

CLASS 61

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.





SADE TEKNOLOJİ, ETKİLİ KORUMA

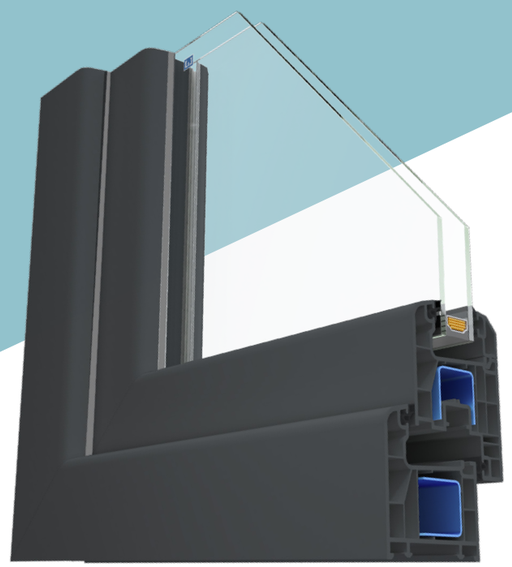
Optimum performans için geliştirilen Class 61, 4 odacıklı yapısı ve sağlam PVC profiliyle uzun ömürlü bir sistem çözümüdür.

Enerji verimliliği ve işlevselliği sade bir tasarım anlayışıyla birleştirir.
Her ölçekten projede, güvenilirliği ve erişilebilirliği bir arada sunar.

SIMPLE TECHNOLOGY, EFFECTIVE PROTECTION

Developed for optimum performance, Class 61 is a long-lasting system solution with its 4-chamber structure and robust PVC profile.

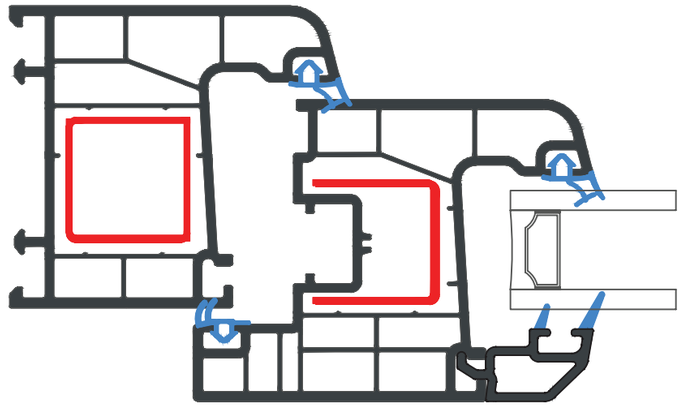
It combines energy efficiency and functionality with a simple design approach. It offers reliability and accessibility for projects of all sizes.



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.

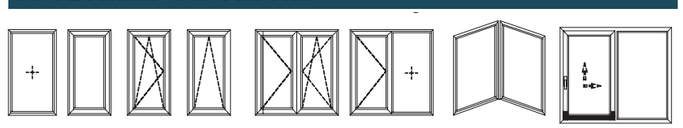
CLASS 61
Kapı ve Pencere Sistemleri



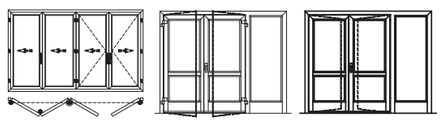
TEKNİK ÖZELLİKLER	
Profil genişliği	61 mm
Et kalınlığı	B sınıfı
Odacık sayısı	4 odacıklı sistem
Isı iletim katsayısı Uf	1,37 W/m²K
Cam kalınlıkları	4-20-24 mm
Conta tipi / rengi	TPE siyah / gri

