

**GIÖ** SERİSİ  
/SERIES

GIYOTİN CAM SİSTEMLERİ  
GUILLOTINE GLASS SYSTEMS

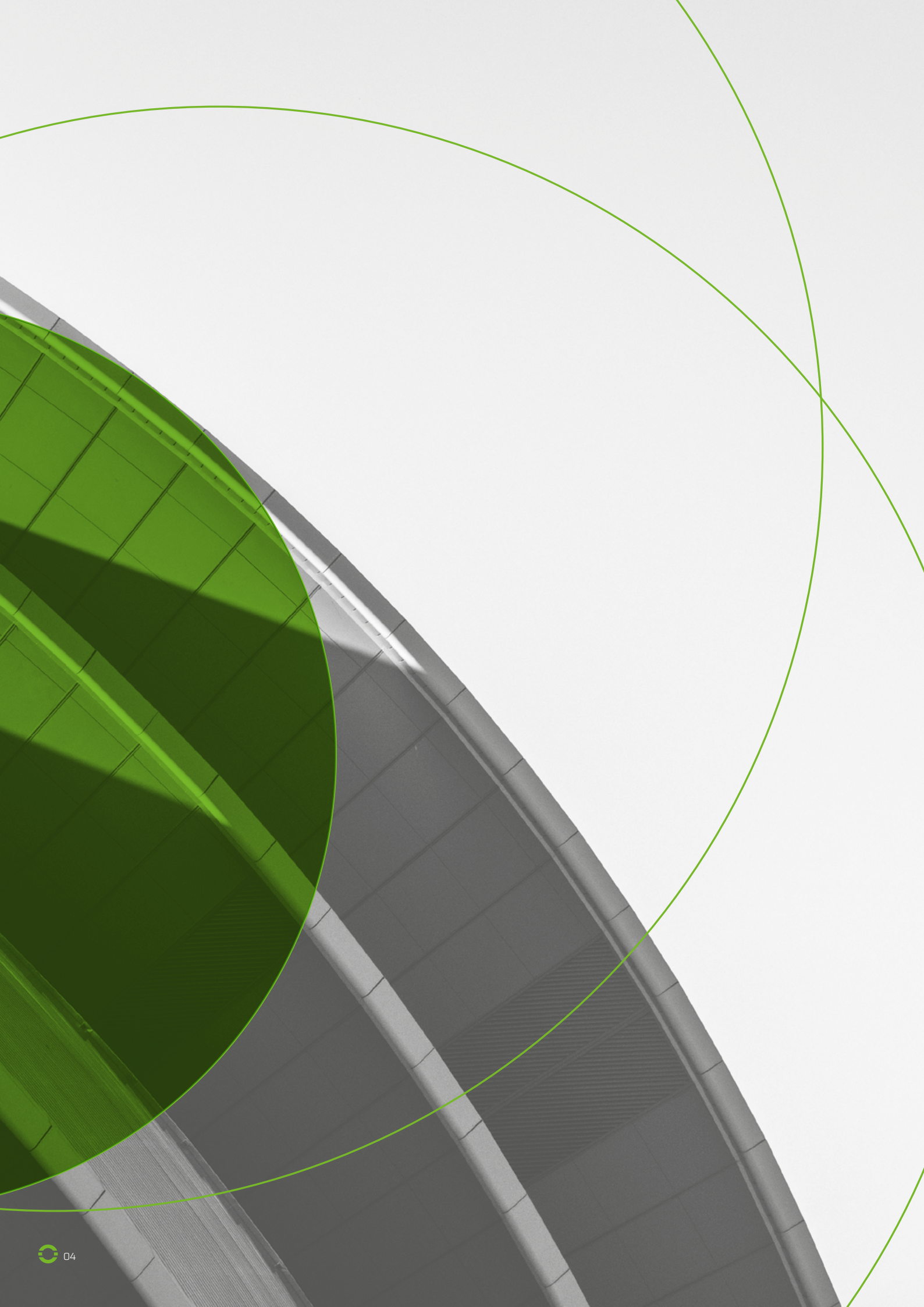


Hayata *mutlu* bir iz...  
Leave a *happier* mark on life...



# GLO SERİSİ / SERIES

GİYOTİN CAM SİSTEMLERİ  
GUILLOTINE GLASS SYSTEMS



## HAKKIMIZDA

İnsan hayatına konfor katacak, çevreye duyarlı, modern yaşam alanları oluşturmak için hayat bulan Eliz Cam Sistemleri'nin başarılarla dolu yolculuğuna 2008 yılında başlamıştır. **Hayata kalıcı ve güvenli izler** bırakmayı kendine vizyon olarak belirleyen Eliz Cam Sistemleri; sektöre birçok yeniliği getiren ürünlerin de mimarı olmuştur.

Kuruluşundan bu yana artan ivmesi, insan odaklı kurum felsefesi ve geldiği noktadaki konumu itibarıyla yarınlara güçlü adımlarla yürüyen Eliz Cam Sistemleri, bu ülkenin gururla anılacak, küresel oyuncusu olma hedefine her geçen gün biraz daha yaklaşmaktadır.

## ABOUT US

The successful journey of Eliz Glass Systems started in 2008 to create environmentally conscious, modern living spaces that will add comfort to human life. Eliz Glass Systems aims the vision to leave **permanent and reliable marks in life** has been the architect of the sector with different products introducing innovation.

Increasing acceleration of the firm, human-centric corporate philosophy and current position since the first day of the establishment have enabled Eliz Glass Systems to take strong steps forward to the future and gets the firm one step closer to the target to be the global player.

# GLO SERİSİ / SERIES

GIYOTIN CAM SİSTEMLERİ  
GUILLOTINE GLASS SYSTEMS



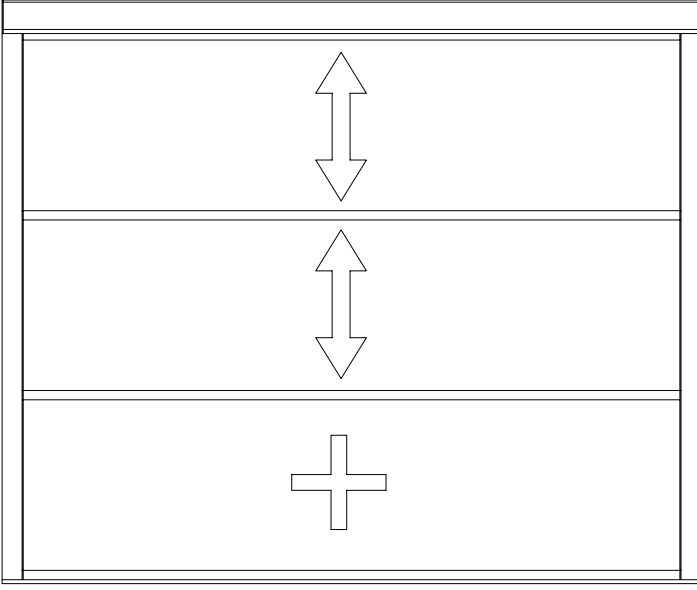


## GLO SERİSİ / SERIES

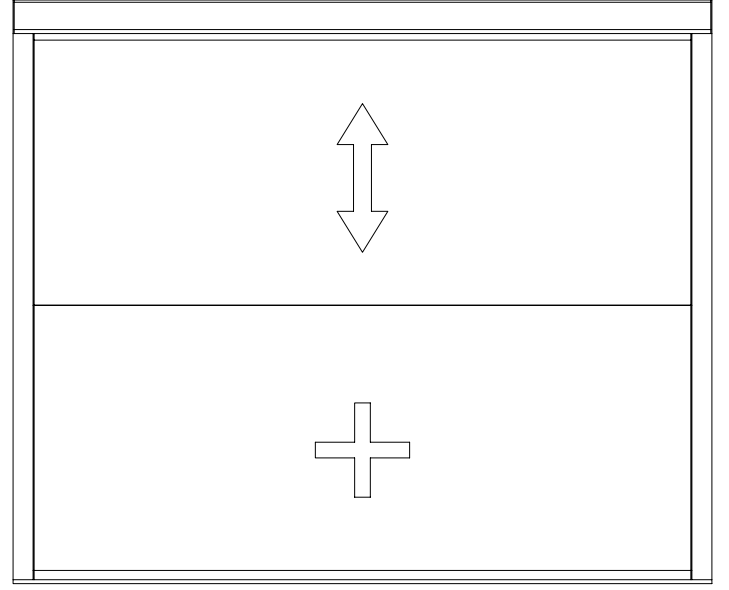


Sistem System	Tahrik Aktarma Transmission Part	Cam Özellikleri Properties of Glass		Motor Özellikleri Motor Properties		Maks. Sistem Ölçüleri Max. Boundary Conditions of Systems		Ray Genişlik Rail Width
		Cam Türü Glas Type	Cam Kombinasyonu Glass Combination	Tork Torque	Devir Revolution	Maks. Genişlik Max. Width	Maks. Yükseklik Max. Height	
Giotech 300	Zincir Chain	Tek Cam Single Glass	8 mm Temperli Cam 8 mm Tempered Glass	120 Nm	11 Rpm	4000 mm	3500 mm	110 mm
Gioterm 311	Zincir Chain	Isıcam Double Glazed	5 mm+14hb+5mm Temperli Cam 5 mm+14 mm a.g+5mm Tempered	120 Nm	11 Rpm	3200 mm	3500 mm	125 mm
Gioplus	Zincir Chain	Isıcam Double Glazed	5 mm+14hb+5mm Temperli Cam 5 mm+14 mm a.g+5mm Tempered	120 Nm	11 Rpm	3200 mm	3500 mm	125 mm





3 Kanatlı Gıyotin Cam Sistemi / 3 Panels Guillotine System



2 Kanatlı Gıyotin Cam Sistemi / 2 Panels Guillotine System

Gıyotin cam sistemleri dikey ekseninde aşağıdan yukarıya ve yukarıdan aşağıya hareket kabiliyetine sahip sistemdir. Sistemleri iki ya da üç adet alüminyum çerçeveli cam kanat olarak yapılandırma imkanı mevcuttur. Kanatlar açık konumdayken gıyotin sistemler cam korkuluk olarak kullanılmaktadır. Sistemin iç kısmında altta mevcut olan kanat sabit olarak tasarlanmıştır. Diğer kanatlar ise motor kasası içerisinde bulunan tambura entegre edilmiş olan uzaktan kumandalı tüp motor tahriğiyle yukarı doğru çekilir. Motor tahriği kanatlara dişliler ve zincirler aracılığıyla iletilir. Sıralı bir vaziyette yukarı çekilen kanatlar birbirine kenetlenerek en alt panel ile birlikte kapalı bir cam duvar vazifesi görür. Tek camlı gıyotin sistemlerde 8mm temperli cam, ısıcamlı sistemlerde 5mm+ 14mm hava boşluğu + 5mm temperli cam kombinasyonları kullanılmaktadır. Tek ve ısıcamlı sistemlerde renkli cam opsiyonu sunulmaktadır. Isıcamlı sistemlerde ek olarak nitelikli kaplamalara sahip camlarda opsiyonel olarak sunulmaktadır.

