

LUNA 71

PROFİL KATALOĞU
PROFILE CATALOG

ERSAŞ PEN

İçindekiler
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ERSAŞ PEN HAKKINDA

Ersaş Pen, yaşam alanlarını sadece koruyan değil, onları daha konforlu, estetik ve sürdürülebilir kılan çözümler üretir.

Her profilde, yalnızca PVC değil; akıl, mühendislik ve yılların tecrübesi vardır. Çünkü bizce bir pencere, sadece dış dünyayla bağlantı değil, aynı zamanda yaşam kalitesinin sınırıdır.

Ersaş Pen sistemleri, insana ve doğaya saygılı üretim anlayışıyla, kurşunsuz ve geri dönüştürülebilir malzemelerden üretilir.

Sürdürülebilirlik, bizim için bir hedef değil, üretimin temelidir.

Bu anlayışla, çevreyle uyumlu ve enerji verimliliği yüksek sistemler geliştirir; geleceği bugünden koruruz.

Ersaş Pen, güvenin, estetiğin ve dayanıklılığın ortak adıdır.
Hayatın her alanında konforu akılla buluşturan bir tercih.



ABOUT ERSAŞ PEN

Ersaş Pen develops solutions that not only protect living spaces but also make them more comfortable, aesthetic, and sustainable.

Behind every profile lies not only PVC, but also intelligence, engineering precision, and years of expertise.

Because for us, a window is more than just a connection to the outside world; it defines the boundaries of living quality.

Produced with respect for people and nature, Ersaş Pen systems are manufactured from lead-free, fully recyclable PVC compounds in line with European environmental standards.

For us, sustainability is not a goal, it is the foundation of production itself. With this approach, we design eco-friendly, energy-efficient window and door systems that help protect the future today.

Ersaş Pen stands for trust, aesthetics, and durability, a smart choice that unites comfort and intelligence in every aspect of life.



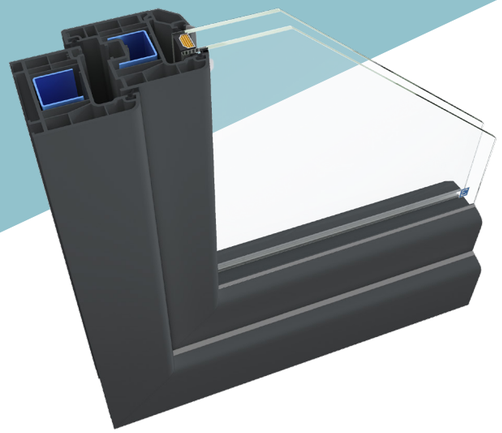
ZAMANSIZ TASARIM,
ÜSTÜN PERFORMANS

Ersaş Pen'in özenle geliştirdiği Luna 71, hafif yuvarlak hatlı klasik tasarımıyla her yaşam alanına uyum sağlar ve zamansız bir şıklık sunar. Sisteme özel tasarlanmış orta kayıt bağlantı takozu, orta kayıt bölgesinde oluşabilecek zaafiyetleri ortadan kaldırarak izolasyon ve ısı performansını artırır.

TIMELESS DESIGN,
SUPERIOR PERFORMANCE

Ersaş Pen premium products provide a cool environment in summer and a warm environment in winter thanks to their superior thermal insulation. With their reinforced wing structure and high-quality materials, they ensure long-lasting and safe use. Their minimalist and modern design adds an aesthetic touch to your home.



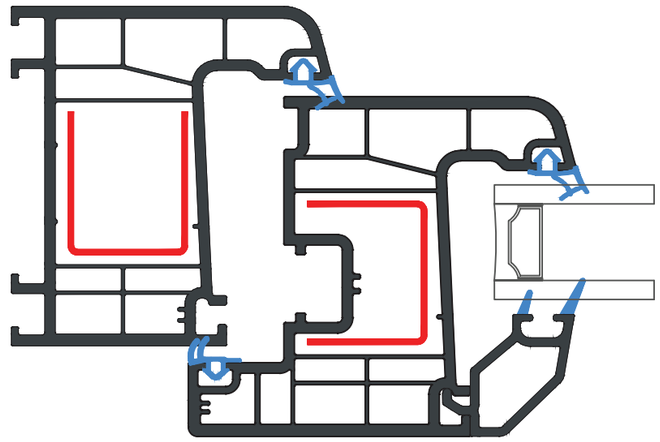


Ersaş Pen premium ürünleri üstün ısı yalıtımı sayesinde yazın serin, kışın sıcak bir ortam sunar. Güçlendirilmiş kanat yapısı ve kaliteli malzemesi ile uzun ömürlü ve güvenli kullanım sağlar. Minimal ve modern tasarımıyla evinize estetik bir dokunuş katar.

Ersaş Pen premium products provide a cool environment in summer and a warm environment in winter thanks to their superior thermal insulation. With their reinforced wing structure and high-quality materials, they ensure long-lasting and safe use. Their minimalist and modern design adds an aesthetic touch to your home.

LUNA 71

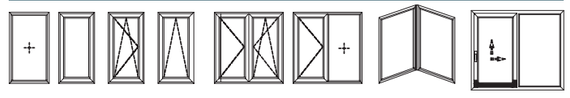
Kapı ve Pencere Sistemleri



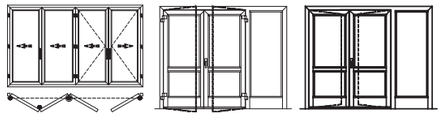
TEKNİK ÖZELLİKLER	
Profil genişliği	71 mm
Et kalınlığı	B sınıfı
Odacık sayısı	5 odacıklı sistem
Isı iletim katsayısı Uf	1,31 W/m²K
Cam kalınlıkları	4-20-24-30 mm
Conta tipi / rengi	TPE siyah / gri

