

VENTURI 76

PROFİL KATALOĞU
PROFILE CATALOG

ERSAŞ PEN

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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.



ÜSTÜN ISI YALITIMIYLA YENİ KONFOR STANDARDI

Ersaş Pen'in en yeni sistemi Venturi 76, 76 mm kasa derinliğinde 7 odacıklı yapısıyla enerji verimliliğinde yeni bir seviyeyi temsil eder.

Üç contalı sistemiyle su, hava ve rüzgâr yalıtımında üstün performans sunar. Dayanıklı yapısı, estetik çizgileri ve kusursuz detay çözümleriyle modern yaşam alanlarına değer katar.

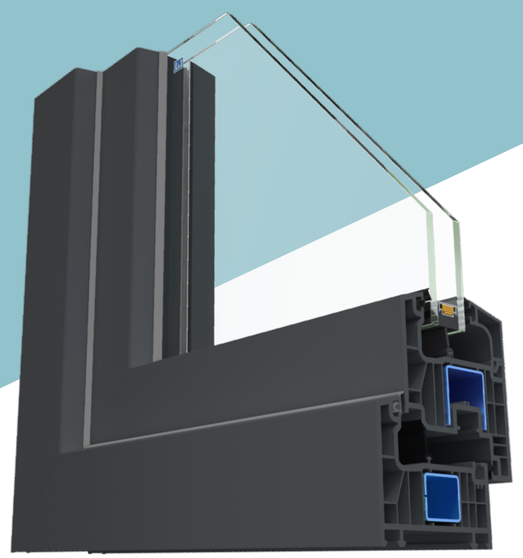
Venturi 76, mükemmel yalıtım, güvenli kullanım ve zarif tasarımı bir araya getirerek geleceğin konfor anlayışını bugüne taşır.

SUPERIOR THERMAL INSULATION FOR A NEW STANDARD OF COMFORT

Ersaş Pen's latest system, Venturi 76, represents a new level of energy efficiency with its 7-chamber structure and 76 mm frame depth.
Its triple-seal system delivers superior performance in water, air, and wind insulation.

Its durable construction, aesthetic lines, and flawless detail solutions add value to modern living spaces.

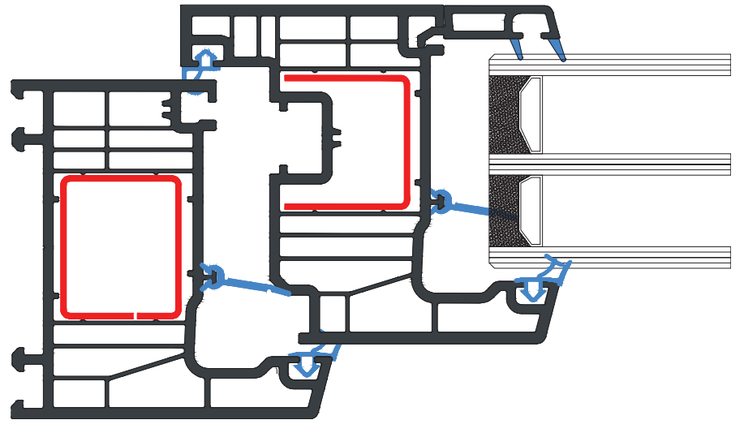
Venturi 76 brings the comfort concept of the future to the present by combining excellent insulation, safe use, and elegant design.



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.

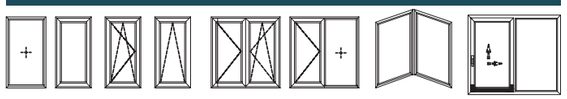
VENTURI 76
Kapı ve Pencere Sistemleri



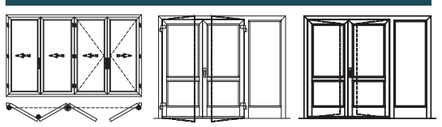
TEKNİK ÖZELLİKLER	
Profil genişliği	76 mm
Et kalınlığı	B sınıfı
Odacık sayısı	7 odacıklı sistem
Isı iletim katsayısı Uf	1,18 W/m²K
Cam kalınlıkları	12-20-24-30-36-40-48 mm
Conta tipi / rengi	TPE siyah / gri

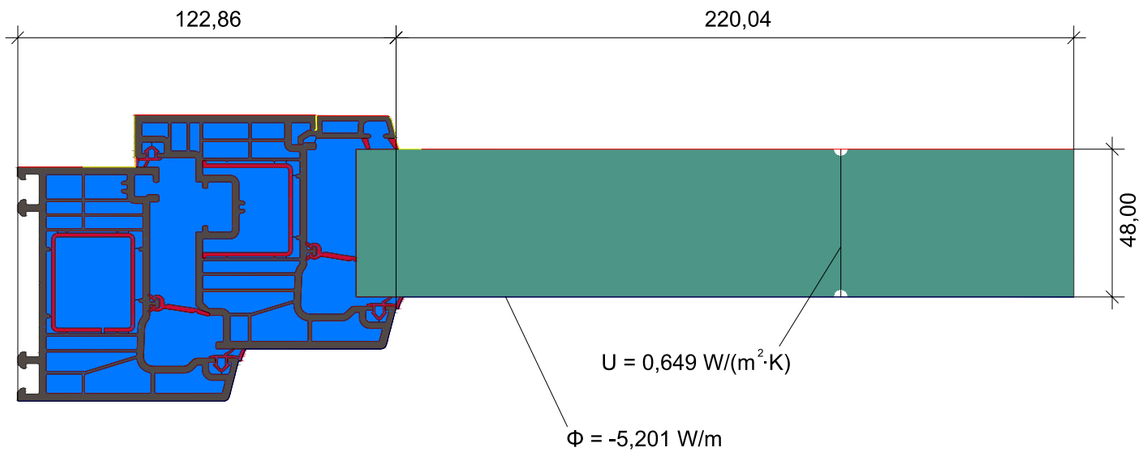
TECHNICAL PROPERTIES	
Profil width	76 mm
Wall thickness	B class
Number of chambers	7 chambers system
UF value	1,18 W/m²K
Glass thickness	12-20-24-30-36-40-48 mm
Gasket model / color	TPE black / grey

TİPOLOJİLER / TYPOLOGIES



KAPILAR / DOORS





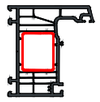
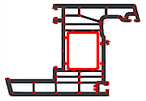
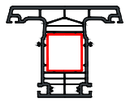
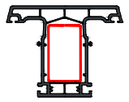
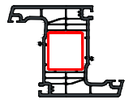
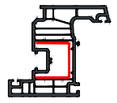
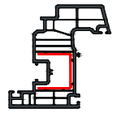
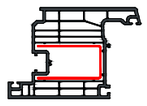
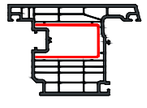
$$U_f = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{5,201}{20,0} - 0,649 \cdot 0,22}{0,123} = 0,955 \text{ W/(m}^2\text{·K)}$$

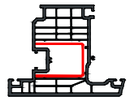
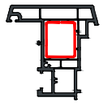
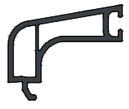
Material	λ[W/(m·K)]	A[mm²]
EPDM (ethylene propylene diene monomer)	0,250	369,241
Hart-Polyvinylchlorid (PVC)	0,170	2067,970
Panel	0,035	11184,960
Unventilated air cavity *		6348,211