Guillotine glazing systems are systems that have the ability to move from bottom to top and top to bottom on the vertical axis. It is possible to configure the systems as two or three aluminum frame glass panels. While the panels are in open position, guillotine systems are used as glass railings. The panel at the bottom of the system is designed as fixed. The other panels are pulled upwards by the remote controlled tube motor drive integrated into the drum inside the motor case. Motor drive is transmitted to the panels via gears and chains. The panels, which are pulled up in a row, are interlocked and act as a closed glass wall with the bottom panel. In single glass guillotine systems, 8mm tempered glass, 5mm + 14 mm air gap + 5mm tempered glass combinations are used in double glazed systems. In single and double glazed systems, colored glass options are offered.

# GLO SERİSİ / SERIES

GIYOTIN CAM SİSTEMLERİ  
GUILLOTINE GLASS SYSTEMS



**GIOTECH 201**

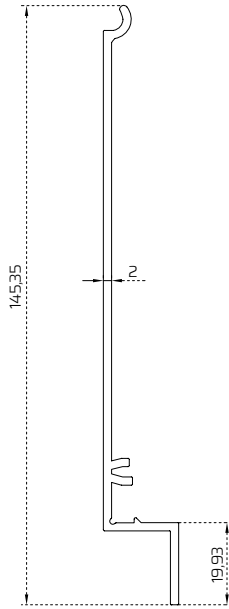
**EKO-ZİNCİRLİ,  
TEK CAMLI GİYOTİN**

**ECO-CHAINED SINGLE  
GLASS GUILLOTINE**

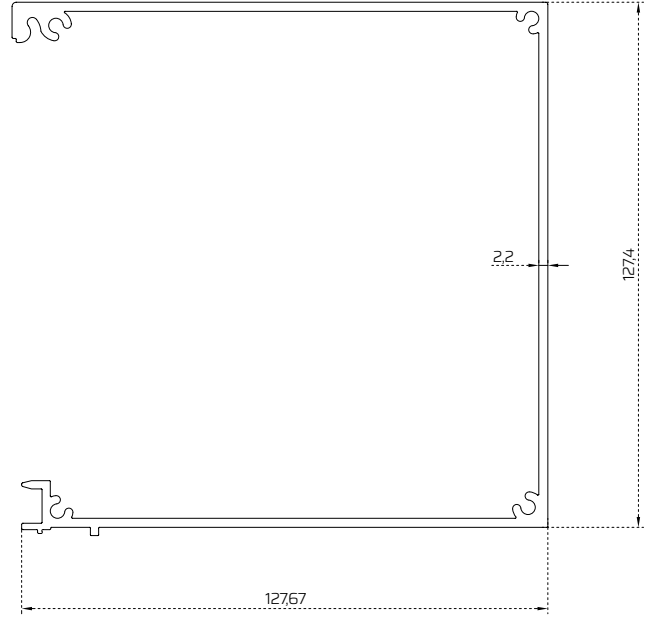


## Giotech 201 (Eko-Zincirli,Tek Camlı Giyotin Sistem)

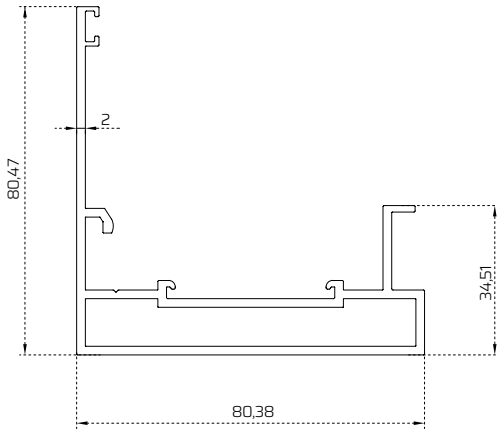
Giotech 201 (Eco-Chained,Single Glass Guillotine System)



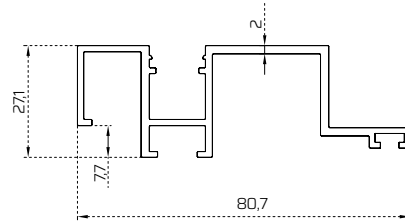
Zincirli Giyotin Sistem Motor Kutusu Kapağı Profili /  
Motor Case Cover Profile for Guillotine System  
0.96 Kg/m  
Kod/Code: 303102



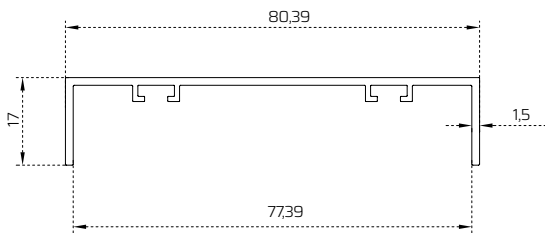
Zincirli Giyotin Sistem Motor Kutusu Profili /  
Motor Case Profile For Guillotine System  
2.68 Kg/m  
Kod/Code: 303101



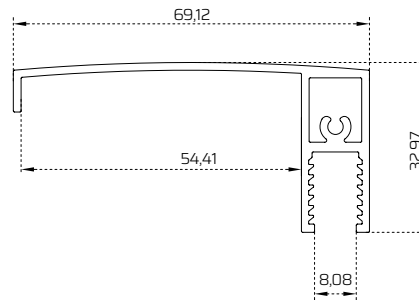
Halatlı Giyotin Sistem Ray Profili /  
Rail Case Profile for Guillotine System  
1.609 Kg/m  
Kod/Code: 301106



Eko-Zincirli Giyotin Sistem Ray Kapağı Profili /  
Rail Case Cover Profile for Guillotine System  
0.41 Kg/m  
Kod/Code: 302101



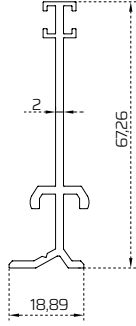
Halatlı Giyotin Sistem Üst "U" Profili /  
"U" Shaped Top Profile for Guillotine System  
0.501 Kg/m  
Kod/Code: 301109



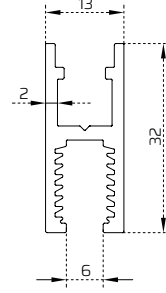
Halatlı Giyotin Sistem Kúpešte Profili /  
Handrail Profile for Guillotine System  
0.699 Kg/m  
Kod/Code: 301104

## Giotech 201 (Eko-Zincirli,Tek Camlı Giyotin Sistem)

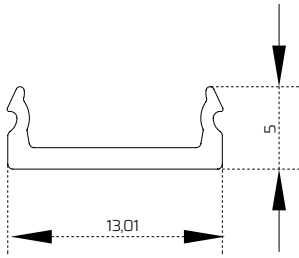
Giotech 201 (Eco-Chained,Single Glass Guillotine System)



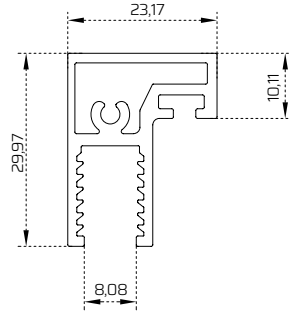
Halatlı Giyotin Sistem Seperatör Profili /  
Separator Profile for Guillotine System  
0.588 Kg/m  
Kod/Code: 301103



Halatlı Giyotin Sistem Dikey Baza Profili /  
Vertical Base Profile for Guillotine System  
0.394 Kg/m  
Kod/Code: 301108