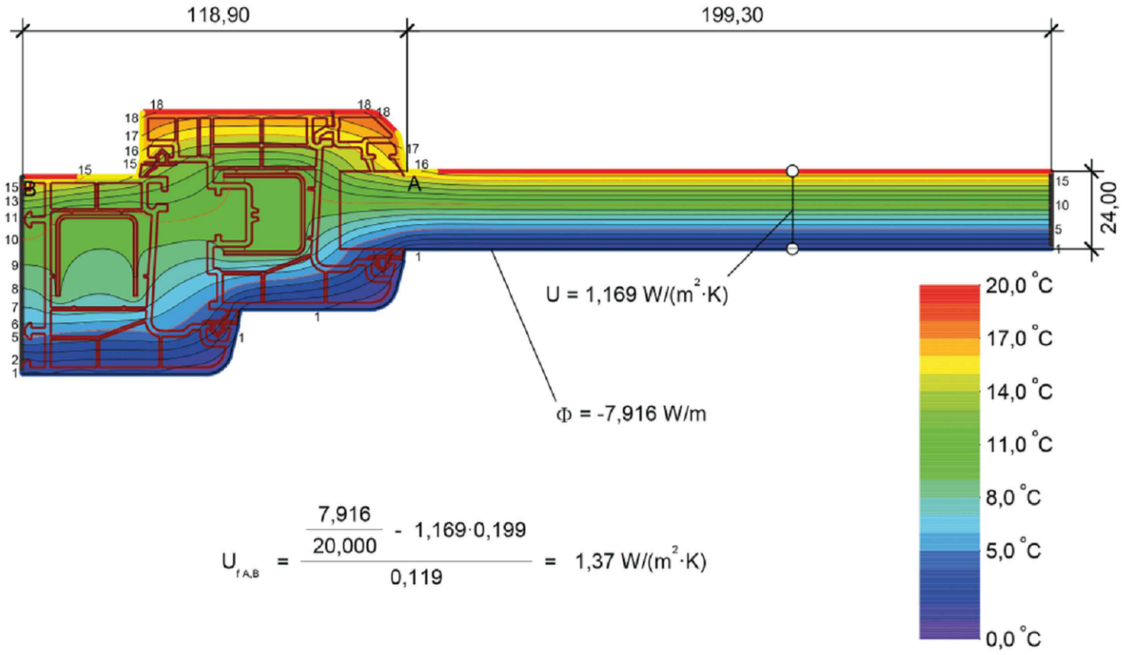
TECHNICAL PROPERTIES	
Profil width	61 mm
Wall thickness	B class
Number of chambers	4 chambers system
UF value	1,37 W/m²K
Glass thickness	4-20-24 mm
Gasket model / color	TPE black / grey

TİPOLOJİLER / TYPOLOGIES



KAPILAR / DOORS



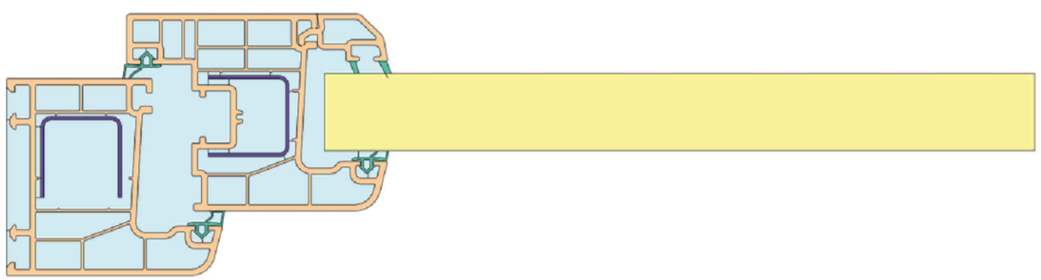


$$U_{f\,A,B} = \frac{\frac{7,916}{20,000} - 1,169 \cdot 0,199}{0,119} = 1,37\ W/(m^2 \cdot K)$$

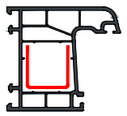
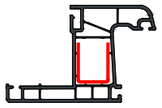
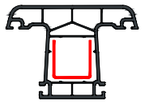
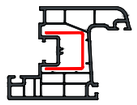
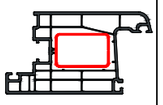
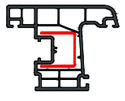
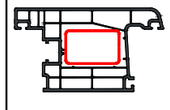
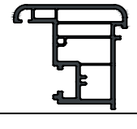
Material	λ[W/(m·K)]	ε
EPDM (ethylene propylene diene monomer)	0,250	0,900
PVC, flexible	0,140	0,900
Panel	0,035	0,900
Steel	50,000	0,900
Unventilated air cavity *		

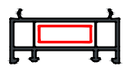
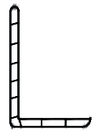
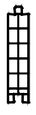
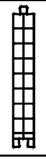
* EN ISO 10077-2:2017, 6.4.3/anisotrop

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			

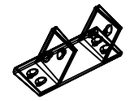
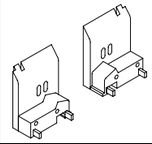
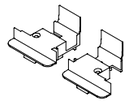


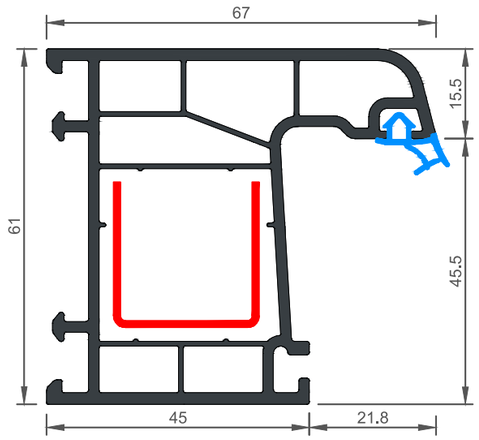
PROFİLLER
PROFILES

Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
CO-110		**Kasa Profili** *Frame Profile*
CO-120		**Pervazlı Kasa Profili** *Frame Profile with Architrave*
CO-210		**Orta Kayıt Profili** *Mullion Profile*
CO-310		**Kanat Profili** *Sash Profile*
CO-320		**Kapı Profili** *Door Profile*
CO-330		**Dışa Açılır Kanat Profili** *Outward Opening Sash Profile*
CO-340		**Dışa Açılır Kapı Profili** *Outward Opening Door Profile*
AP-220		**Hareketli Orta Kayıt Profili** *Movable Mullion Profile*
CO-512		**24mm Cama Göre Çıta** *Glazing With 24mm Gap*