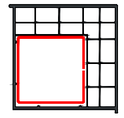
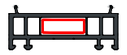
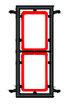
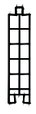
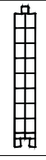
* EN ISO 10077-2:2017, 6.4.3/anisotrop

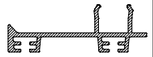
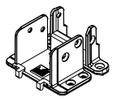
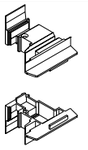
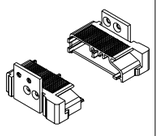
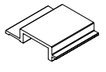
Boundary Condition	q[W/m²]	θ[°C]	R[(m².K))/W]
Exterior, frame		0,000	0,040
Interior, frame, normal		20,000	0,130
Interior, frame, reduced		20,000	0,200
Symmetry/Model section	0,000		

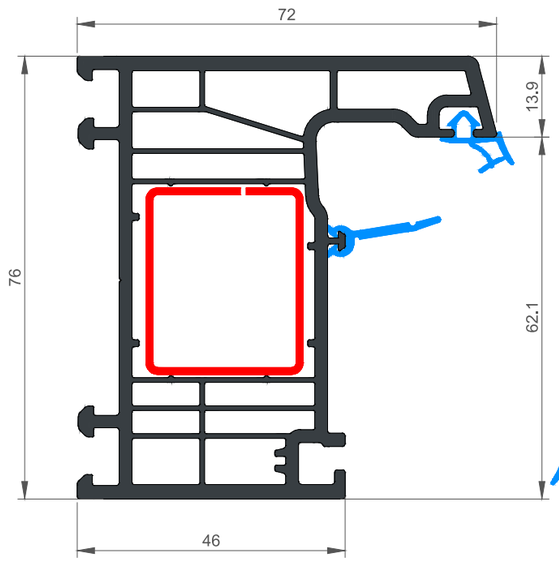
PROFİLLER
PROFILES

Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
E.14111		**Kasa Profili** *Frame Profile*
E.14120		**Pervazlı Kasa Profili** *Frame Profile with Arcihtrave*
E.14210		**Orta Kayıt Profili** *Mullion Profile*
E.14211		**Statik Orta Kayıt Profili** *Static Mullion Profile*
E.14230		**Sabitli Dışa Açılır Orta Kayıt Profili** *Outward Opening Mullion Profile*
E.14310		**Kanat Profili** *Sash Profile*
E.14340		**Damlalıklı Kanat Profili** *Sash Profile With Drip*
E.14320		**Kapı Profili** *Door Profile*
E.14330		**Dışa Açılır Kapı Profili** *Outward Opening Door Profile*

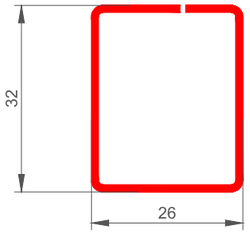
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E.14350		**Dışa Açılır Kanat Profili** *Outward Opening Sash Profile*
E.14220		**Hareketli Orta Kayıt Profili** *Movable Mullion Profile*
E.14542		**48mm Cama Göre Çıta** *Glazing With 48mm Gap*
E.14541		**44mm Cama Göre Çıta** *Glazing With 44mm Gap*
E.14531		**36mm Cama Göre Çıta** *Glazing With 36mm Gap*
E.14522		**28mm Cama Göre Çıta** *Glazing With 28mm Gap*
E.14521		**24mm Cama Göre Çıta** *Glazing With 24mm Gap*
E.14512		**16mm Cama Göre Çıta** *Glazing With 16mm Gap*
E.14511		**12mm Cama Göre Çıta** *Glazing With 12mm Gap*

Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
E.14410		**Köşe Dönüş Profili** *Corner Adapter Profile*
E.14420		**Kasa Yükseltme Profili** *Frame Lifting Profile*
E.14440		**Yalıtımlı Eşik Profili** *Insulated Threshold Profile*
E.99150		**Orta Kayıt Destek Profili** *Mullion Reinforcement Profile*
E.99140		**Destek Kapama Profili** *Interlock Reinforcement Closer Profile*
E.99131		**Kasa Destek Profili** *Frame Reinforcement Profile*
E.99130		**İnce Bağ Profili** *Thin Bond Profile*
E.99142		**100'lük 24mm Lambiri** *100' 24mm Panel*
E.99143		**150'lük 24mm Lambiri** *150' 24mm Panel*

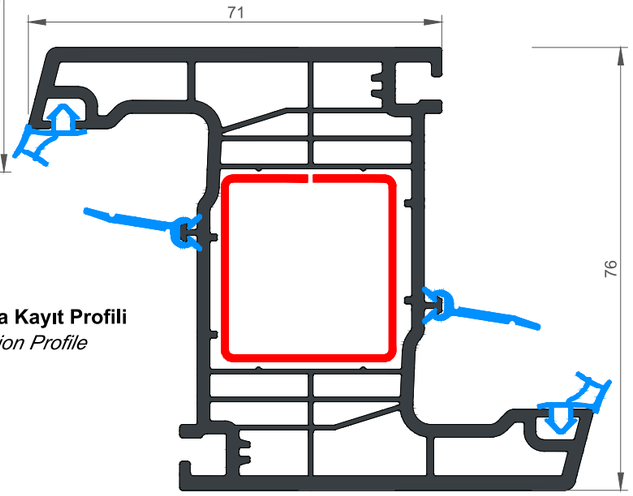
Profil Num. Profile No.	Çizim Drawing	Tanım Descpirtion
E.99114		**Pervaz Yatağı Profili** *Architrave Locking Profile*
E.99111		**150'lik Pervaz Profili** *150' Architrave Profile*
E.99112		**100'lük Pervaz Profili** *100' Architrave Profile*
E.99113		**45'lik Pervaz Profili** *45' Architrave Profile*
E.14430		**Eşik Kapama Profili** *Threshold Closing Profile*
YR-0501008		**Orta Kayıt Bağlantı Takozu** *Mullion Connector Block*
YR-0402004		**Hareketli Orta Kayıt Adaptör Kapakları** *Movable Mullion Adapter Covers*
YR0403104		**Eşik Yan Kapakları** *Threshold Side Covers*
YR-0401004		**Cam Takozu** *Glass Setting Block*