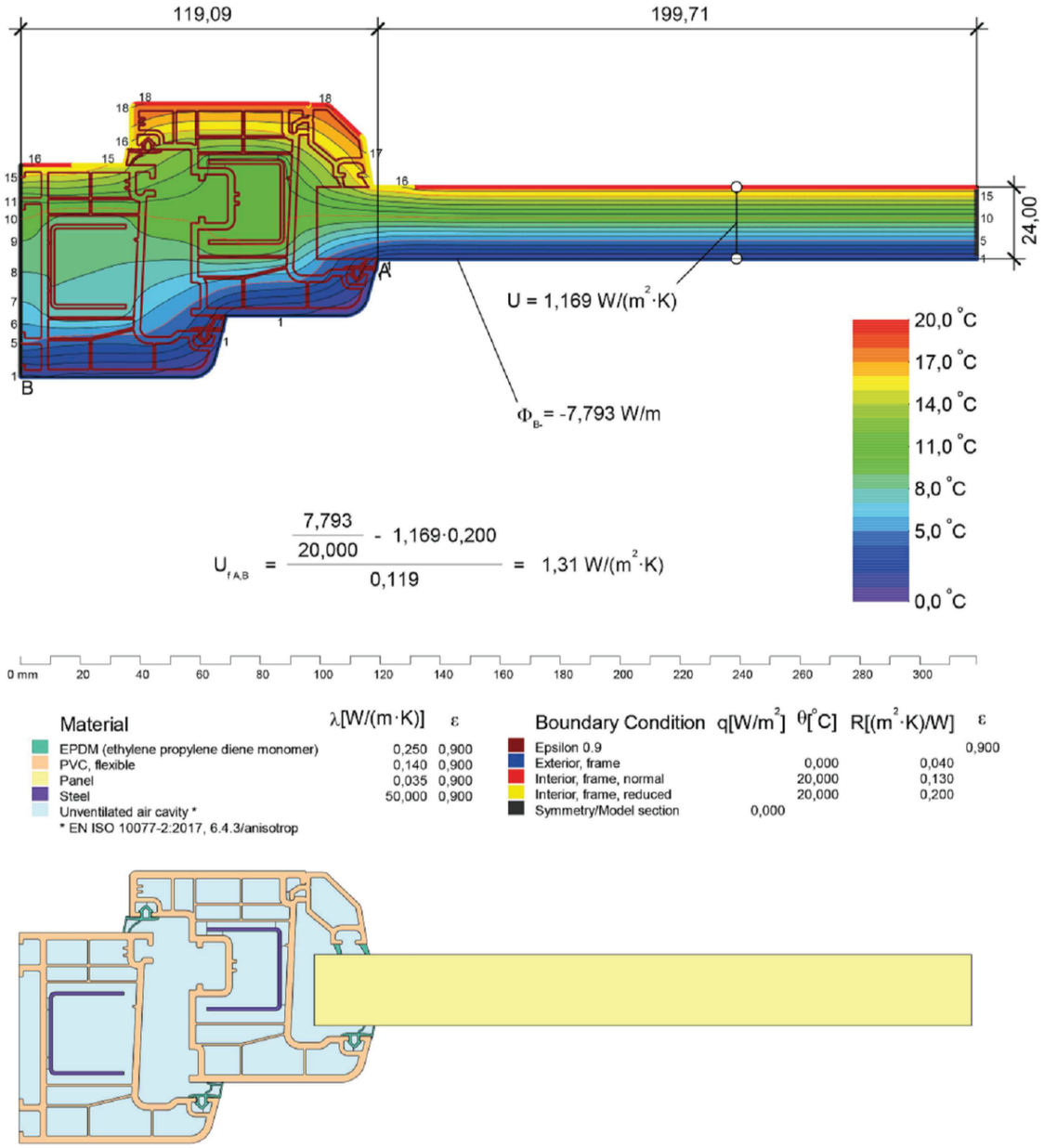
TECHNICAL PROPERTIES	
Profil width	71 mm
Wall thickness	B class
Number of chambers	5 chambers system
UF value	1,31 W/m²K
Glass thickness	4-20-24-30 mm
Gasket model / color	TPE black / grey

TİPOLOJİLER / TYPOLOGIES



KAPILAR / DOORS





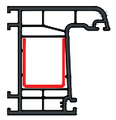
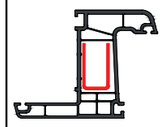
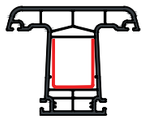
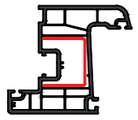
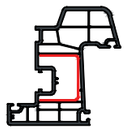
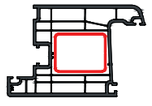
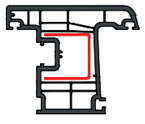
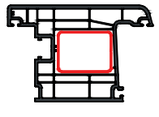
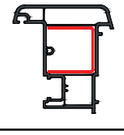
$$U_{f\,A,B} = \frac{\frac{7,793}{20,000} - 1,169 \cdot 0,200}{0,119} = 1,31\ W/(m^2 \cdot K)$$

Material	λ[W/(m·K)]	ε
EPDM (ethylene propylene diene monomer)	0,250	0,900
PVC, flexible	0,140	0,900
Panel	0,035	0,900
Steel	50,000	0,900
Unventilated air cavity *		

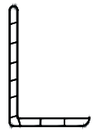
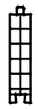
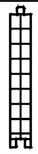
* EN ISO 10077-2:2017, 6.4.3/anisotrop

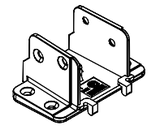
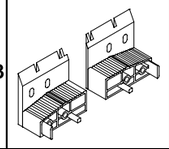
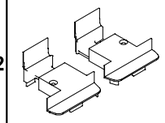
Boundary Condition	q[W/m²]	θ[°C]	R[(m²·K)/W]	ε
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal		20,000	0,130	
Interior, frame, reduced		20,000	0,200	
Symmetry/Model section	0,000			