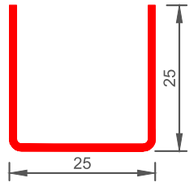
Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
CO-514		**20mm Cama Göre Çıta** *Glazing With 20mm Gap*
CO-522		**4mm Cama Göre Çıta** *Glazing With 4mm Gap*
CO-440		**Kasa Yükseltme Profili** *Frame Lifting Profile*
AP-422		**60'lık Boru Profili** *60' Pipe Profile*
CO-423		**Köşe Dönüş Adaptörü** *Corner Turn Adapter*
AP-431		**İnce Bağ Profili** *Thin Bond Profile*
AP-411		**Pervaz Profili** *Architrave Profile*
AP-461		**100'lük 24mm Lambiri** *100' 24mm Panel*
AP-462		**150'lük 24mm Lambiri** *150' 24mm Panel*

Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
CO-460		**Eşik Kapama Profili** *Threshold Closing Profile*
CO-470		**Eşik Profili** *Threshold Profile*
AP-416		**Motifli Pervaz Profili** *Ornamented Architrave Profile*

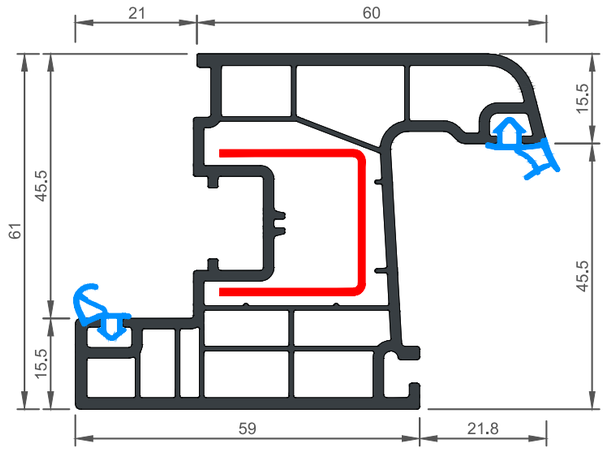
Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
YR-0501001		**Orta Kayıt Bağlantı Takozu** *Mullion Connector Block*
YR-0403102		**Eşik Yan Kapakları** *Threshold Side Covers*
YR-0402003		**Hareketli Orta Kayıt Adaptör Kapakları** *Movable Mullion Adapter Covers*



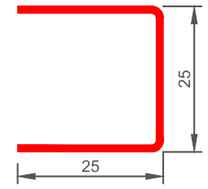
CO-110
Kasa Profili
Frame Profile



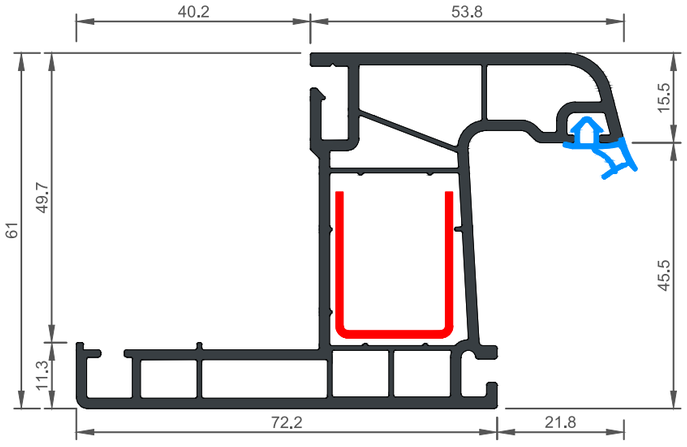
TM-0401023
Destek Sacı
Reinforcement Steel



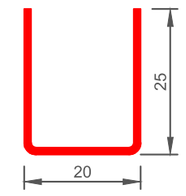
CL-310
Kanat Profili
Sash Profile



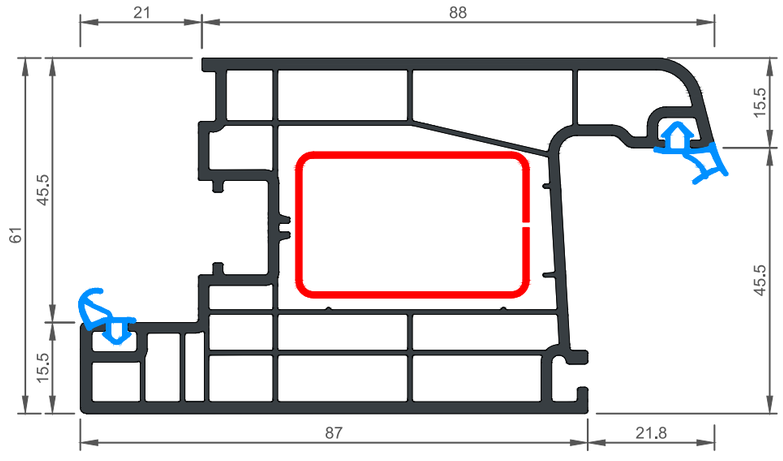
TM-0401023
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Reinforcement Steel



