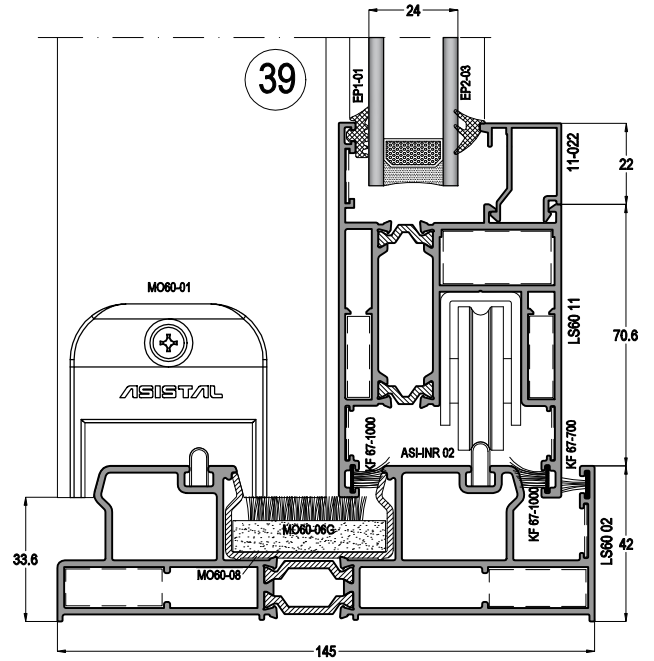
NORMAL SÜRME SİSTEM DETAYI - LS60 N NORMAL SLIDING SYSTEM DETAILS



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