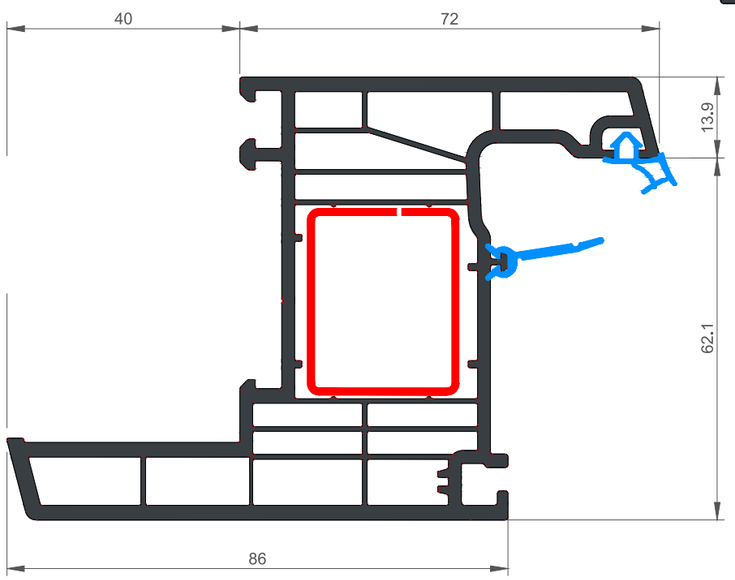
E.14111
Kasa Profili
Frame Profile



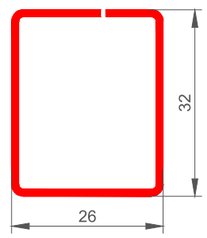
TM-xxxxxx
Destek Sacı
Reinforcement Steel



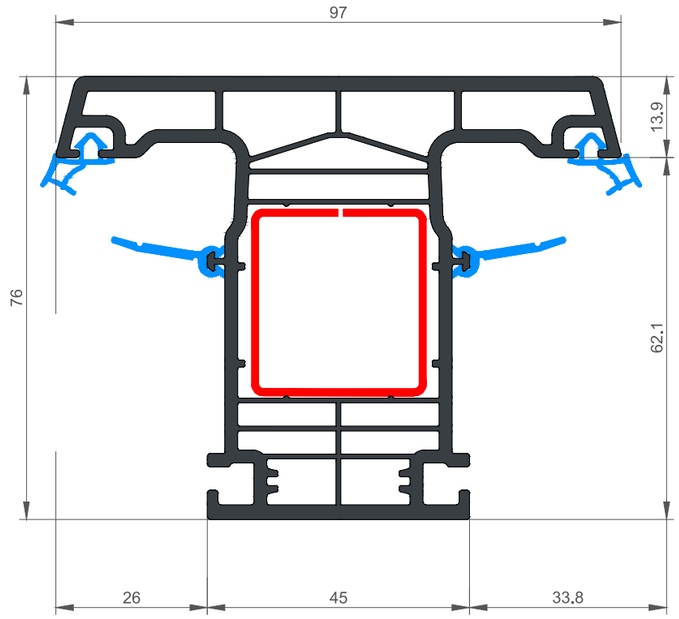
E.14230
Sabitli Dışa Açılır Orta Kayıt Profili
Outward Opening Mullion Profile



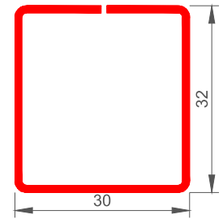
E.14120
Pervazlı Kasa Profili
Frame Profile with Archtrave



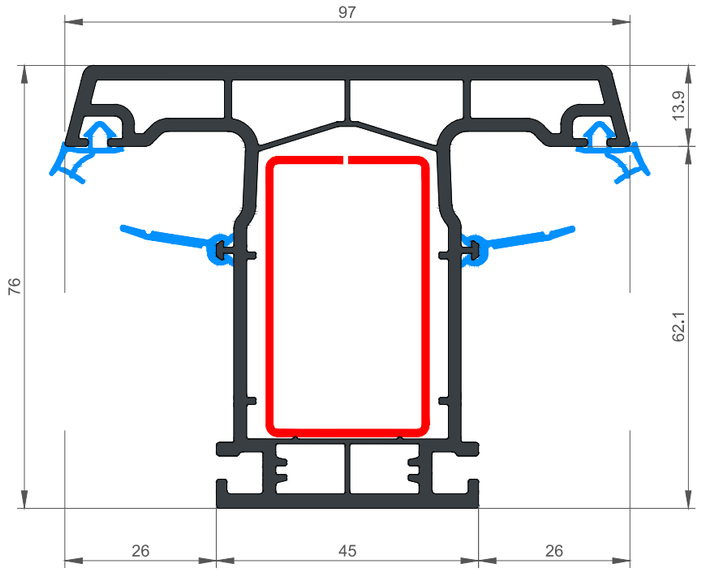
TM-xxxxxx
Destek Sacı
Reinforcement Steel



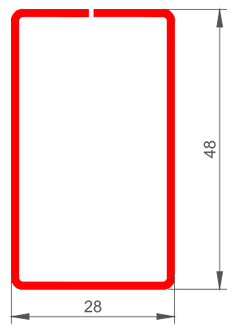
E.14210
Orta Kayıt Profili
Mullion Profile



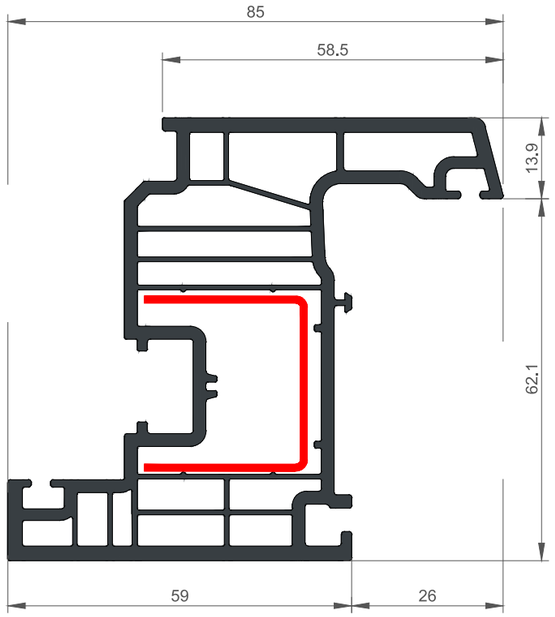
TM-0402023
Destek Sacı
Reinforcement Steel



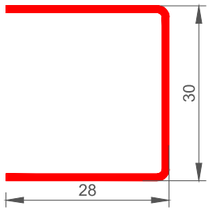
E.14211
Statik Orta Kayıt Profili
Static Mullion Profile



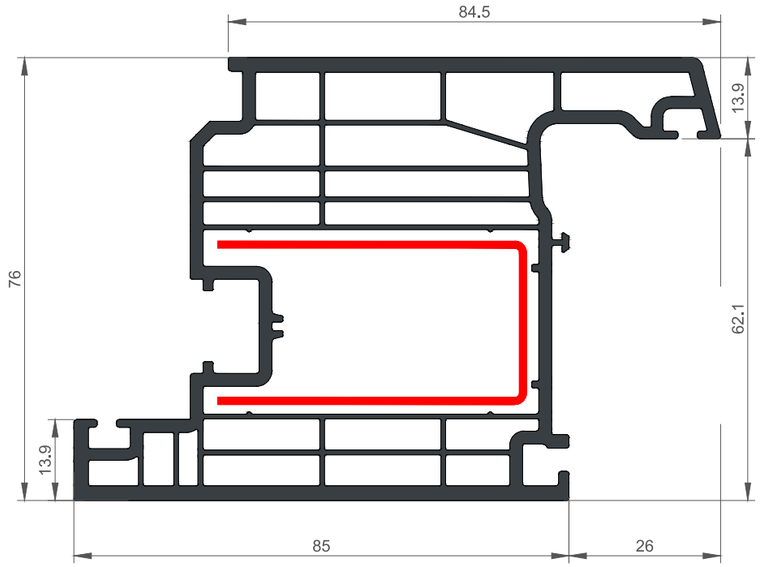
TM-0402037
Destek Sacı
Reinforcement Steel