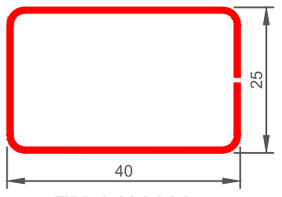
CO-120
Pervazlı Kasa Profili
Frame Profile with Architrave



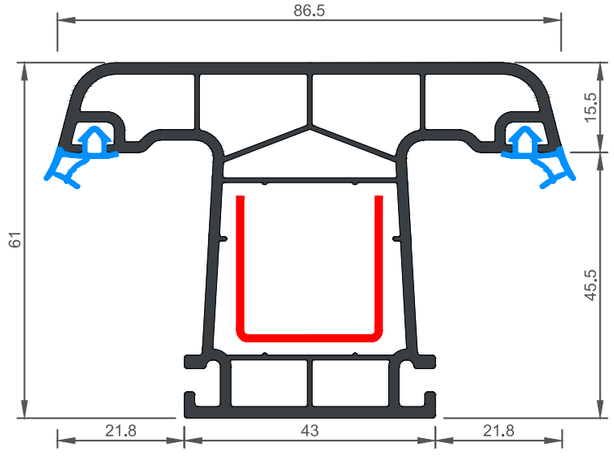
TM-0401024
Destek Sacı
Reinforcement Steel



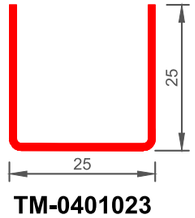
CO-320
Kapı Profili
Door Profile



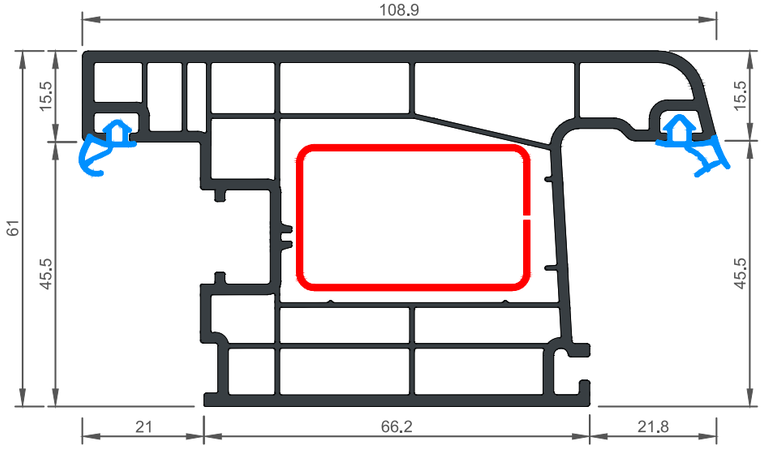
TM-0402033
Destek Sacı
Reinforcement Steel



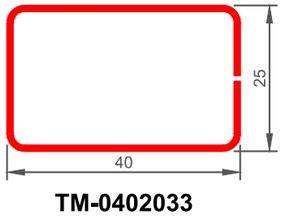
CO-210
Orta Kayıt Profili
Mullion Profile



TM-0401023
Destek Sacı
Reinforcement Steel

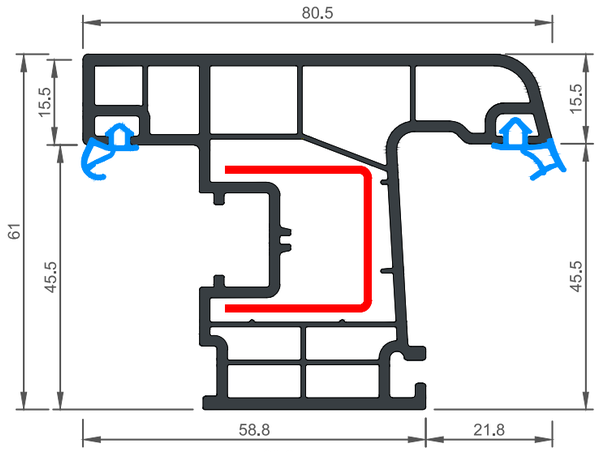


CO-340
Dışa Açılır Kapı Profili
Outward Opening Door Profile

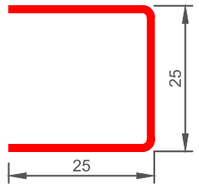


TM-0402033
Destek Sacı
Reinforcement Steel

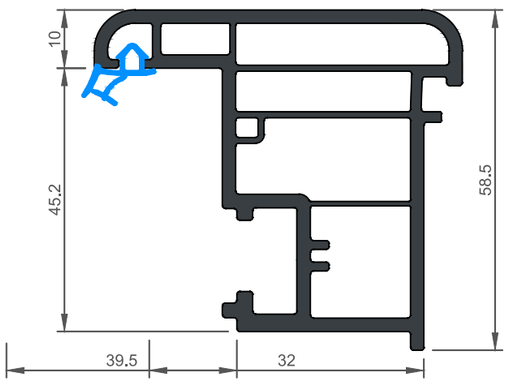
ANA PROFİLLER / MAIN PROFILES



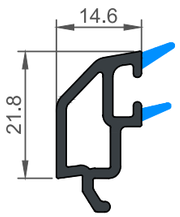
CO-330
Dışa Açılır Kanat Profili
Outward Opening Sash Profile