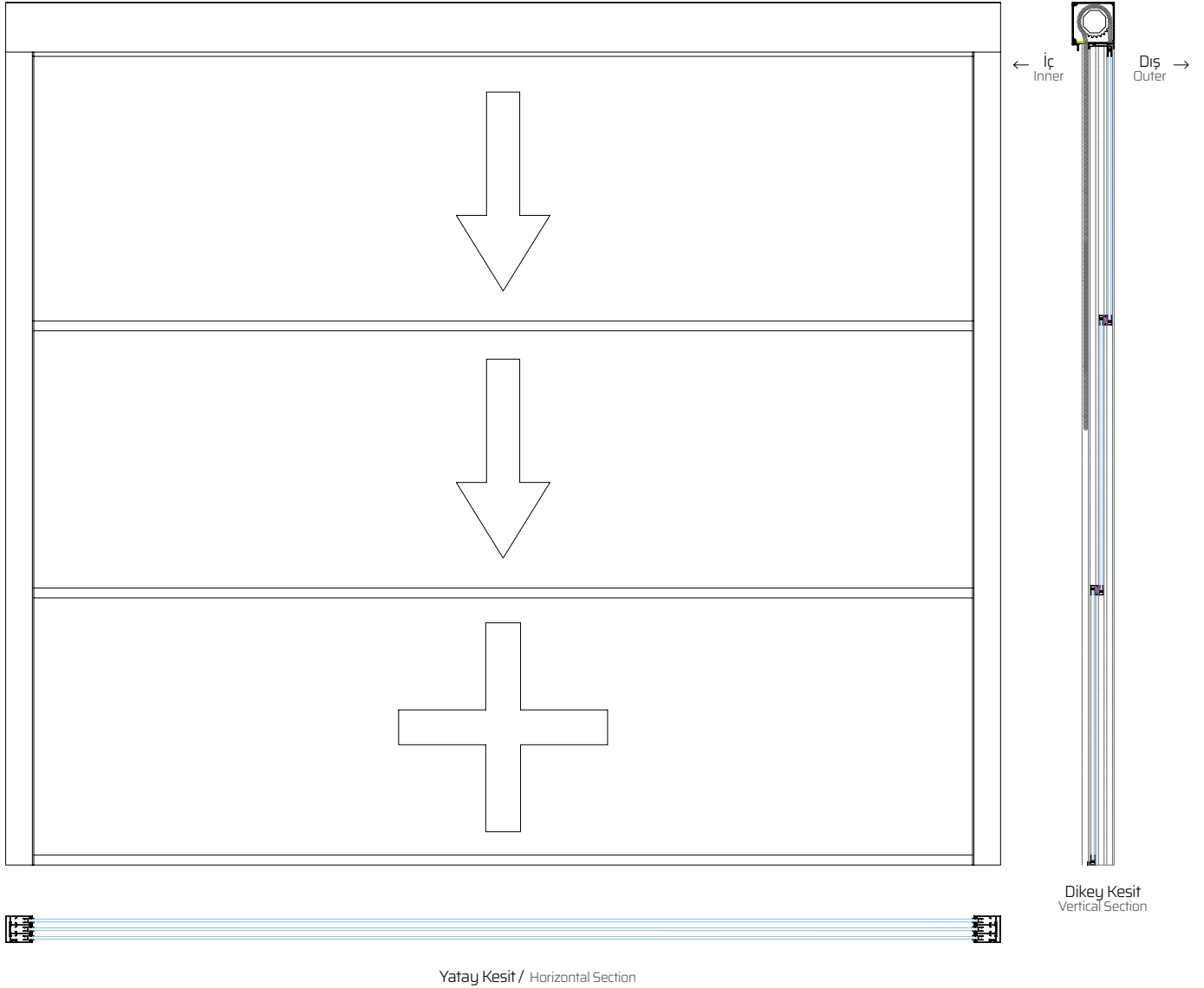
Halatlı Giyotin Sistem Vida Gizleme Profili /  
Screw Hiding Profile for Guillotine System  
0.064 Kg/m  
Kod/Code: 301102



Halatlı Giyotin Sistem Kenet Profili /  
Clips Profile Guillotine System  
0.531 Kg/m  
Kod/Code: 301107

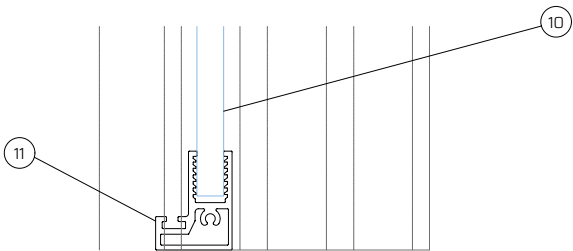
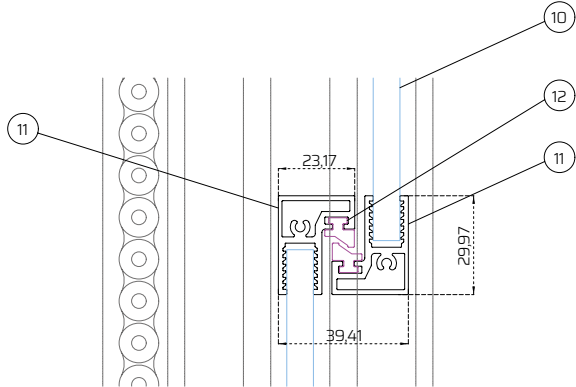
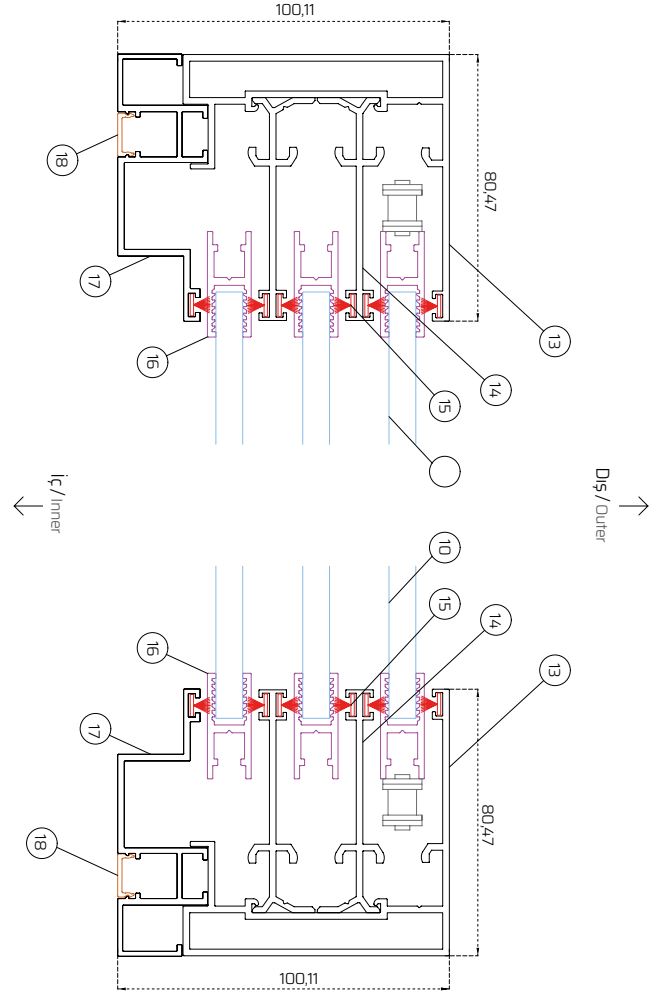
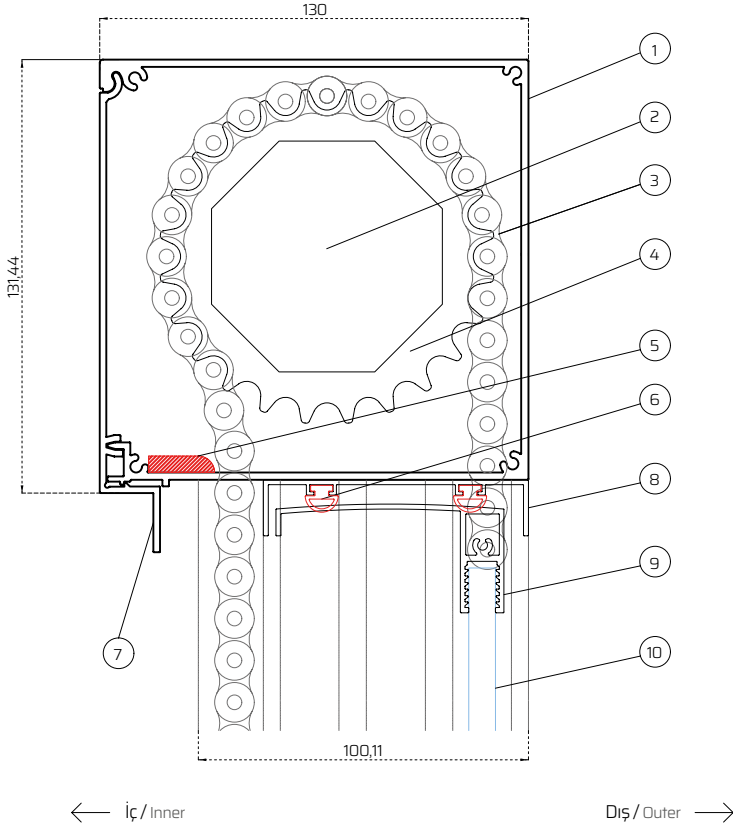
## Giotech 201 (Eko-Zincirli, Tek Camlı Giyotin Sistem)

Giotech 201 (Eco-Chained, Single Glass Guillotine System)



## Giotech 201 (Eko-Zincirli,Tek Camlı Giyotin Sistem)

Giotech 201 (Eco-Chained,Single Glass Guillotine System)



### BİLEŞEN TABLOSU / TABLE OF COMPONENTS

NO / NU	Bileşen / Component	Kod / Code
1	Zincirli Giyotin Sistem Motor Kutusu / Motor Case Profile	303101
2	Tüp Motor / Tubular Motor	
3	08B-1 Tip Zincir - 2,5m / 08B-1 Type Chain -2,5m	300204
4	08B-1 Tip Zincir Dişlisi 24'lü / Gear of 08B-1 Type Chain (24 pcs. teeth)	302201
5	Zincir Kılavuz Plastiği / Chain Guide Plastic	300208
6	Kauçuk Fital / Rubber Strip	
7	Motor Kutusu Kapağı / Motor Case Cover Profile	303102
8	Üst "U" Profili / "U" Shaped Top Profile	301109
9	Küpeşte Profili / Handrail Profile	301104
10	8 mm Temperli Cam / 8 mm Tempered Glass	
11	Kenet Profili / Clips Profile	301107
12	Kenet Kauçuk Fitali / Clips Rubber Strip	300301
13	Ray Profili / Rail Case Profile	301106
14	Ray İçi Kılavuz Profili / Inner Rail Separator Profile	301103
15	Kıl Fital 67*800 / Brush Strip	C00306
16	Dikey Baza Profili / Vertical Base Profile	301108
17	Ray Kapak Profili / Rail Case Cover Profile	302101
18	Vida Gizleme Kapağı / Screw Hiding Profile	301102