E.14310
Kanat Profili
Sash Profile

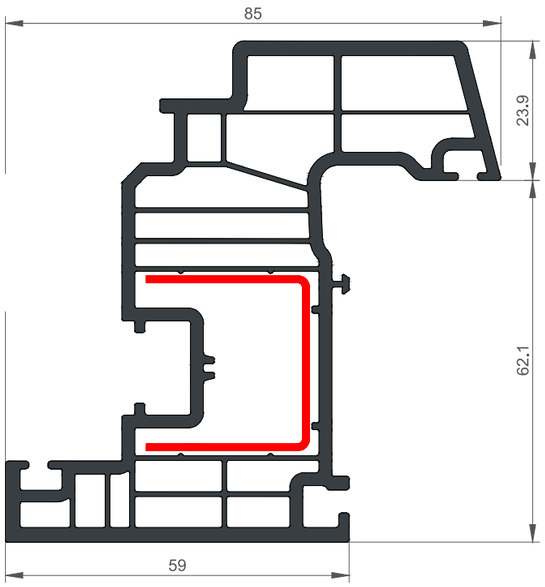


TM-0401016
Destek Sacı
Reinforcement Steel

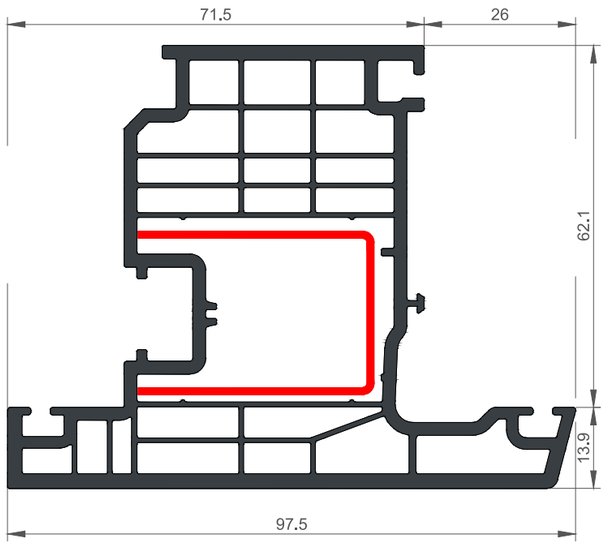


E.14320
Kapı Profili
Door Profile

E.14340
Damlalıklı Kanat Profili
Sash Profile with Drip

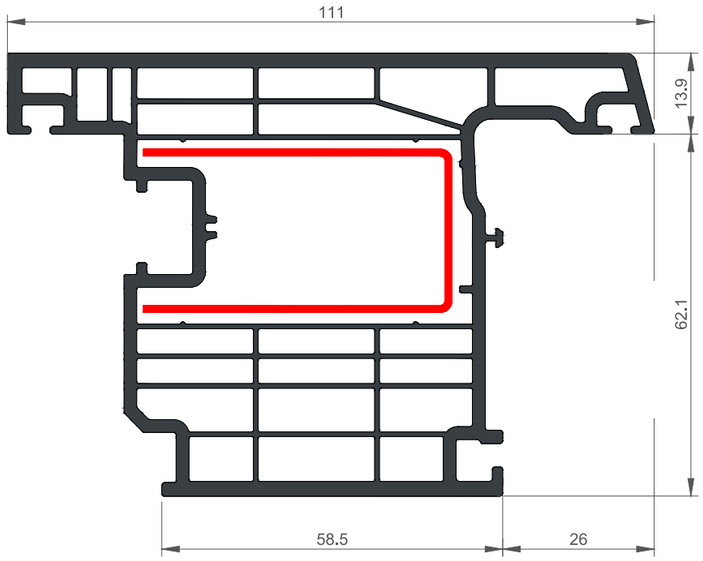


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Dışa Açılır Pencere Profili
Outward Opening Window Profile

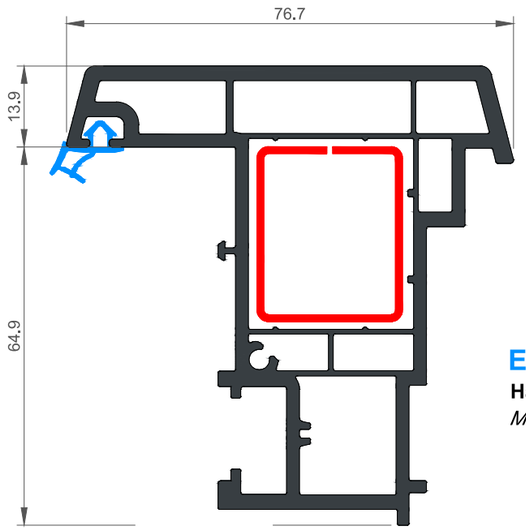




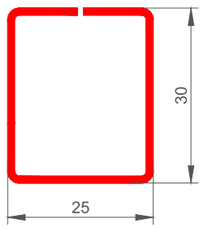
TM-XXXXX
Destek Sacı
Reinforcement Steel



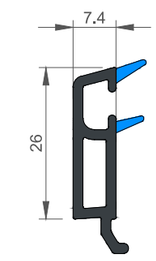
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Dışa Açılır Kapı Profili
Outward Opening Door Profile



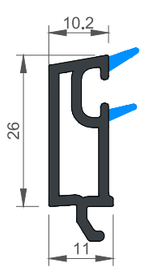
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Hareketli Orta Kayıt Profili
Movable Mullion Profile



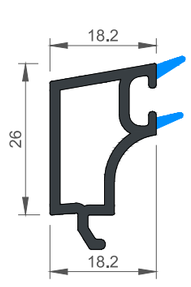
TM-XXXXX
Destek Sacı
Reinforcement Steel



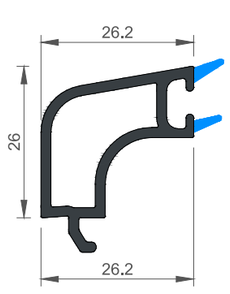
E.14542
48mm Cama Göre Çıta
Glazing With 48mm Gap



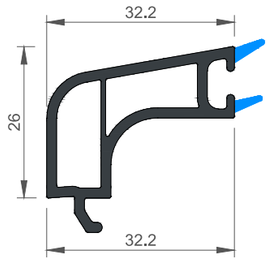
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44mm Cama Göre Çıta
Glazing With 44mm Gap



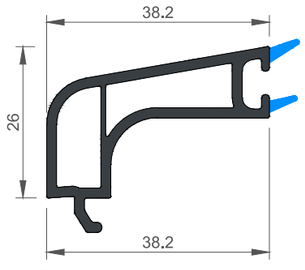
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36mm Cama Göre Çıta
Glazing With 36mm Gap



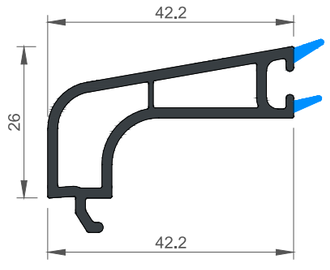
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28mm Cama Göre Çıta
Glazing With 28mm Gap