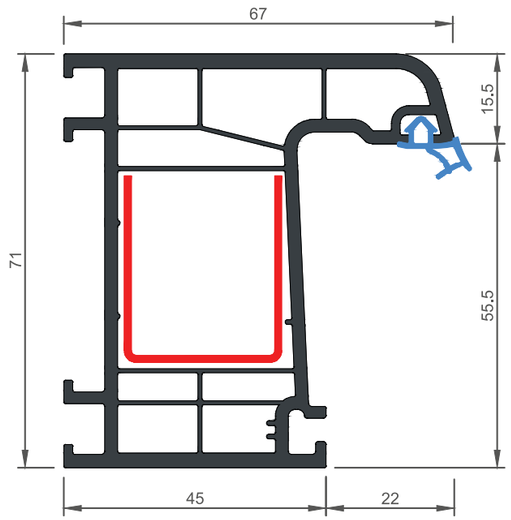
PROFİLLER
PROFILES

Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
CL-110		**Kasa Profili** *Frame Profile*
CL-120		**Pervazlı Kasa Profili** *Frame Profile with Architrave*
CL-210		**Orta Kayıt Profili** *Mullion Profile*
CL-310		**Kanat Profili** *Sash Profile*
CL-350		**Damlalıklı Kanat Profili** *Window Sash Profile with Drip*
CL-320		**Kapı Profili** *Door Profile*
CL-330		**Dışa Açılır Kanat Profili** *Outward Opening Sash Profile*
CL-340		**Dışa Açılır Kapı Profili** *Outward Opening Door Profile*
AP-220		**Hareketli Orta Kayıt Profili** *Movable Mullion Profile*

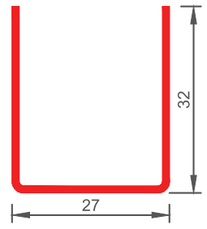
Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
AP-515		**30mm Cama Göre Çıta** *Glazing With 30mm Gap*
AP-523		**24mm Cama Göre Çıta** *Glazing With 24mm Gap*
AP-526		**20mm Cama Göre Çıta** *Glazing With 20mm Gap*
AP-542		**4mm Cama Göre Çıta** *Glazing With 4mm Gap*
AP-440		**Kasa Yükseltme Profili** *Frame Lifting Profile*
AP-421		**90 Derece Köşe Dönüş Profili** *90 Degree Corner Turn Adapter*
AP-422		**60'lık Boru Profili** *60' Pipe Profile*
AP-423		**Köşe Dönüş Adaptörü** *Corner Turn Adapter*
AP-431		**İnce Bağ Profili** *Thin Bond Profile*

Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
AP-411		**Pervaz Profili** *Architrave Profile*
AP-461		**100'lük 24mm Lambiri** *100' 24mm Panel*
AP-462		**150'lük 24mm Lambiri** *150' 24mm Panel*
AP-470		**Eşik Profili** *Threshold Profile*
AP-460		**Eşik Kapama Profili** *Threshold Closing Profile*

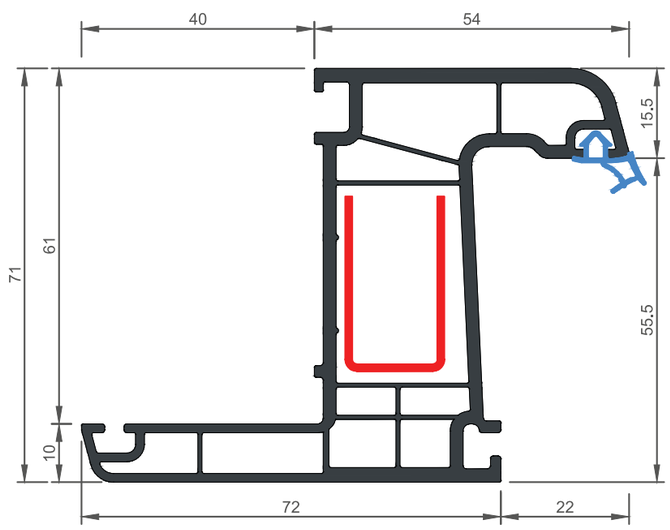
Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
YR-0501002		**Orta Kayıt Bağlantı Takozu** *Mullion Connector Block*
YR-0403103		**Eşik Yan Kapakları** *Threshold Side Covers*
YR-0402002		**Hareketli Orta Kayıt Adaptör Kapakları** *Movable Mullion Adapter Covers*



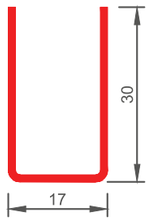
CL-110
Kasa Profili
Frame Profile



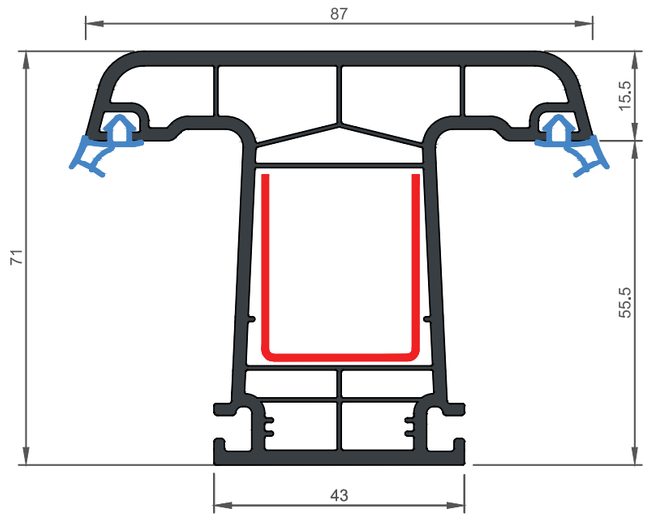
TM-0401015
Destek Sacı
Reinforcement Steel



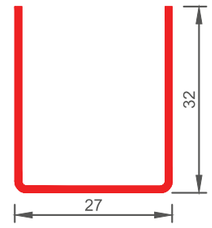
CL-120
Pervazlı Kasa Profili
Frame Profile with Architrave



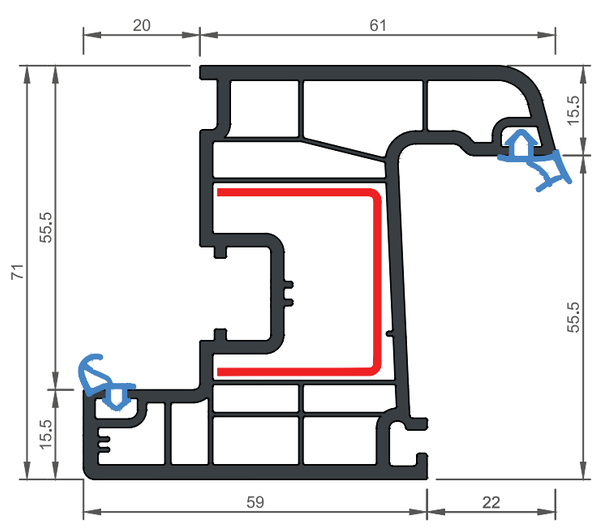
TM-0401020
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Reinforcement Steel