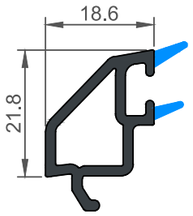
TM-0401023
Destek Sacı
Reinforcement Steel



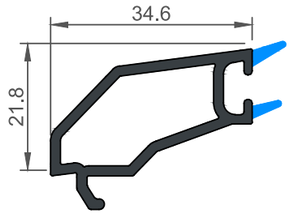
CO-220
Hareketli Orta Kayıt Profili
Movable Mullion Profile



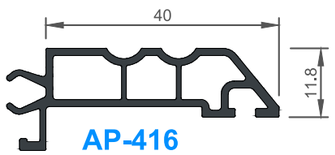
CO-512
24mm Cama Göre Çıta
Glazing With 24mm Gap



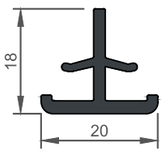
CO-514
20mm Cama Göre Çıta
Glazing With 20mm Gap



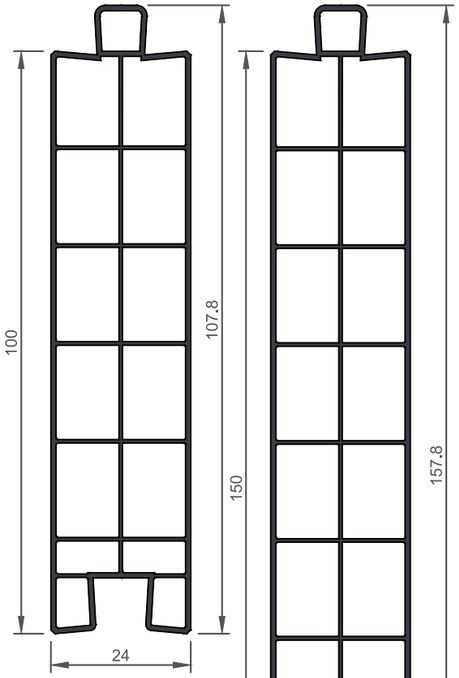
CO-522
4mm Cama Göre Çıta
Glazing With 4mm Gap



AP-416
Motifli Pervaz Profili
Ornamented Architrave Profile

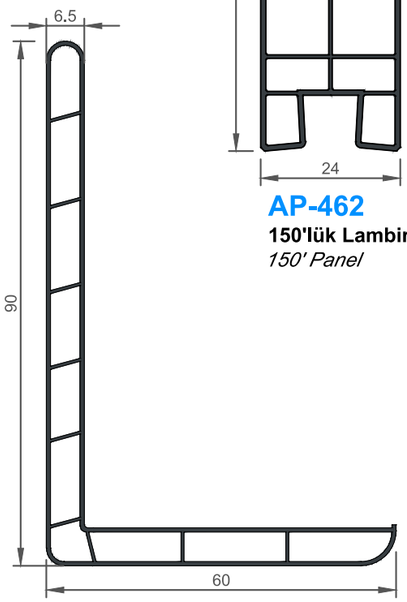


AP-431
İnce Bağ Profili
Thin Bond Profile

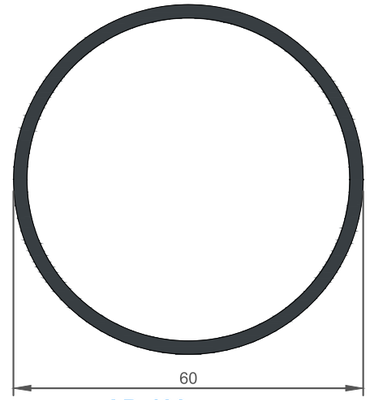


AP-461
100'lük Lambiri
100' Panel

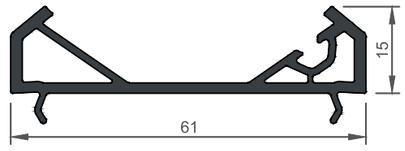
AP-462
150'lük Lambiri
150' Panel



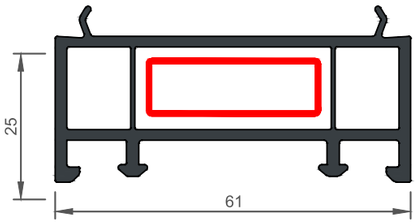
AP-411
Pervaz Profili
Architrave Profile