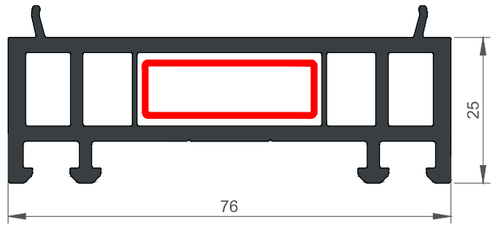
E.14521
24mm Cama Göre Çıta
Glazing With 24mm Gap



E.14512
16mm Cama Göre Çıta
Glazing With 16mm Gap



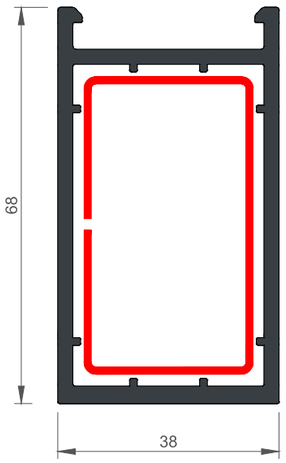
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12mm Cama Göre Çıta
Glazing With 12mm Gap



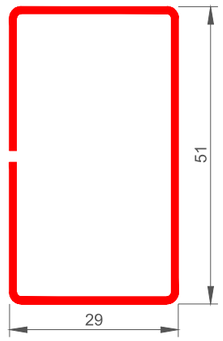
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Kasa Yükseltme Profili
Frame Lifting Profile



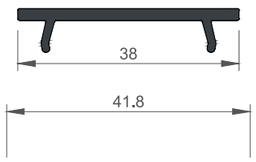
TM-0402036
Destek Sacı
Reinforcement Steel



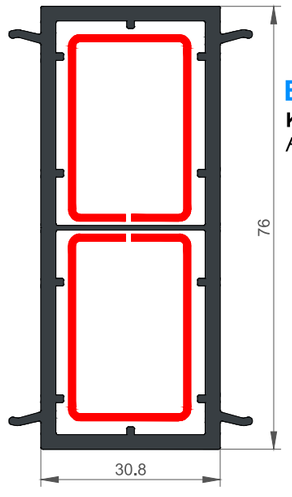
E.99150
Orta Kayıt Destek Profili
Mullion Reinforcement Profile



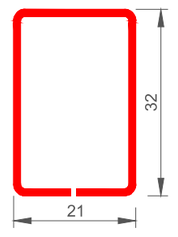
TM-0402027
Destek Sacı
Reinforcement Steel



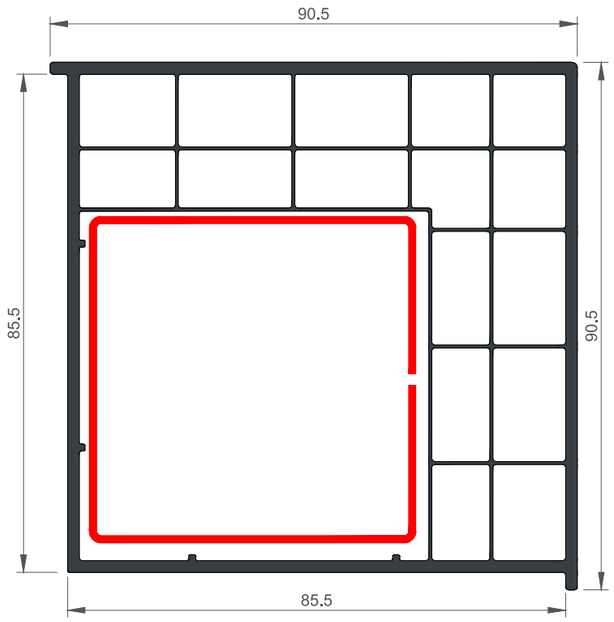
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Kenet Destek Kapama Profili
Interlock Reinforcement Closer Profile



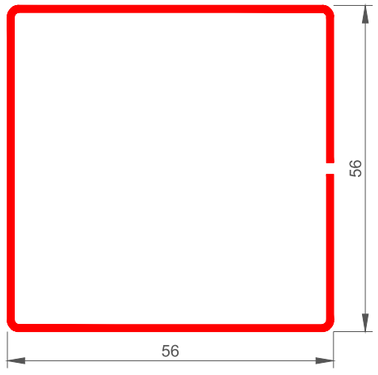
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Kasa Destek Profili
Frame Reinforcement Profile



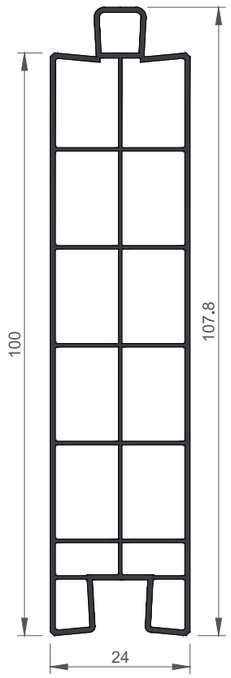
TM-0402024
Destek Sacı
Reinforcement Steel



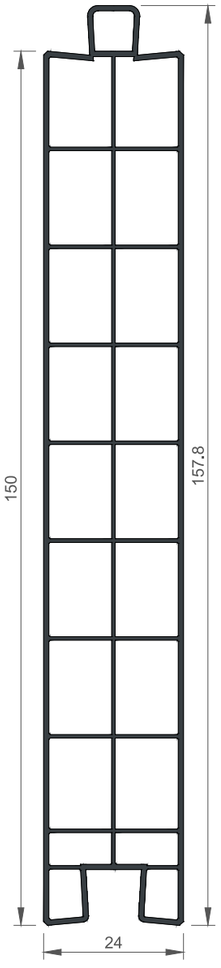
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Köşe Dönüş Profili
Corner Adapter Profile



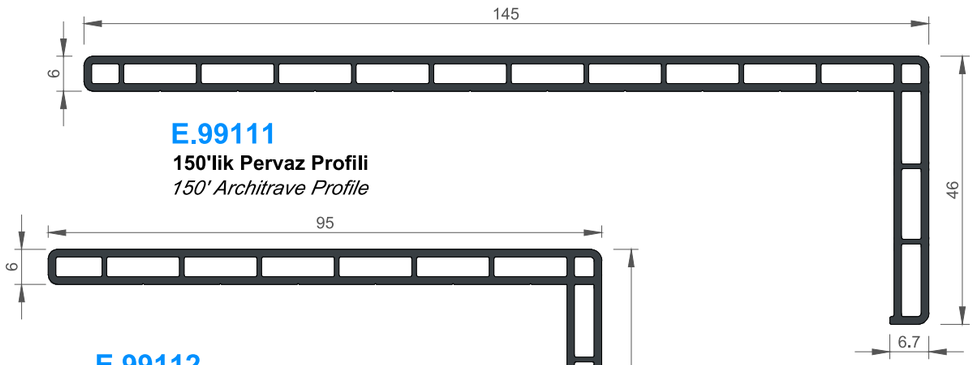
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Reinforcement Steel