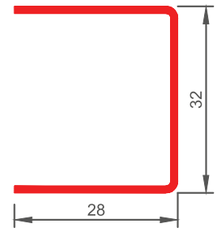
CL-210
Orta Kayıt Profili
Mullion Profile



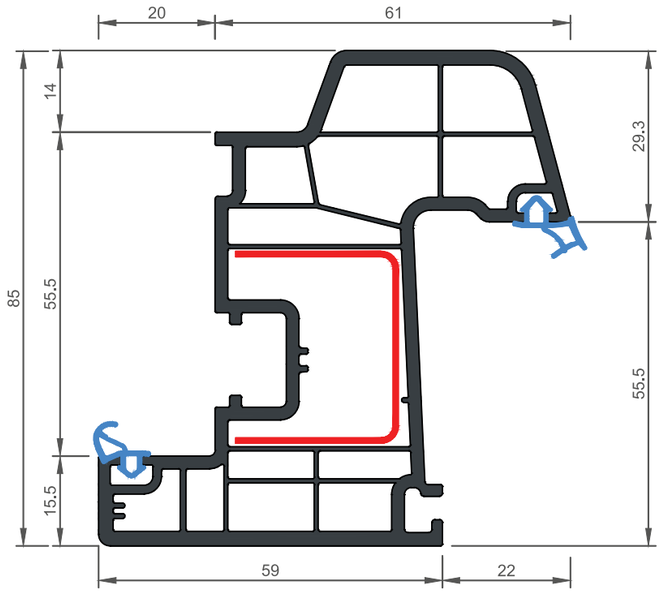
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Destek Sacı
Reinforcement Steel



CL-310
Kanat Profili
Sash Profile



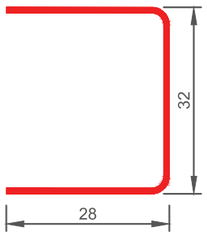
TM-0401016
Destek Sacı
Reinforcement Steel