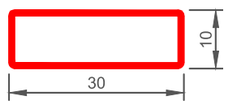
AP-422
60'lık Boru Profili
60' Pipe Profile



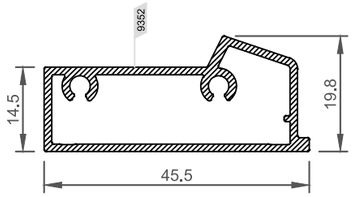
CO-423
Köşe Dönüş Adaptörü
Corner Turn Adapter



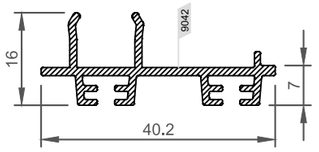
CO-440
Kasa Yükseltme Profili
Frame Lifting Profile



TM-0402036
Destek Sacı
Reinforcement Steel



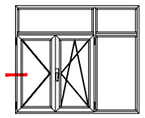
CO-470
Eşik Profili
Threshold Profile

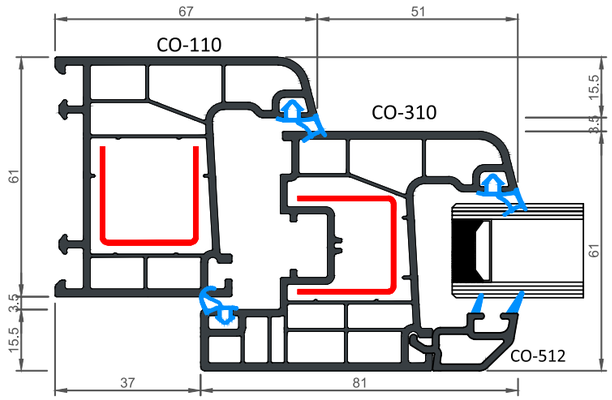


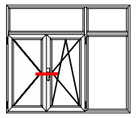
CO-460
Eşik Kapama Profili
Threshold Closing Profile