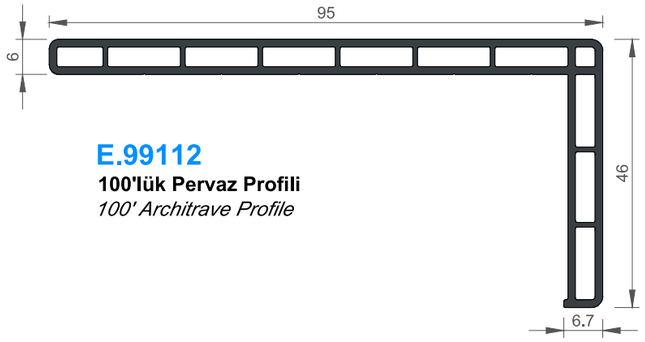
E.99142
100'lük 24mm Lambiri
100' 24mm Panel



E.99143
150'lik 24mm Lambiri
150' 24mm Panel



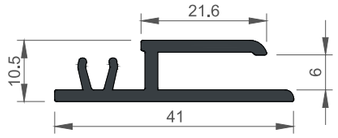
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150'lik Pervaz Profili
150' Architrave Profile



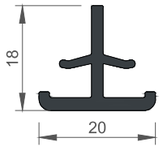
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100'lük Pervaz Profili
100' Architrave Profile



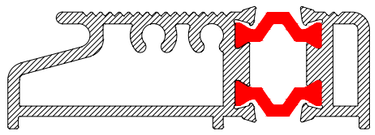
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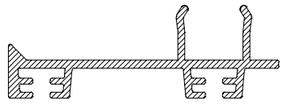
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Pervaz Yatağı Profili
Architrave Locking Profile



E.99130
İnce Bağ Profili
Thin Bond Profile



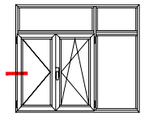
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Yaltımlı Eşik Profili
Insulated Threshold Profile

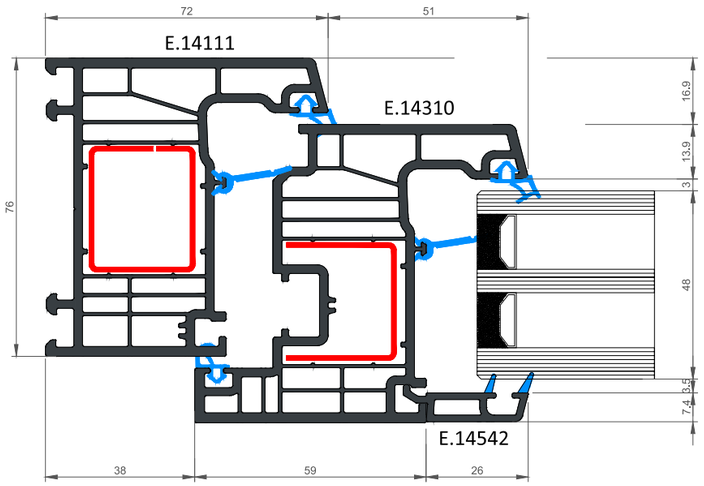


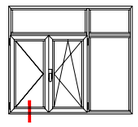
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Eşik Kapama Profili
Threshold Closing Profile

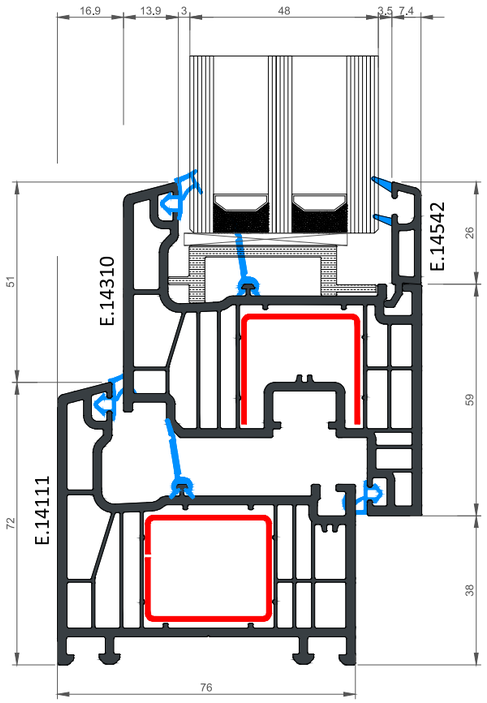


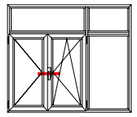
DETAYLAR
DETAILS

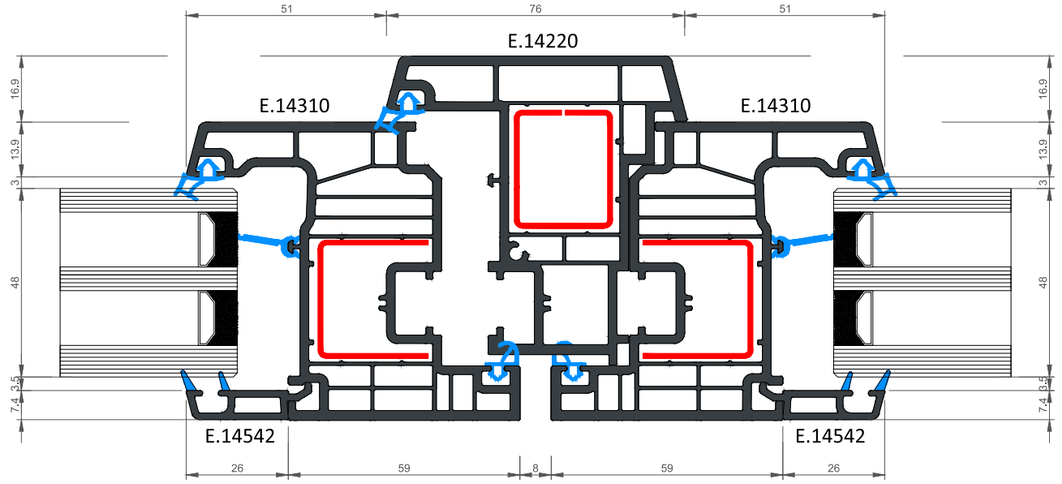


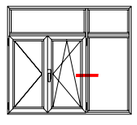

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E.14310
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3.5
7.4
E.14542
38
59
26