CL-350

Damlalıklı Kanat Profili

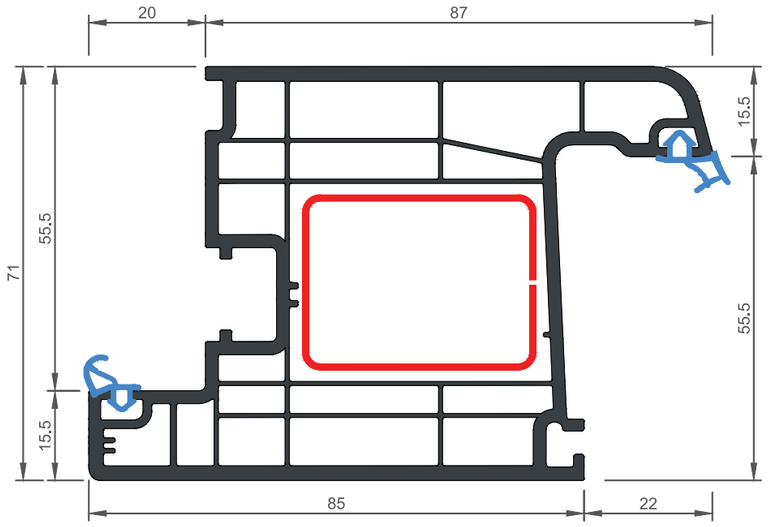
Window Sash Profile with Drip



TM-0401016

Destek Sacı

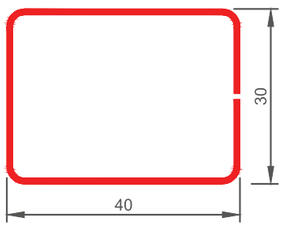
Reinforcement Steel



CL-320

Kapı Profili

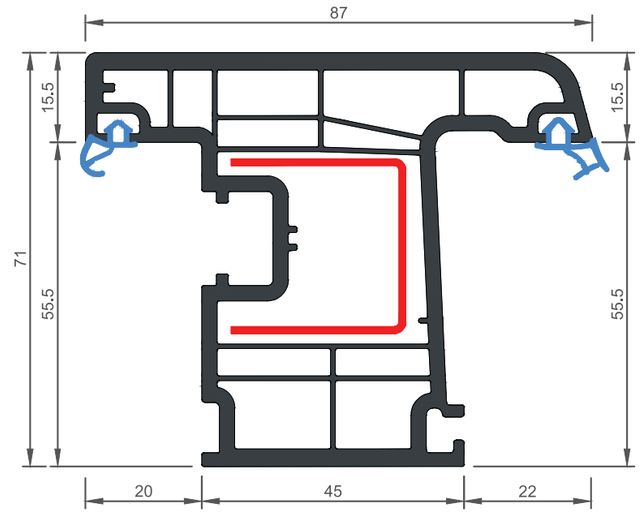
Door Profile



TM-0402032

Destek Sacı

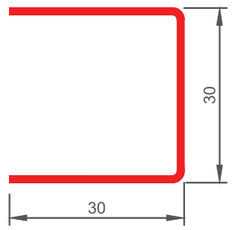
Reinforcement Steel



CL-330

Dışa Açılır Kanat Profili

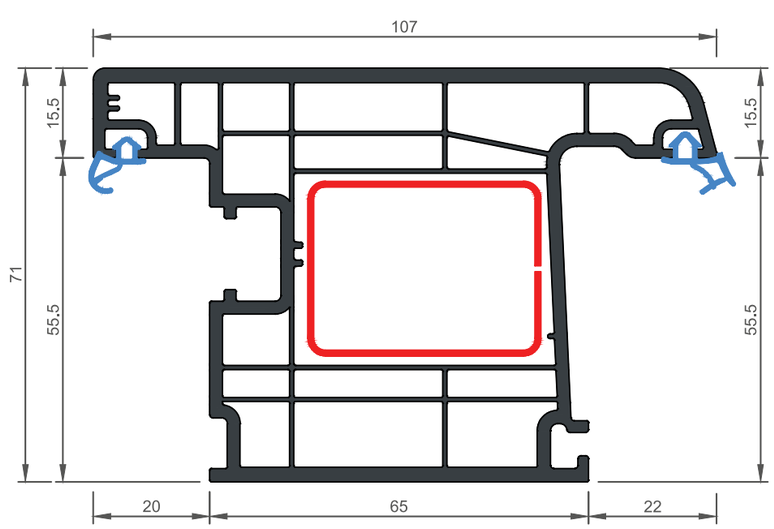
Outward Opening Sash Profile



TM-0401022

Destek Sacı

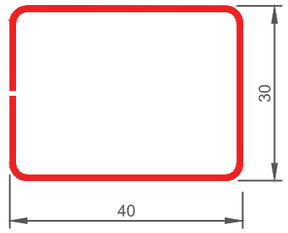
Reinforcement Steel



CL-340

Dışa Açılır Kapı Profili

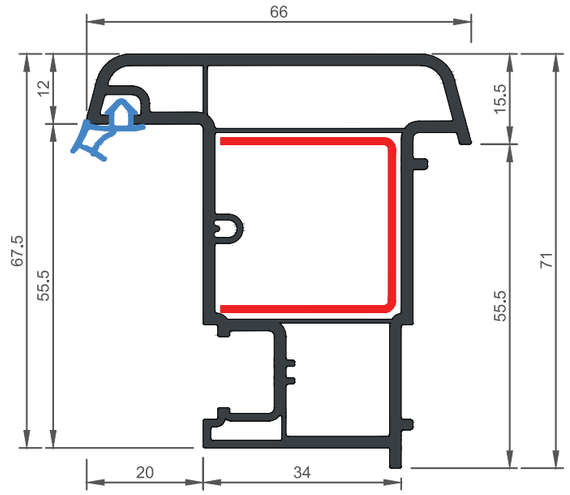
Outward Opening Door Profile



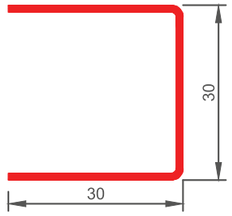
TM-0402032

Destek Sacı

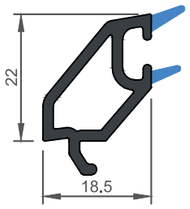
Reinforcement Steel



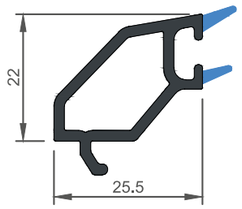
AP-220
Hareketli Orta Kayıt Profili
Movable Mullion Profile



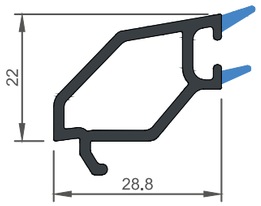
TM-0401022
Destek Sacı
Reinforcement Steel



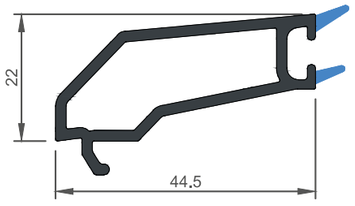
AP-515
30mm Cama Göre Çıta
Glazing With 30mm Gap



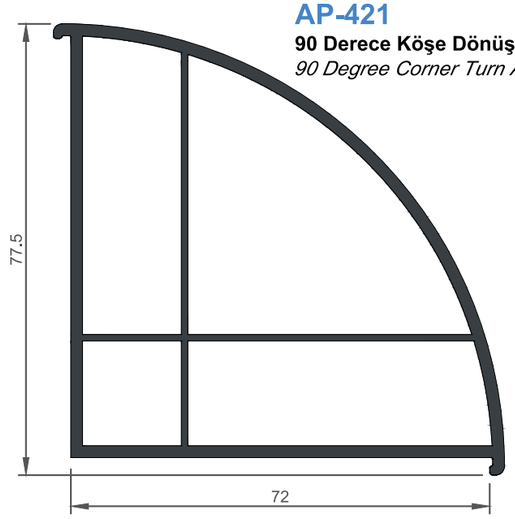
AP-523
24mm Cama Göre Çıta
Glazing With 24mm Gap



AP-526
20mm Cama Göre Çıta
Glazing With 20mm Gap



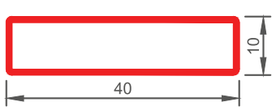
AP-542
4mm Cama Göre Çıta
Glazing With 4mm Gap



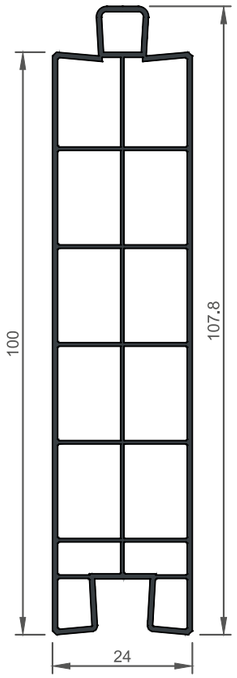
AP-421
90 Derece Köşe Dönüş Profili
90 Degree Corner Turn Adapter



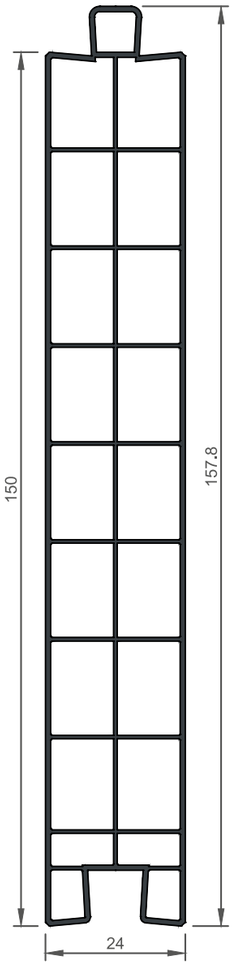
AP-440
Kasa Yükseltme Profili
Frame Lifting Profile



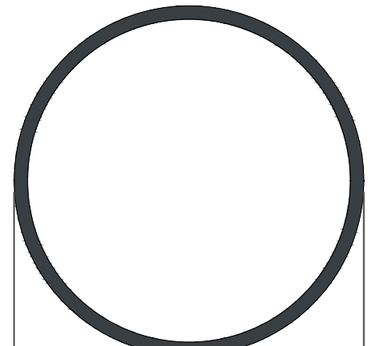
TM-0402035
Destek Sacı
Reinforcement Steel