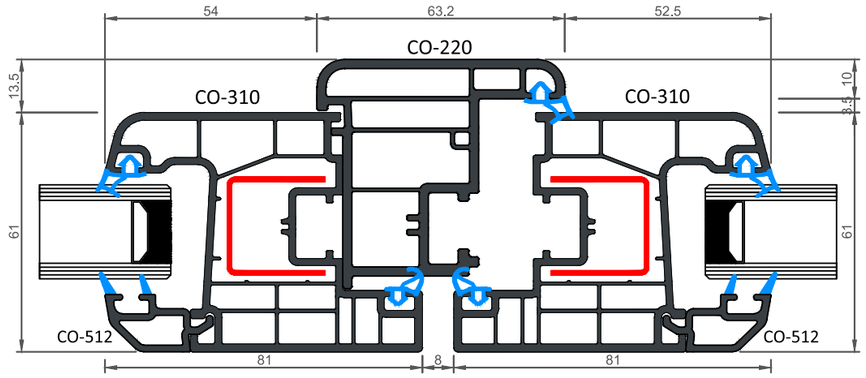


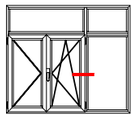
DETAYLAR
DETAILS

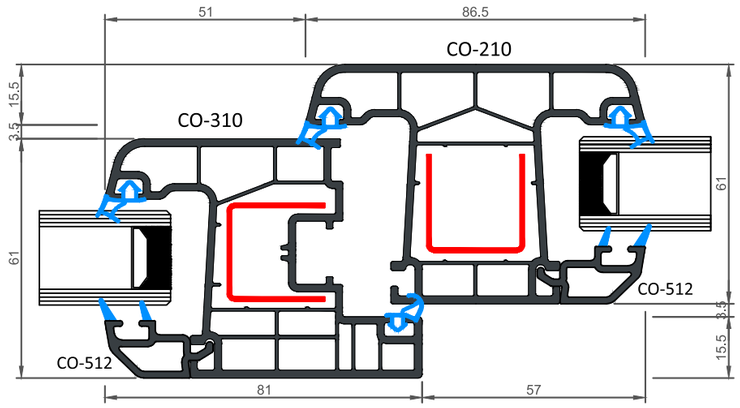


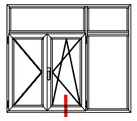


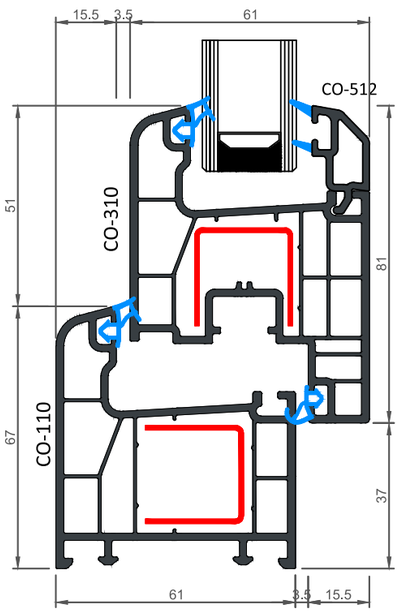


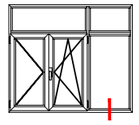


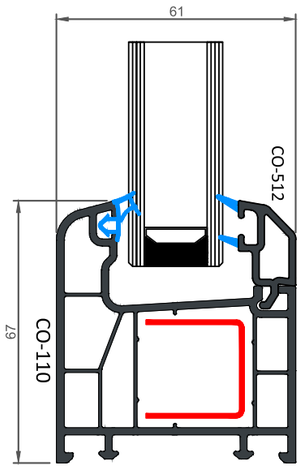


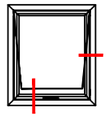




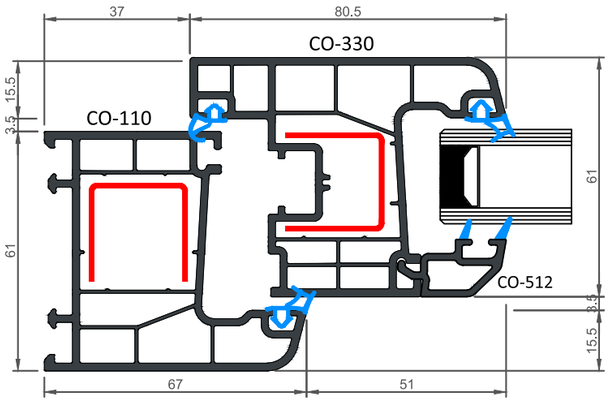


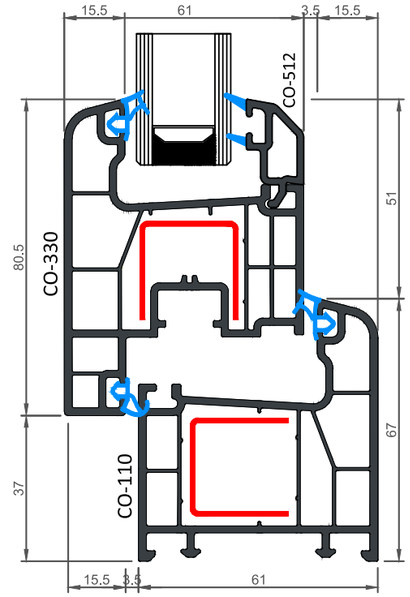


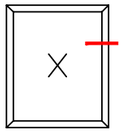




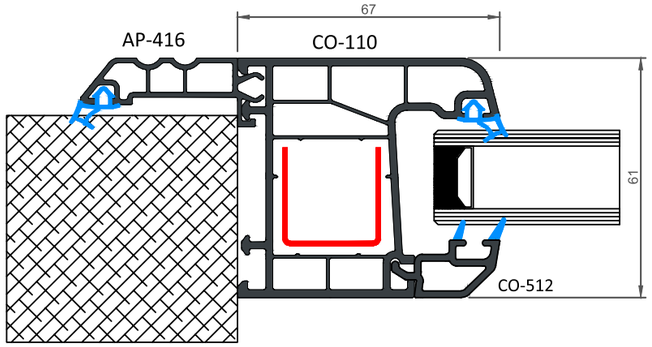
DIŞA AÇILIR TEK PENCERE DETAYLARI
OUTWARD OPENING SINGLE WINDOW DETAILS