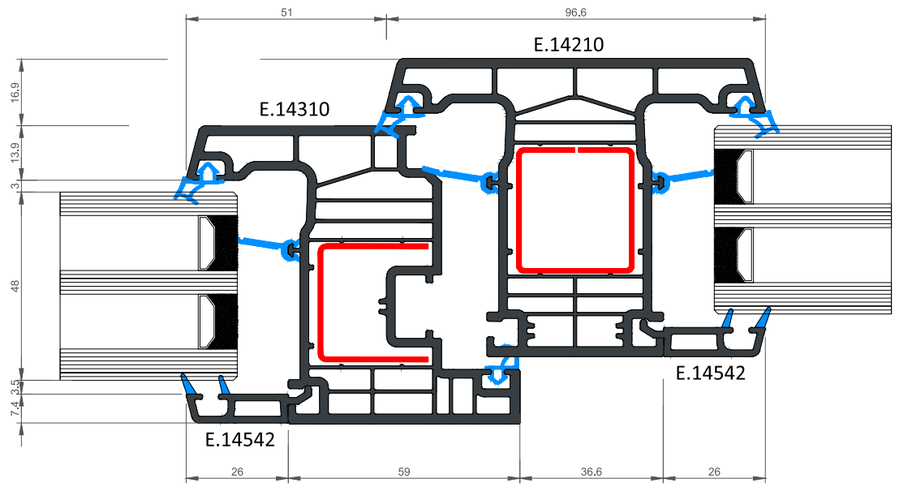


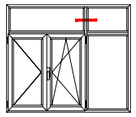

16.9
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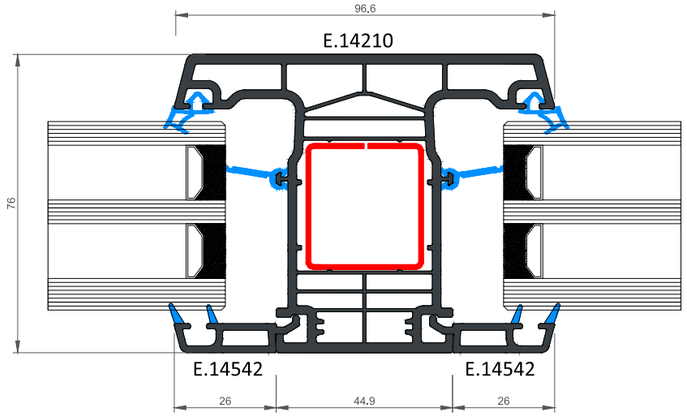


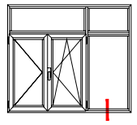

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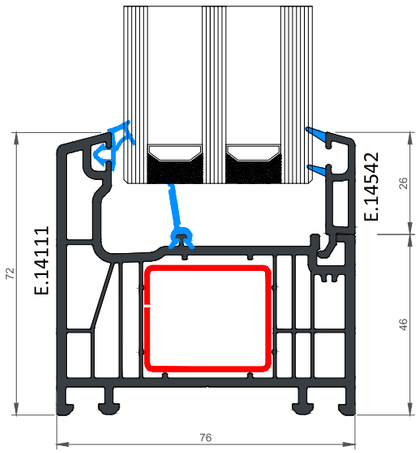


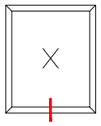

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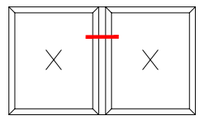




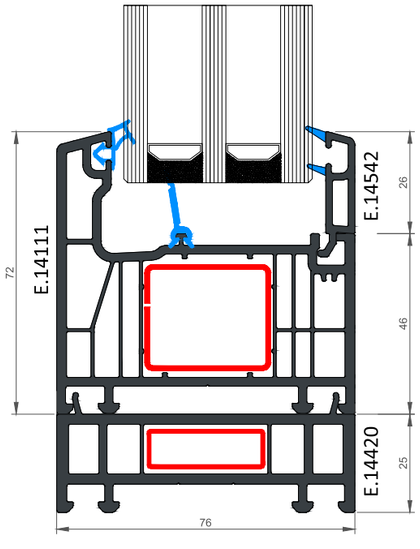


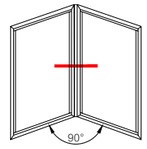


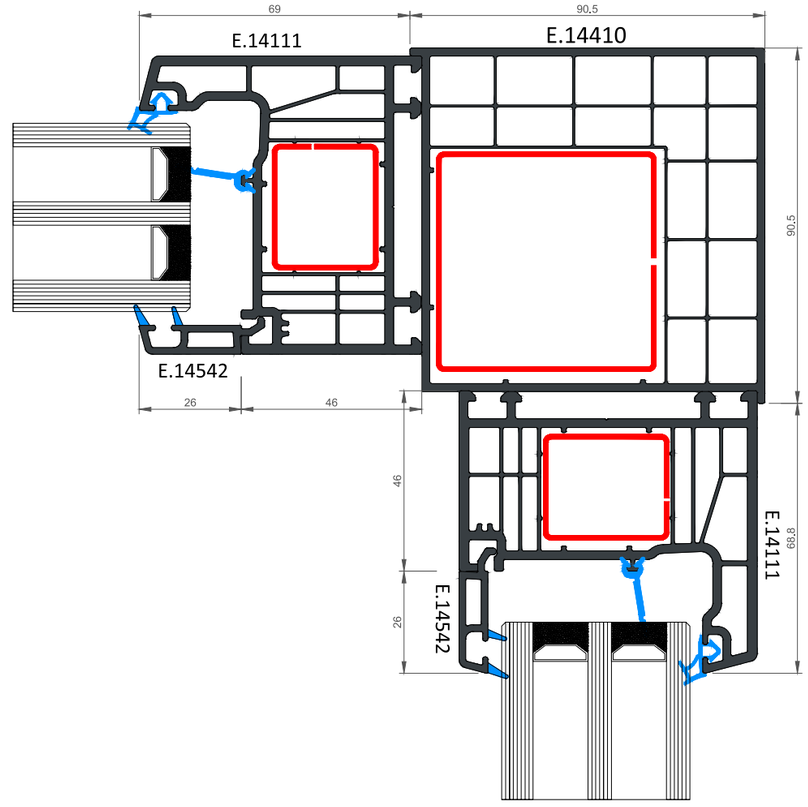
KASA YÜKSELTME PROFİLİ DETAYI
FRAME LIFTING PROFILE DETAILS