# GIÖ SERİSİ / SERIES

GIYOTIN CAM SİSTEMLERİ  
GUILLOTINE GLASS SYSTEMS





**GIO**TECH 301

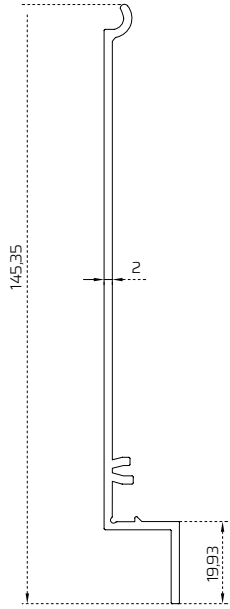
**ZİNCİRLİ, TEK CAMLI  
GİYOTİN**

**CHAINED SINGLE GLASS  
GUILLOTINE**

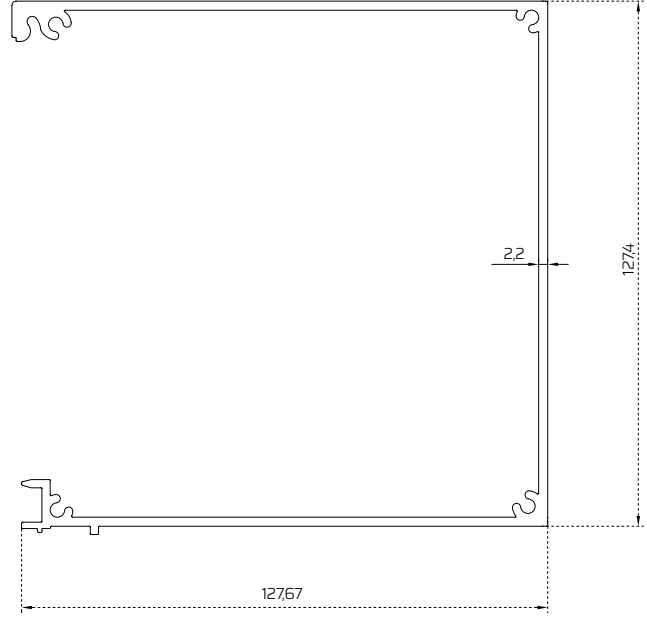


## Giotech 301 (Zincirli, Tek Camlı Giyotin Sistem)

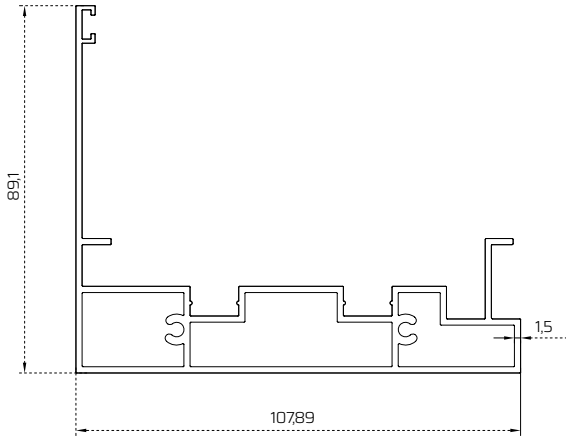
Giotech 301 (Chained, Single Glass Guillotine System)



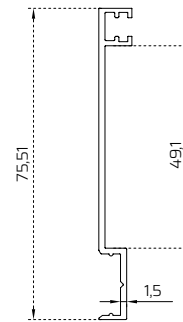
Zincirli Giyotin Sistem Motor Kutusu Kapağı Profili /  
Motor Case Cover Profile for Guillotine System  
0.96 Kg/m  
Kod/Code: 303102



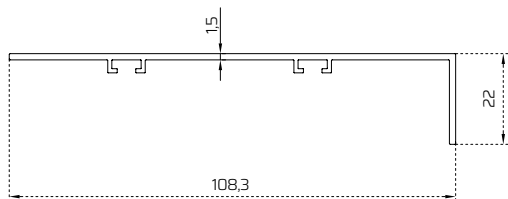
Zincirli Giyotin Sistem Motor Kutusu Profili /  
Motor Case Profile for Guillotine System  
2.68 Kg/m  
Kod/Code: 303101



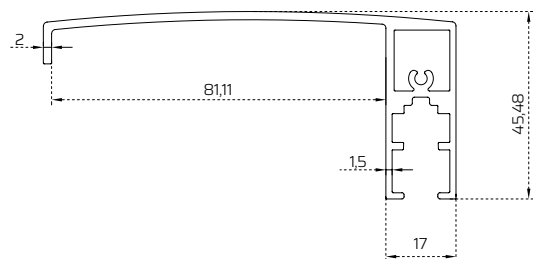
Zincirli Giyotin Sistem Ray Profili /  
Rail Case Profile for Guillotine System  
1.79 Kg/m  
Kod/Code: 303103



Zincirli Giyotin Sistem Ray Kapak Profili /  
Rail Case Cover Profile for Guillotine System  
0.41 Kg/m  
Kod/Code: 303105



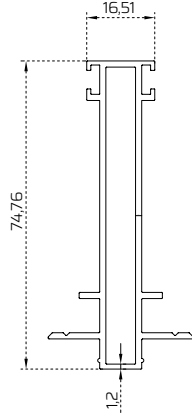
Zincirli Giyotin Sistem Üst "L" Profili /  
"L" Shaped Top Profile for Guillotine System  
0.58 Kg/m  
Kod/Code: 303107



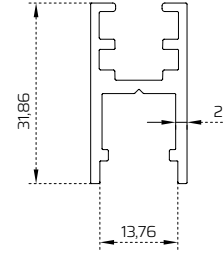
Zincirli Giyotin Sistem Küpeşte Profili /  
Handrail Profile for Guillotine System  
1.23 Kg/m  
Kod/Code: 303109

## Giotech 301 (Zincirli, Tek Camlı Giyotin Sistem)

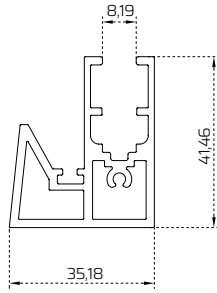
Giotech 301 (Chained, Single Glass Guillotine System)



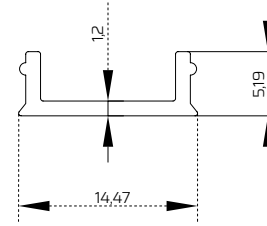
Zincirli Giyotin Sistem Separatör Profili /  
Separator Profile for Guillotine System  
0,87 Kg/m  
Kod/Code: 303104



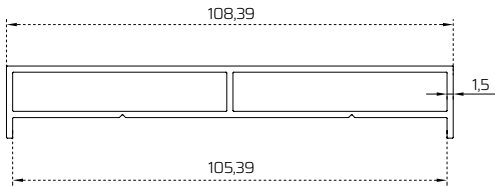
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Vertical Base Profile for Guillotine System  
0,49 Kg/m  
Kod/Code: 303111



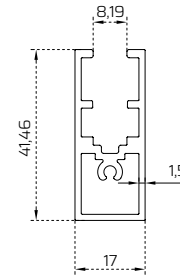
Zincirli Giyotin Sistem Kenet Profili /  
Clips Profile Guillotine System  
1,05 Kg/m  
Kod/Code: 303110



Vida Gizleme Kapağı /  
Screw Hiding Profile for Guillotine System  
0,08 Kg/m  
Kod/Code: 303112



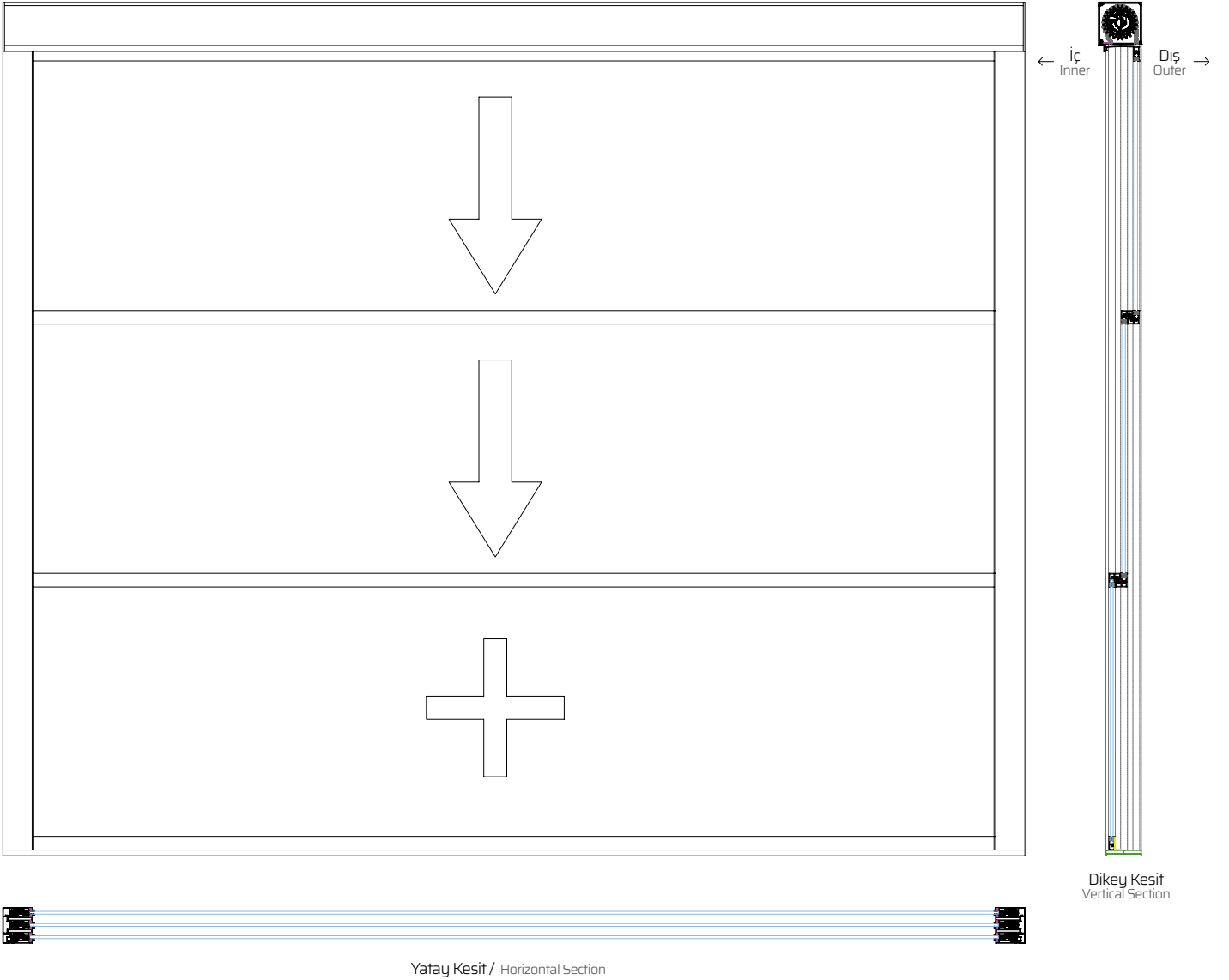
Zincirli Giyotin Sistem Alt Kasa Profili /  
Bottom Case Profile  
1,05 Kg/m  
Kod/Code: 303106