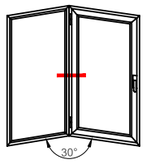




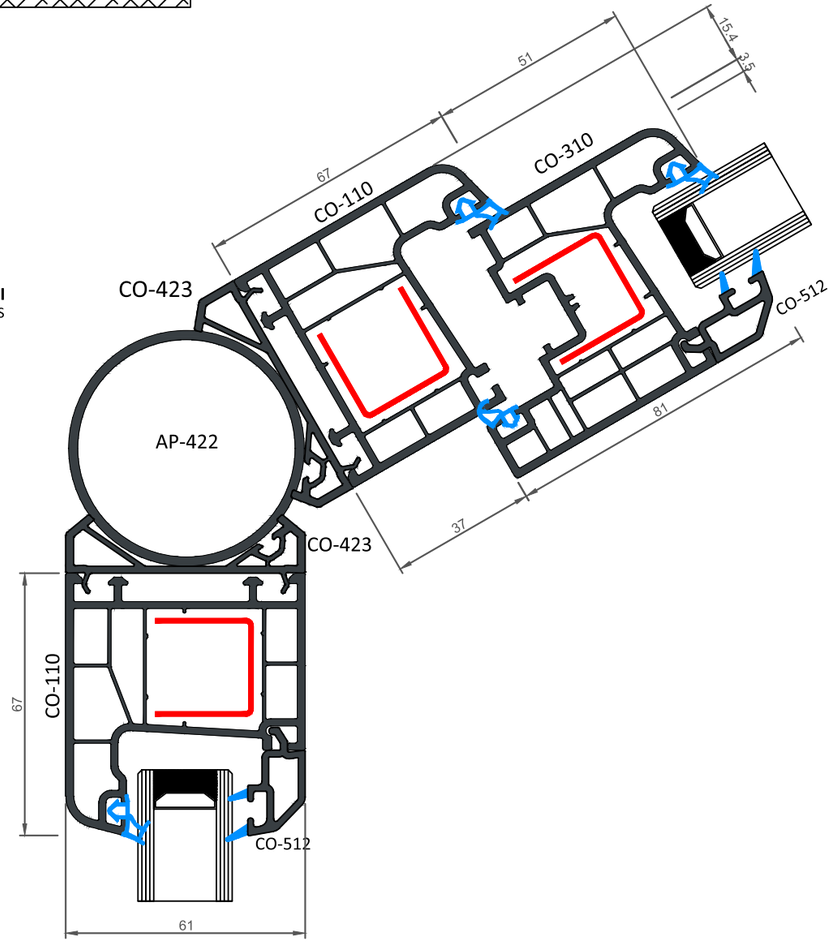


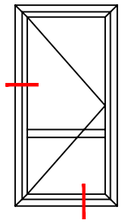
PERVAZ PROFİLİ DETAYI
ARCHITRAVE PROFILE DETAILS



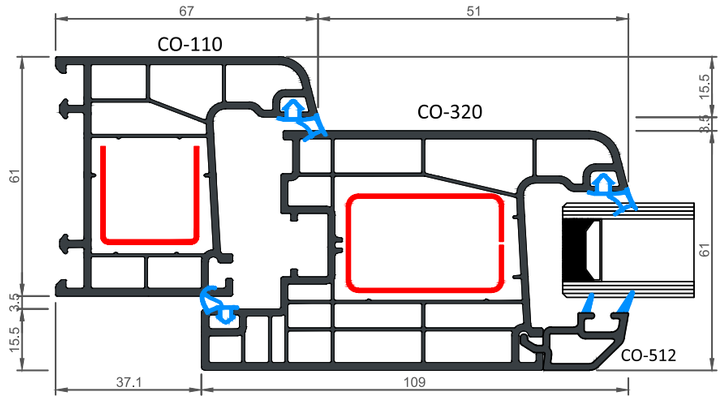


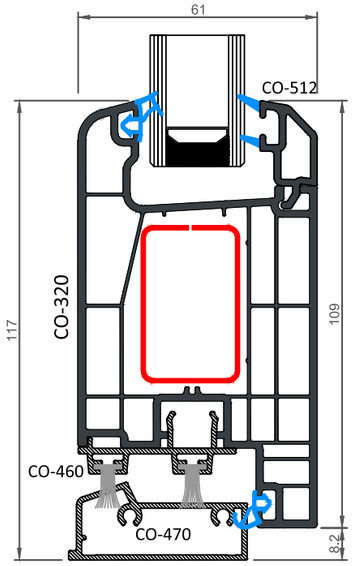
AÇILI DÖNÜŞ PENCERE DETAYLARI
ANGULAR CORNER WINDOW DETAILS



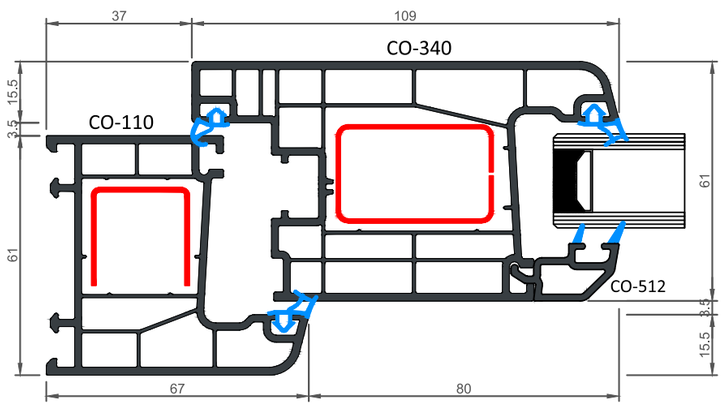


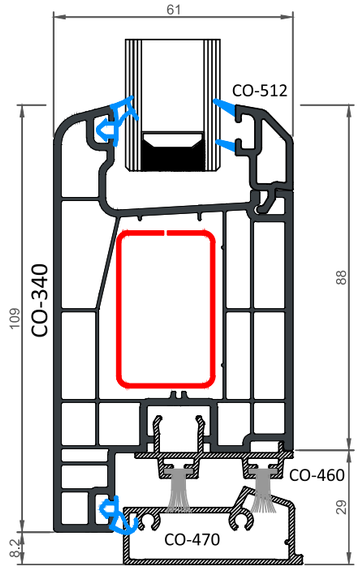
İÇE AÇILIR KAPI DETAYLARI
INWARD OPENING DOOR DETAILS





DIŞA AÇILIR KAPI DETAYLARI
OUTWARD OPENING DOOR DETAILS







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