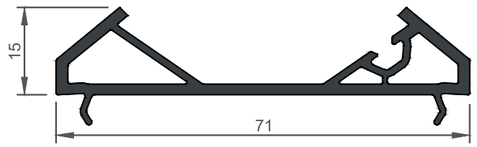
AP-461
100'lük Lambiri
100' Panel



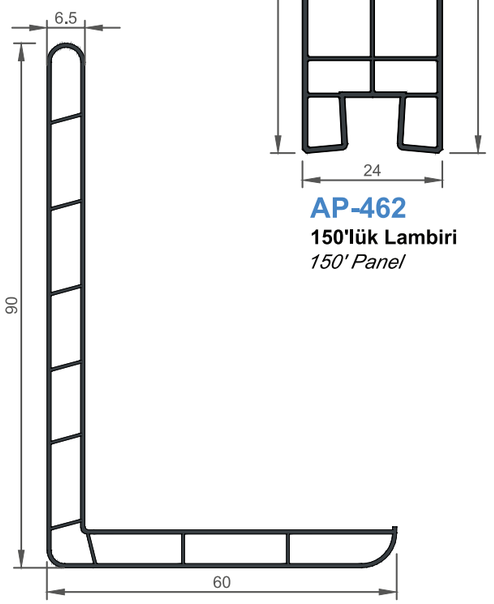
AP-462
150'lük Lambiri
150' Panel



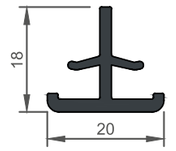
AP-422
60'lık Boru Profili
60' Pipe Profile



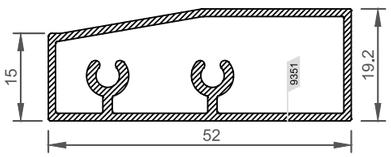
AP-423
Köşe Dönüş Adaptörü
Corner Turn Adapter



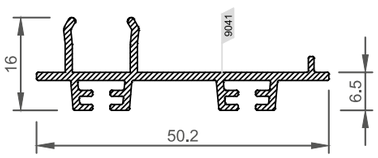
AP-411
Pervaz Profili
Architrave Profile



AP-431
İnce Bağ Profili
Thin Bond Profile

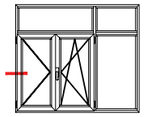


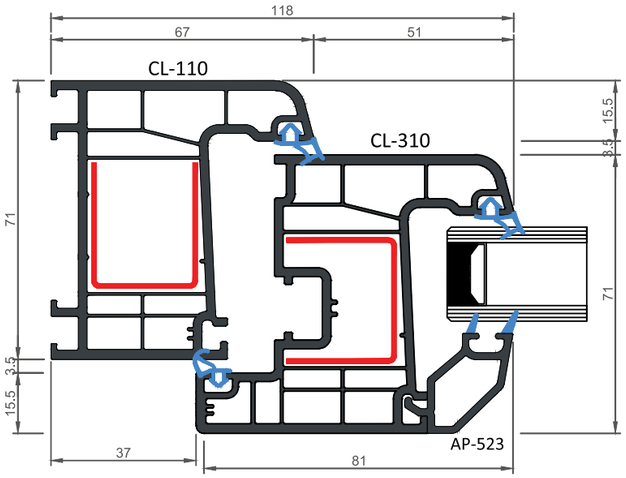
AP-470
Eşik Profili
Threshold Profile

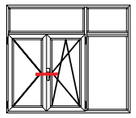


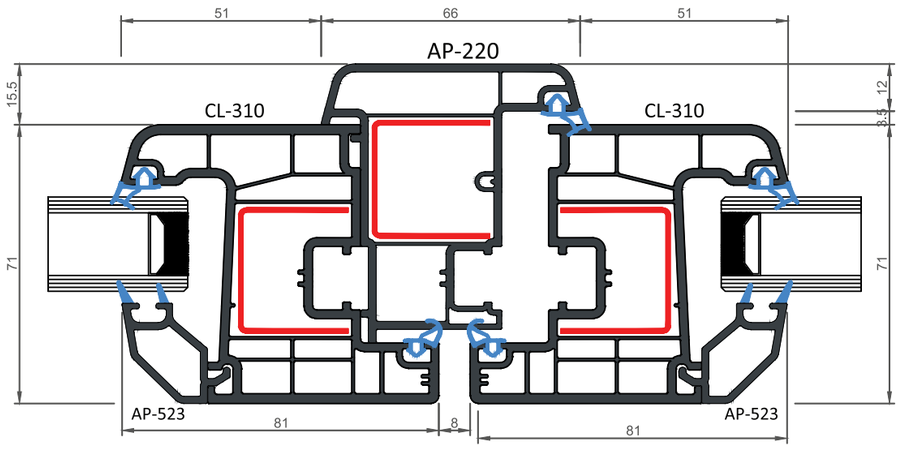
AP-460
Eşik Kapama Profili
Threshold Closing Profile