Zincirli Giyotin Sistem Yatay Alt Baza Profili /  
Horizontal Base Profile for Bottom Fixed Panel  
0,62 Kg/m  
Kod/Code: 303108

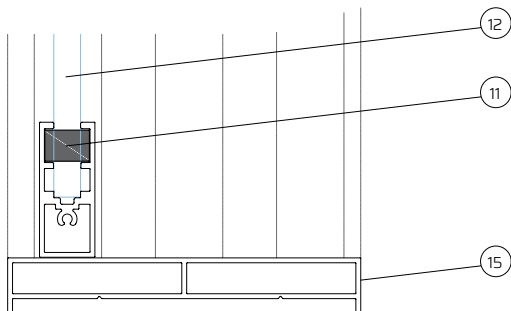
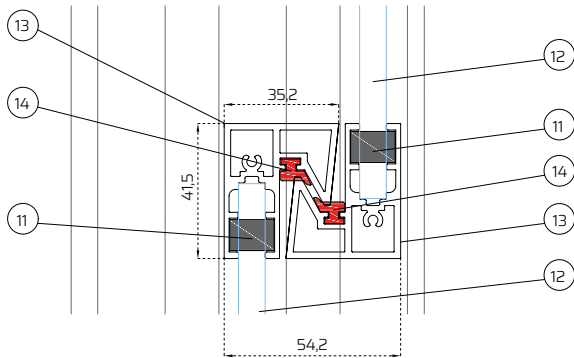
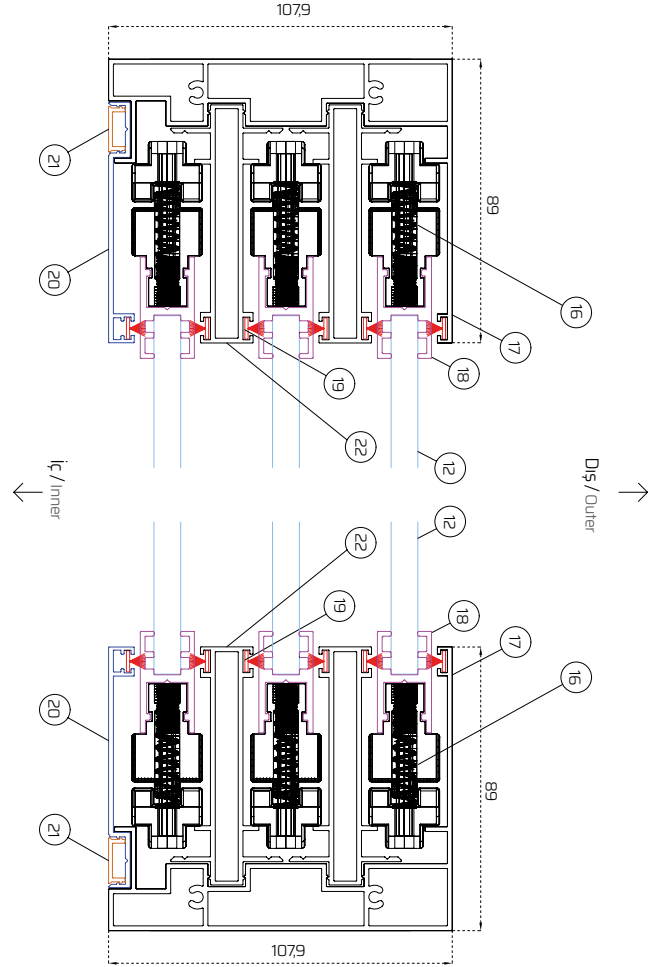
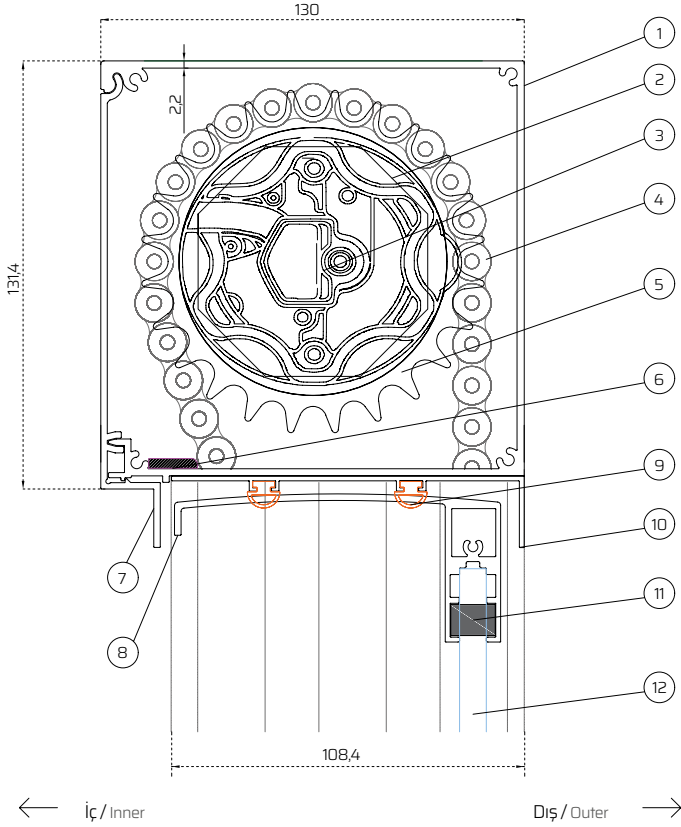
## Giotech 301 (Zincirli, Tek Camlı Giyotin Sistem)

Giotech 301 (Chained, Single Glass Guillotine System)



## Giotech 301 (Zincirli, Tek Camlı Giyotin Sistem)

Giotech 301 (Chained, Single Glass Guillotine System)



### BİLEŞEN TABLOSU / TABLE OF COMPONENTS

NO / NU	Bileşen / Component	Kod / Code
1	Zincirli Giyotin Sistem Motor Kutusu / Motor Case Profile	303101
2	Tambur / Barrel	300101
3	Tüp Motor / Tubular Motor	
4	08B-1 Tip Zincir - 2,5m / 08B-1 Type Chain - 2,5m	300204
5	08B-1 Tip Zincir Dişlisi 24'lü / Gear of 08B-1 Type Chain (24 pcs. teeth)	302201
6	Zincir Kılavuz Plastiği / Chain Guide Plastic	300208
7	Motor Kutusu Kapağı / Motor Case Cover Profile	303102
8	Küpeşte Profili / Handrail Profile	303109
9	Kauçuk Fital / Rubber Strip	
10	Üst "L" Profili / "L" Shaped Top Profile	303107
11	Cam Pimi / Gib of Glass	303203
12	8 mm Temperli Cam / 8 mm Tempered Glass	
13	Kenet Profili / Clips Profile	303110
14	Kenet Kauçuk Fitali / Rubber Strip of Clips Profile	303101
15	Alt Kasa Profili / Bottom Case Profile	303106
16	Plastik Denge Takoğu / Plastic Balance Check	303202
17	Ray Profili / Rail Case Profile	303103
18	Dikey Baza / Vertical Base Profile	303111
19	Kıl Fital 67*800 / Brush Strip 67*800	C00306
20	Ray Kapak Profili / Rail Case Cover Profile	303105
21	Vida Gizleme Kapağı / Screw Hiding Profile	303112
22	Ray İçi Kılavuz Profili / Inner Rail Separator Profile	303104

## 10.000 Açma-Kapama Test Sonucu PFB Yapı Elemanları Test Enstitüsü

Resistance to Repeated 10.000 Cycles Opening And Closing Test Result  
PFB Test Institute of Structural Elements



Fenster · windows  
Rollläden · shutters  
Türen + Tore · doors  
Fassaden · curtain walling  
Baubeschläge · building hardware

June 03, 2019 RM/YA

### TEST REPORT NO. 18/10-A007-B3

PFB-Internal-No. 2019-27-0755

Version 1.0n

Performance testing accordance with EN 1191:2012 "Windows and doors Resistance to repeated opening and closing Test method". The test (vertical motion) was performed for 10,000 cycles

<b>Order No.</b>	18/10-A007
<b>Applicant</b>	Eliz Cam Sistemleri. Sarıçam Sokak No:62 Sitelер - Ankara Türkiye
<b>Product type</b>	Vertical-Travel guillotine window, with one fixed and two sliding panels parts vertically controlled by electric drive, Aluminum, single glazing
<b>Product name</b>	<b>Giotech 300</b>
<b>Conducted tests</b>	- Resistance to repeated opening and closing
<b>Responsible test person</b>	Dipl.-Ing. (FH) Rüdiger Müller