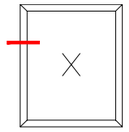


ORTA KAYIT DESTEK PROFİLİ DETAYI
MULLION REINFORCEMENT PROFILE DETAILS

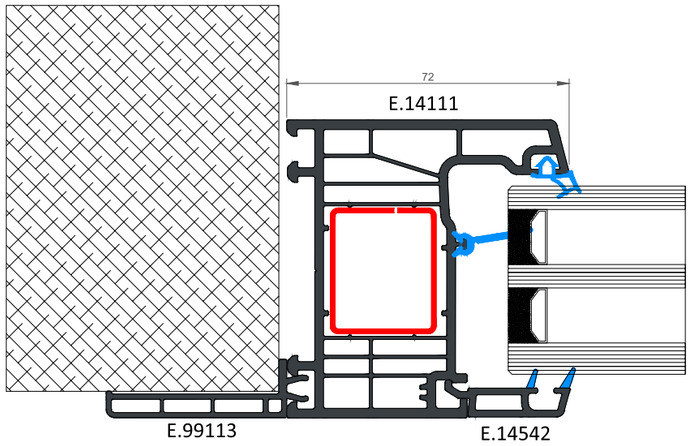


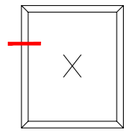




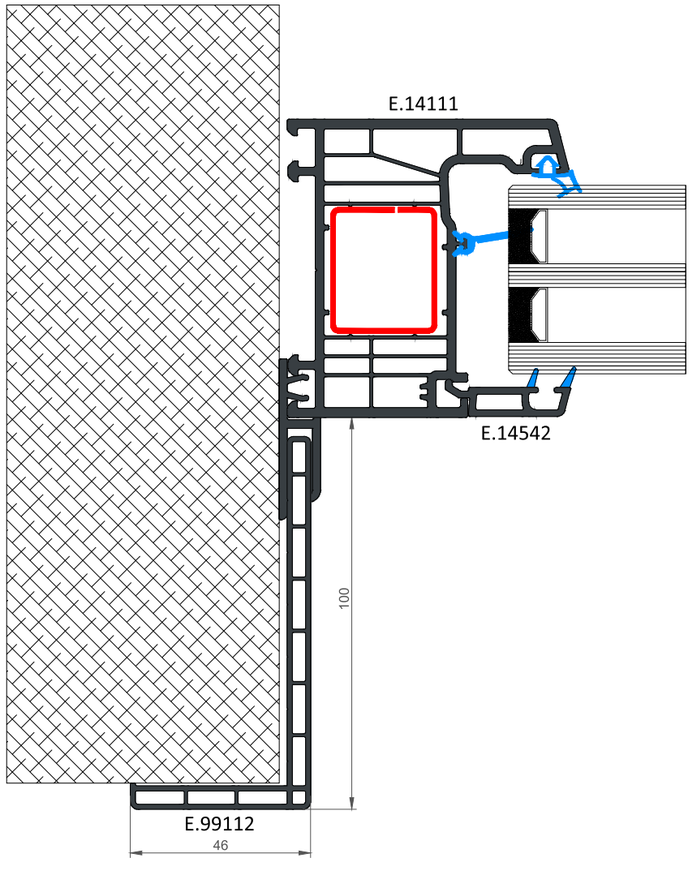


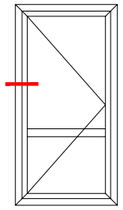
PERVAZ PROFİLİ DETAYI
ARCHITRAVE PROFILE DETAILS

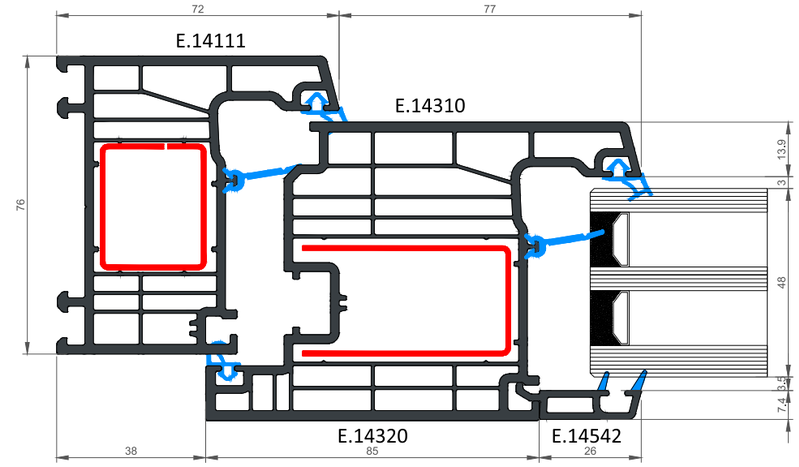


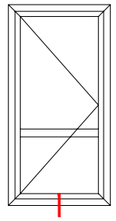


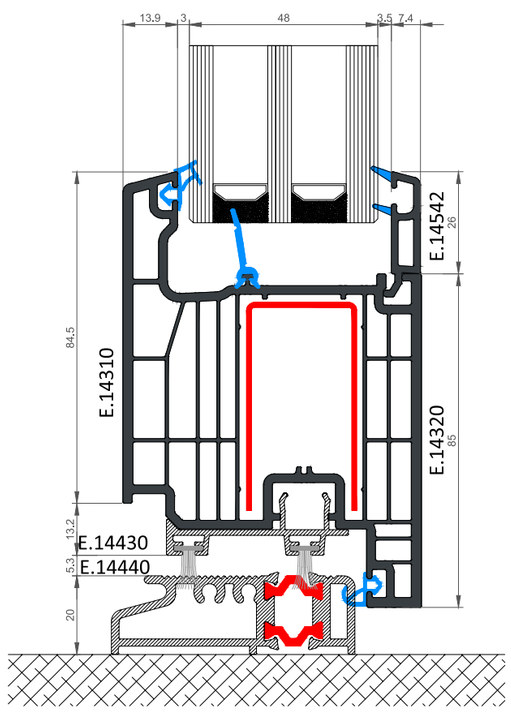
PERVAZ PROFİLİ DETAYI
ARCHITRAVE PROFILE DETAILS

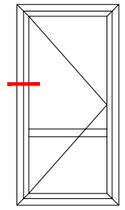


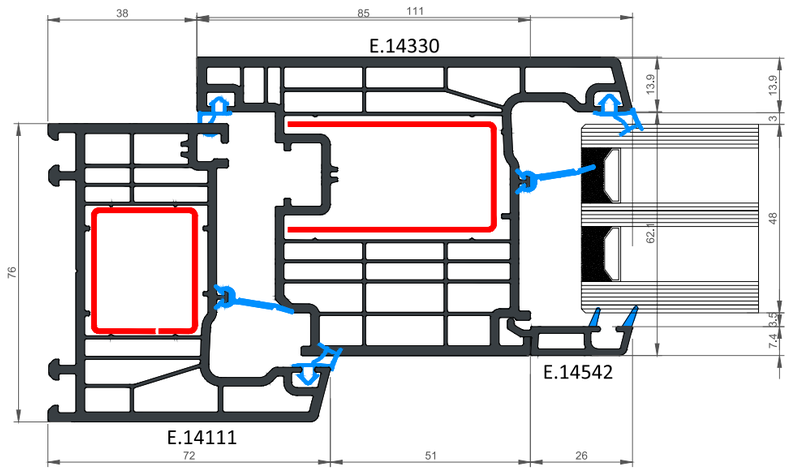


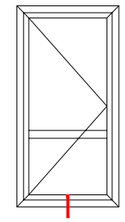


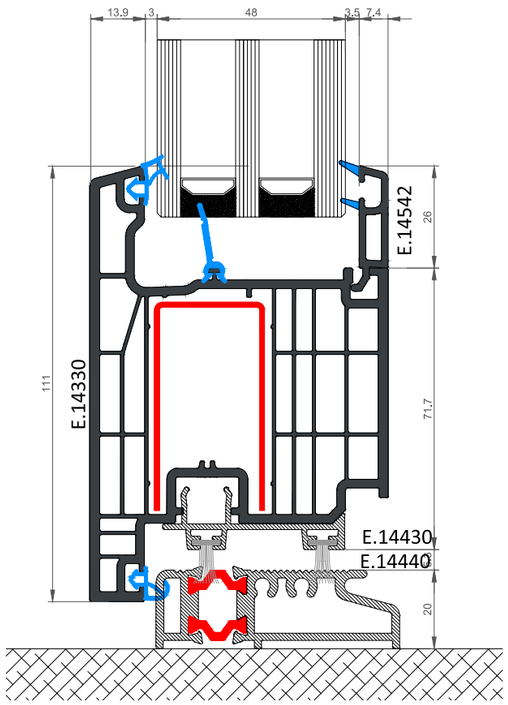







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13.9
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26
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E.14440
20





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