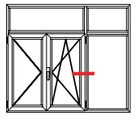
DETAYLAR
DETAILS

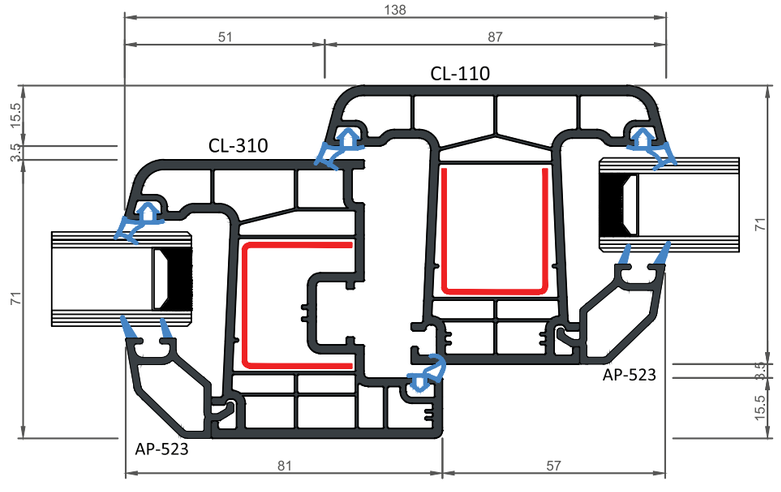


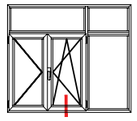


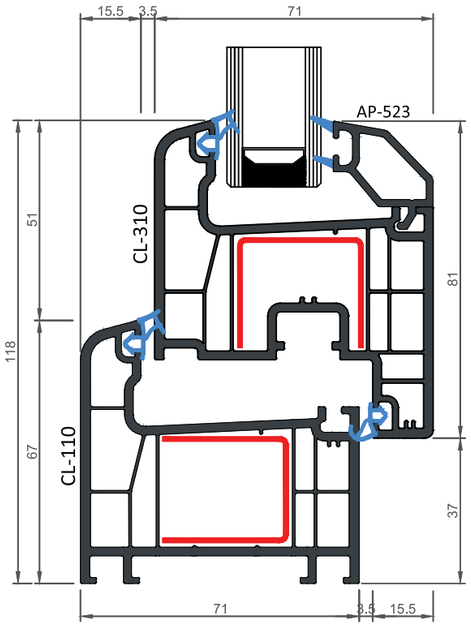


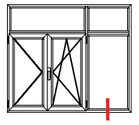


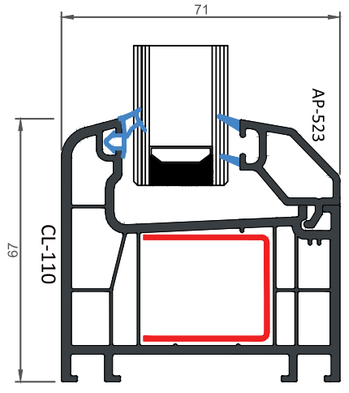


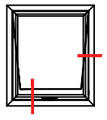




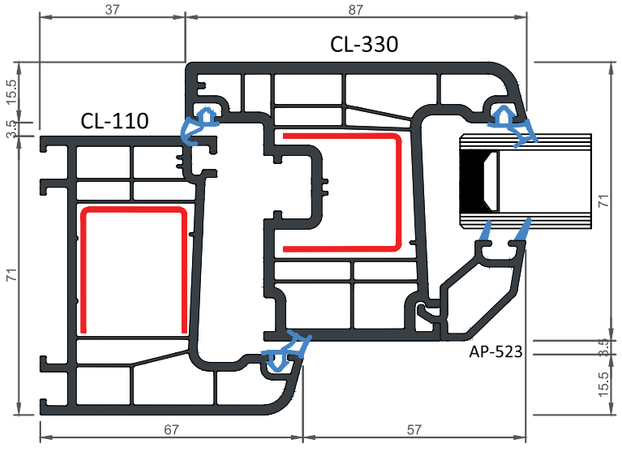


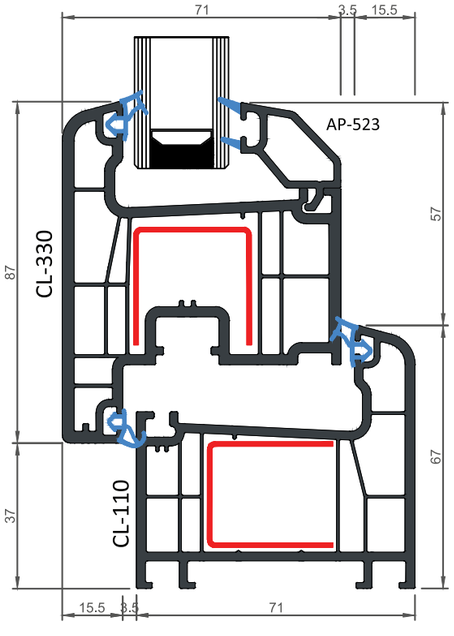


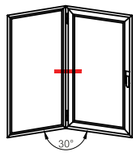


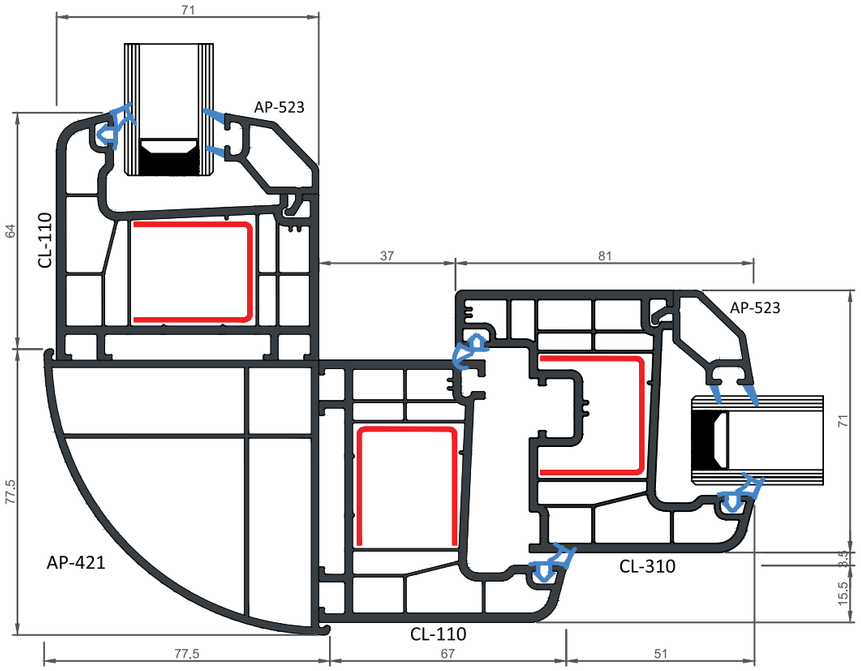


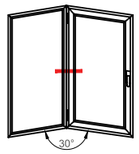
DIŞA AÇILIR TEK PENCERE DETAYLARI