This report consists of 5 pages. The following are included as appendix:

- 6 Images of test sample (attachment 1 to 3 of 7)
- 4 Pages technical documentation (attachment 4 to 7 of 7)

PfB GmbH & Co. Prüfzentrum für Bauelemente KG  
AG Traunstein HRA 8871  
Lackermannweg 24, 83071 Stephanskirchen  
pH-G PfB Verwaltungs GmbH  
Geschäftsführer: Matthias Demmel, Rüdiger Müller  
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IBAN DE88 7115 0000 0500 5567 41  
SWIFT-BIC: BYLADEM1ROS  
Steuer-Nr.: 156/172/13009  
USt-IdNr.: DE245353602



## Hava Geçirgenliği, Su Sızdırmazlık, Rüzgar Yükü Test Sonuçları PFB Yapı Elemanları Test Enstitüsü

Air Permeability, Water Tightness, Resistance to Wind Load Test Results  
PFB Test Institute of Structural Elements



Fenster · windows  
Rollläden · shutters  
Türen + Tore · doors  
Fassaden · curtain walling  
Baubeschläge · building hardware

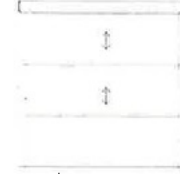
### TEST CERTIFICATE NO. 18/10-A007-Z2

PFB-Internal-No. 2019-27-0755

Version 1.en

Testing of balcony glazing with reference to the test standards EN 1026 for air permeability, EN 1027 for water tightness, EN 12211 for resistance to wind load"

**Applicant** Eliz Cam Sistemleri.  
Sarıçam Sokak No:62  
Sitelere - Ankara  
Türkiye



**Product type** Vertical-Travel guillotine window, with one fixed and two sliding panels parts vertically controlled by electric drive, Aluminum, single glazing

**Product name** Giotech 300

**Sealing** Brush and rubber sealing

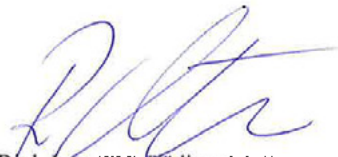
**Dimension** Total outside dimensions (W x H) max. 3000 mm x 2600 mm

**Classification** According to test report No. 18/10-A007-B2 from June 03, 2019:



EN 1026	Air Permeability	EN 12207	Class 2
EN 1027	Water tightness	EN 12208	Class 3A
EN 12211	Resistance to wind load	EN 12210	Class n.p.d.

**Validity** Period of validity of EN 14351-1 : 2006 + A2 : 2016

  
Dipl.-Ing. (FH) Rüdiger Müller  
Head of Institute



  
Yigit Altug  
Responsible Official

# GLO SERİSİ / SERIES

GIYOTIN CAM SİSTEMLERİ  
GUILLOTINE GLASS SYSTEMS





**GLO**TERM 311

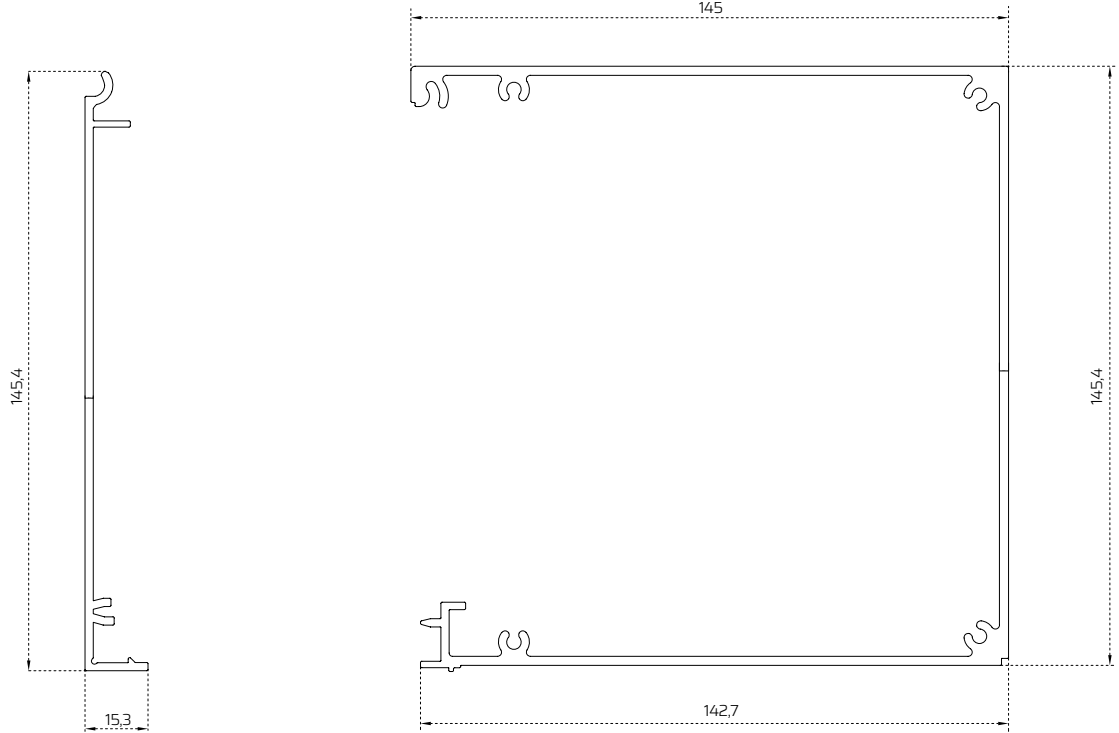
**ZİNCİRLİ, ISICAMLI  
GİYOTİN**

**ECO-CHAINED DOUBLE  
GLAZED GUILLOTINE**



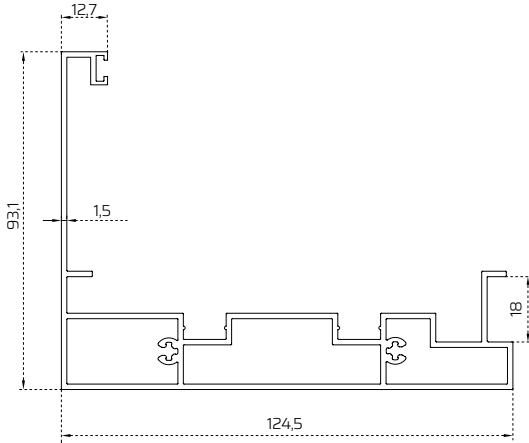
## Giotherm 311 (Zincirli, Isıcamlı Giyotin Sistem)

Giotherm 311 (Chained, Double Glazed Guillotine System)

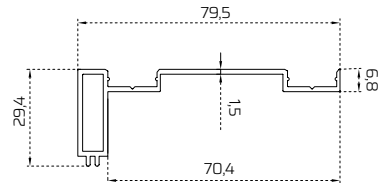


**Motor Kasa Kapak Profili**  
Motor Case Cover Profile for Guillotine System  
0.966 Kg/m  
Kod/Code: 304102

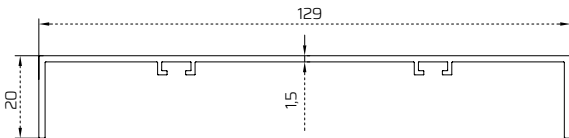
**Motor Kasa Profili**  
Motor Case Profile for Guillotine System  
3.197 Kg/m  
Kod/Code: 304101



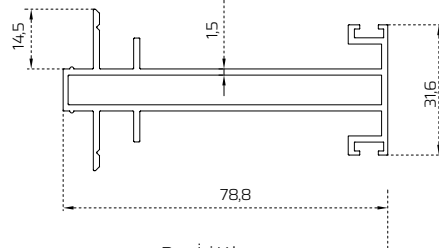
**Ray Profili**  
Rail Case Profile for Guillotine System  
1.998 Kg/m  
Kod/Code: 304103



**Ray Kapak Profili**  
Rail Case Cover Profile for Guillotine System  
1.06 Kg/m  
Kod/Code: 304105



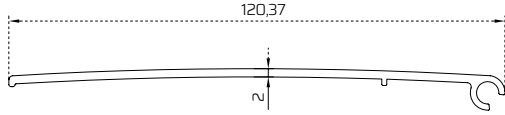
**Üst U Profili**  
"U" Shaped Top Profile For Guillotine System  
0.741 Kg/m  
Kod/Code: 304107



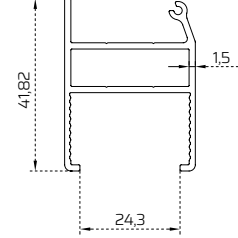
**Ray İçi Kılavuzu**  
Separator Profile for Guillotine System  
1.06 Kg/m  
Kod/Code: 304104

## Gioterm 311 (Zincirli, Isıcamlı Giyotin Sistem)

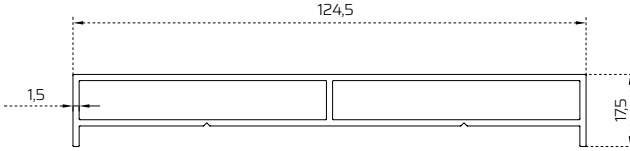
Gioterm 311 (Chained, Double Glazed Guillotine System)



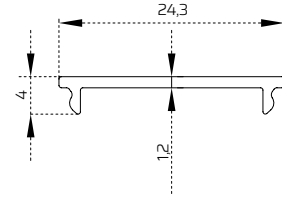
**Hareketli Küpeşte Profili**  
Dynamic Handrail Profile for Guillotine System  
0.695 Kg/m  
Kod/Code: 304109



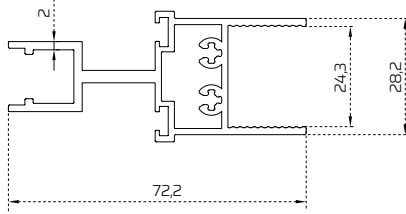
**Küpeşte Profili**  
Handrail Profile for Guillotine System  
1.127 Kg/m  
Kod/Code: 304108