OUTWARD OPENING SINGLE WINDOW DETAILS



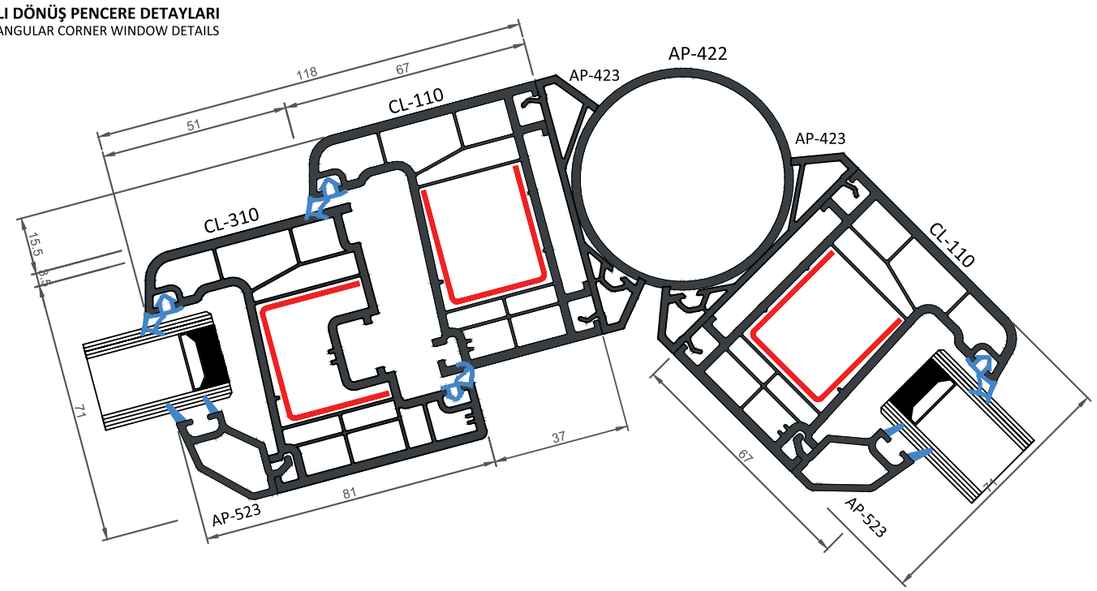


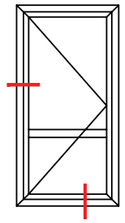




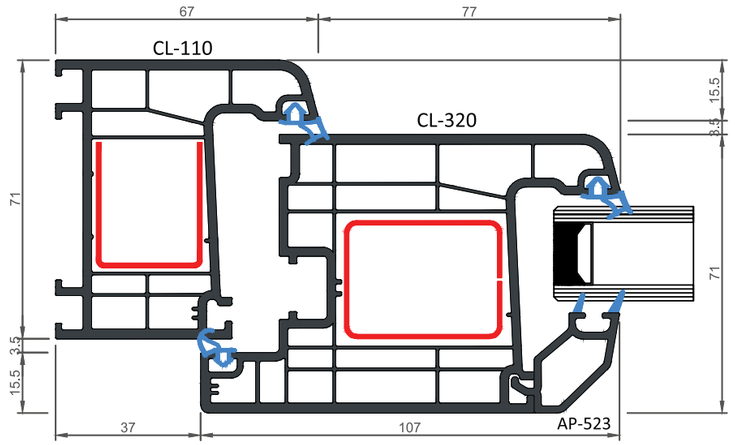


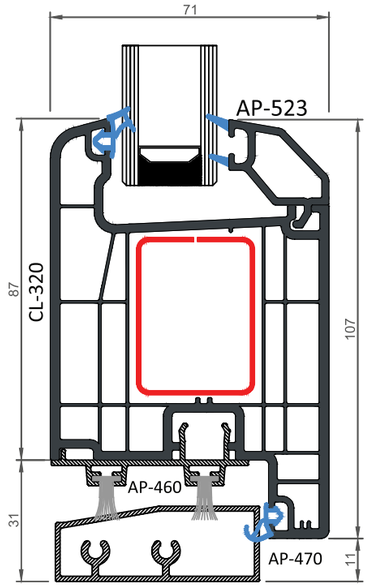
AÇILI DÖNÜŞ PENCERE DETAYLARI
ANGULAR CORNER WINDOW DETAILS

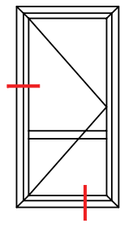




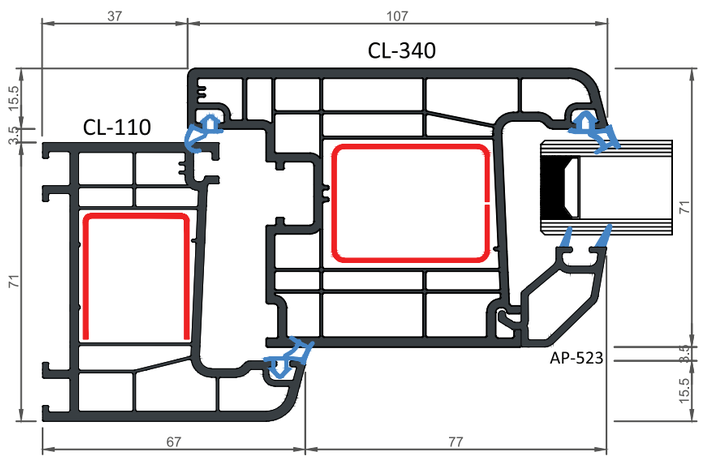
İÇE AÇILIR KAPI DETAYLARI
INWARD OPENING DOOR DETAILS

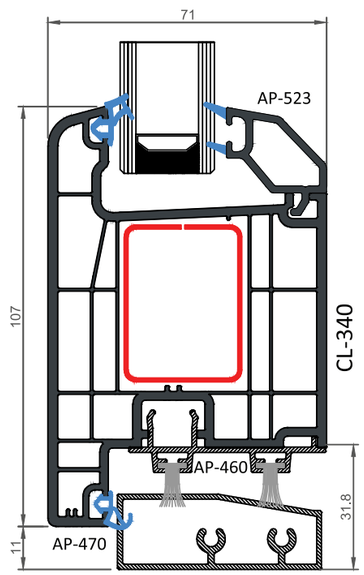






DIŞA AÇILIR KAPI DETAYLARI
OUTWARD OPENING DOOR DETAILS







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