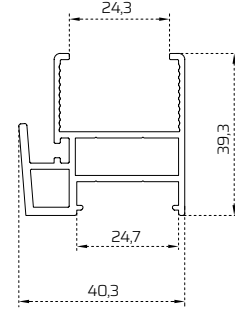
**Alt Kasa Profili**  
Bottom Case Profile  
1.166 Kg/m  
Kod/Code: 304106



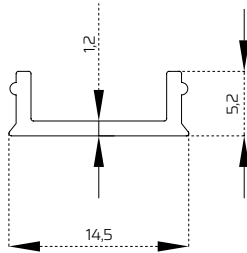
**Kenet Kapağı**  
Clips Cover Profile  
0.094 Kg/m  
Kod/Code: 200116



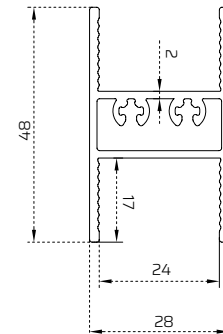
**Dikey Baza**  
Vertical Base Profile For Guillotine System  
1.111 Kg/m  
Kod/Code: 304111



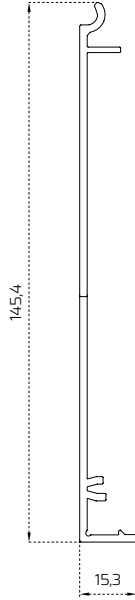
**Kenet Profili**  
Clips Profile Guillotine System  
0.767 Kg/m  
Kod/Code: 304110



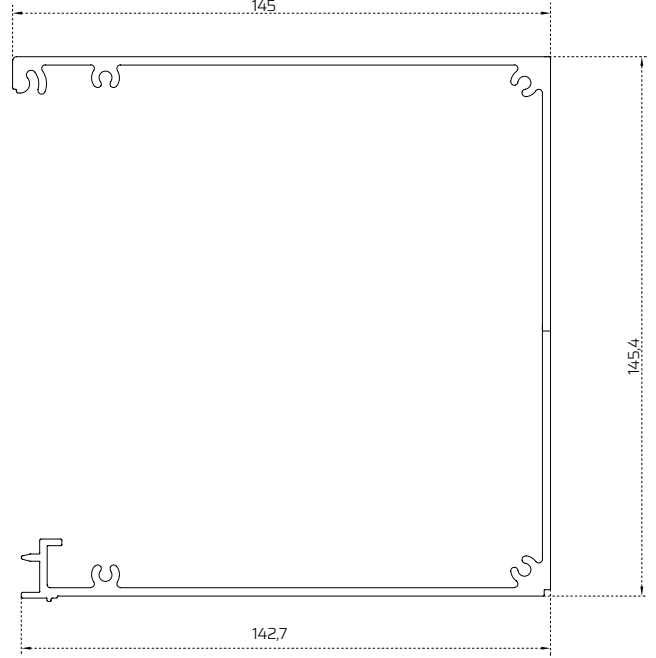
**Vida Gizleme Kapağı**  
Screw Hiding Profile for Guillotine System  
0.08 Kg/m  
Kod/Code: 303112



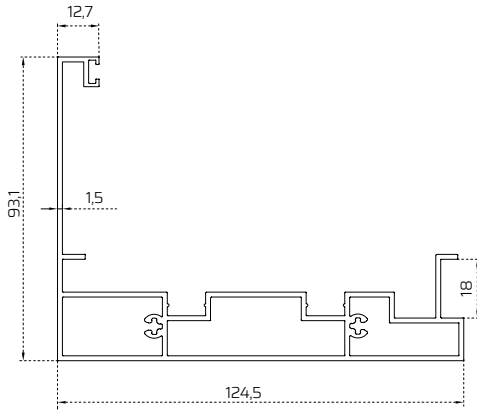
**Orta Kayıt Profili**  
Guide Profile for Guillotine System  
0.758 Kg/m  
Kod/Code: 304112



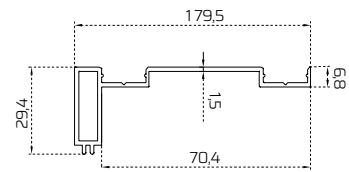
**Motor Kasa Kapak Profili**  
Motor Case Cover Profile For Guillotine System  
0.966 Kg/m  
Kod/Code:304102



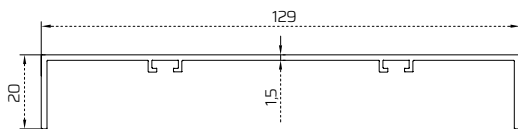
**Motor Kasa Profili**  
Motor Case Profile For Guillotine System  
3.197 Kg/m  
Kod/Code:304101



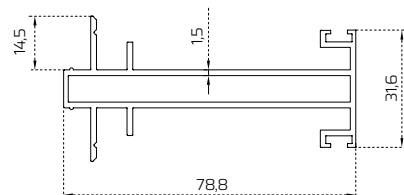
**Ray Profili**  
Rail Case Profile For Guillotine System  
1.998 Kg/m  
Kod/Code:304103



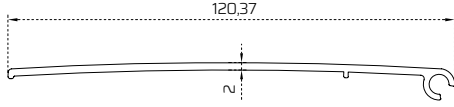
**Ray Kapak Profili**  
Rail Case Cover Profile For Guillotine System  
1.06 Kg/m  
Kod/Code:304105



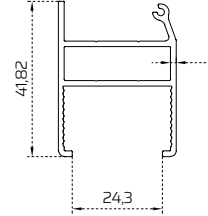
**Üst U Profili**  
"U" Shaped Top Profile For Guillotine System  
0.741 Kg/m  
Kod/Code:304107



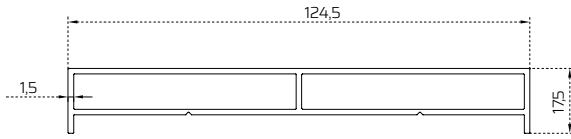
**Ray İçi Kılavuzu**  
Separator Profile For Guillotine System  
1.06 Kg/m  
Kod/Code:304104



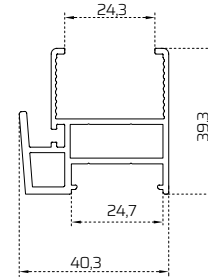
**Hareketli K pe te Profili**  
Dynamic Handrail Profile For Guillotine System  
0,695 Kg/m  
Kod/Code:304109



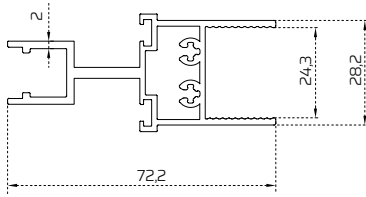
**K pe te Profili**  
Handrail Profile For Guillotine System  
1,127 Kg/m  
Kod/Code:304108



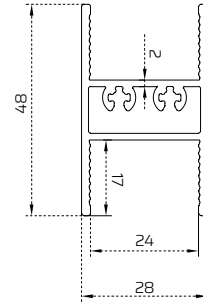
**Alt Kasa Profili**  
Bottom Case Profile  
1,166 Kg/m  
Kod/Code:304106



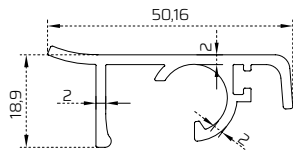
**Kenet Profili**  
Clips Profile Guillotine System  
0,767 Kg/m  
Kod/Code:304110



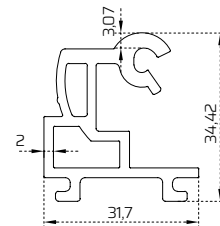
**Dikey Baza**  
Vertical Base Profile For Guillotine System  
1,111 Kg/m  
Kod/Code:304111



**Orta Kayıt Profili**  
Guide Profile For Guillotine System  
0,758 Kg/m  
Kod/Code:304112



**Hareketli Kenet Profili**  
Moveable Clips Profile  
0,588 Kg/m  
Kod/Code:304118



**Hareketli Kenet G vde Profili**  
Moveable Clips Body Profile  
0,837 Kg/m  
Kod/Code:304119



# GLO SERİSİ / SERIES

GIYOTIN CAM SİSTEMLERİ  
GUILLOTINE GLASS SYSTEMS



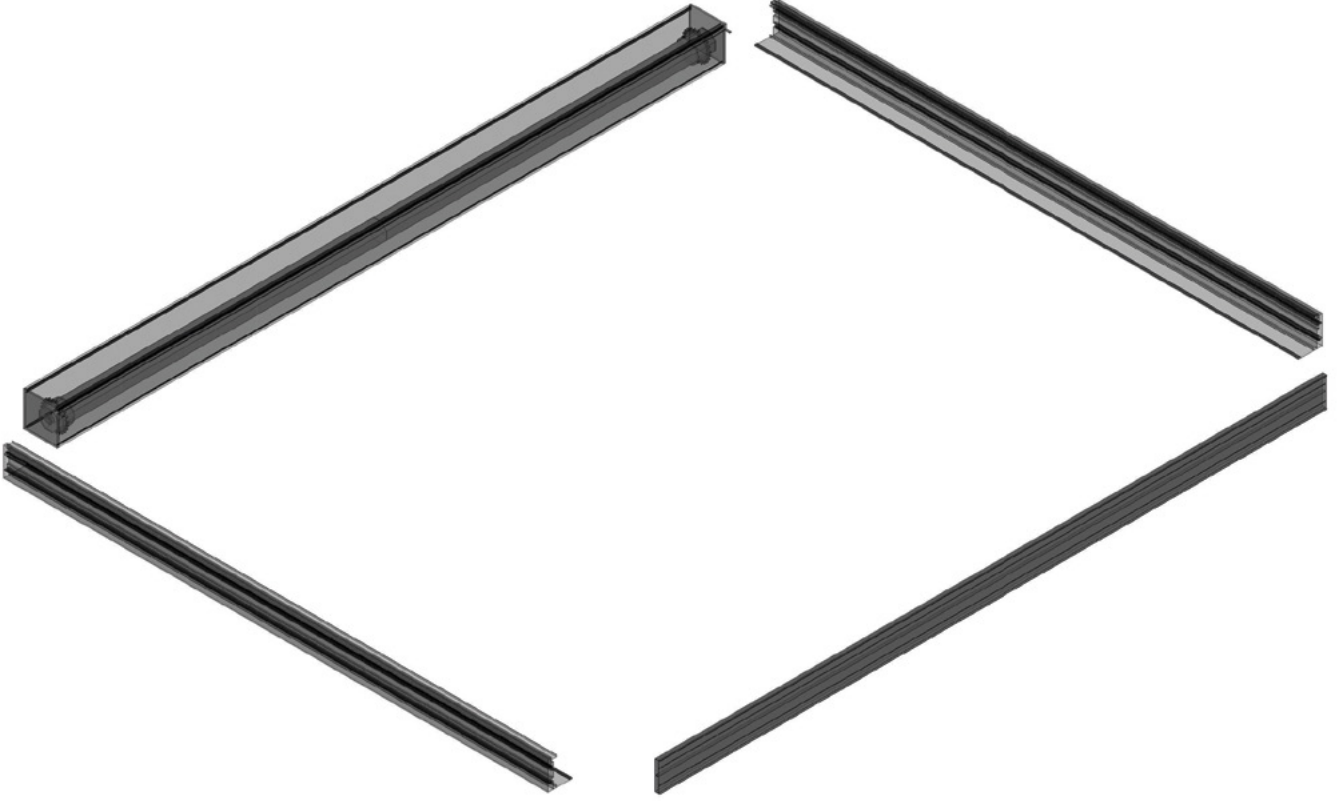
**GİYOTİN SİSTEMLER  
MONTAJ ŞEMASI**

INSTALLATION STEPS  
OF GUILLOTINE GLASS  
SYSTEMS





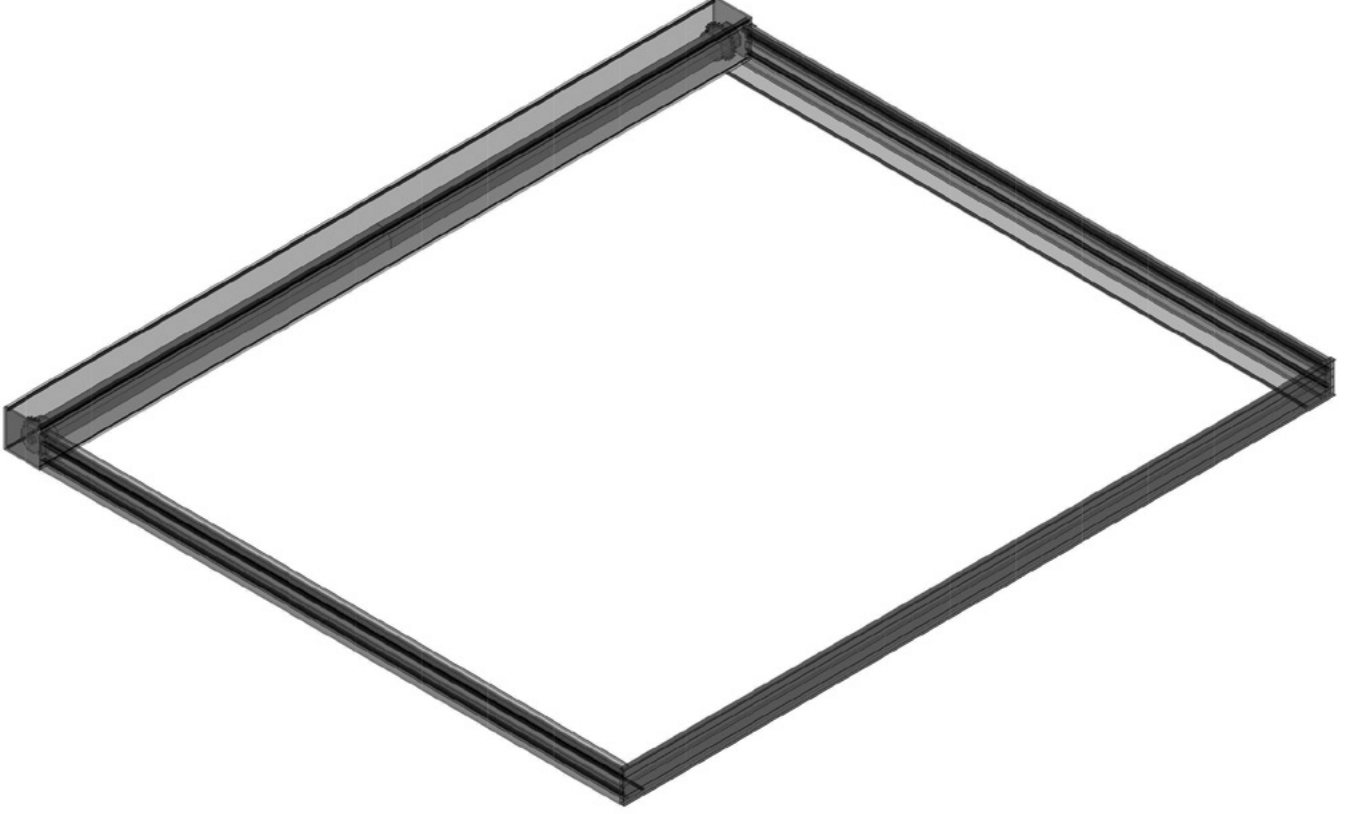
# GLO SERİSİ /SERIES



## ADIM - 1 / STEP - 1

Ray profilleri, motor kasası ve alt kasa profili montajın gerçekleştirileceđi alana yakın bir konumda toplanır.

rail profiles, motor case and bottom case profile are collected close to the area where the assembly will be performed

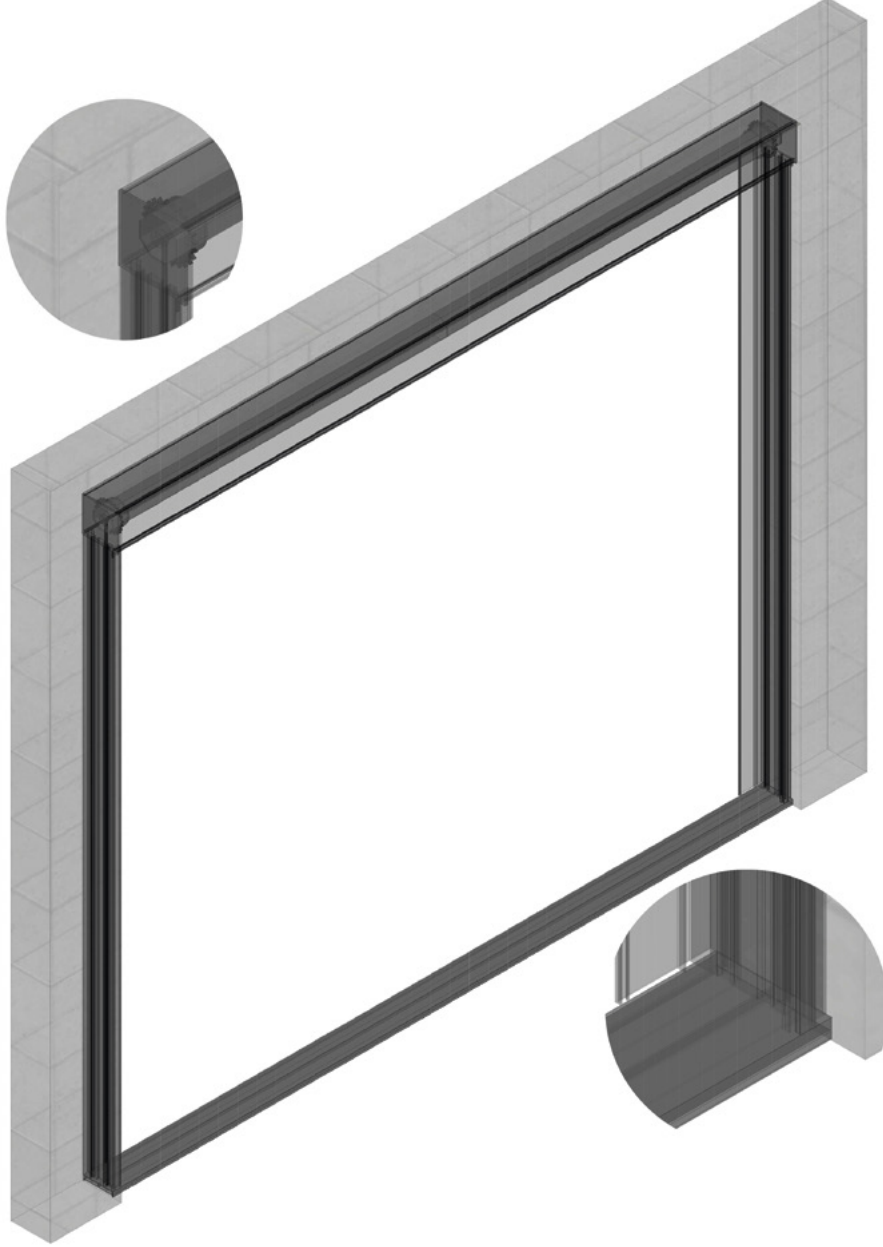


## ADIM - 2 / STEP - 2

Ray profilleri, motor kasası ve alt kasa profili montajın gerçekleştirileceđi alana yakın bir konumda řekildeki gibi birleřtirilerek sistem çerçevesi oluřturulur..

system frame is created by combining the rail profiles, motor case and bottom case profile in a location close to the area where the assembly will be performed, as shown in the figure.

# GLO SERİSİ /SERIES

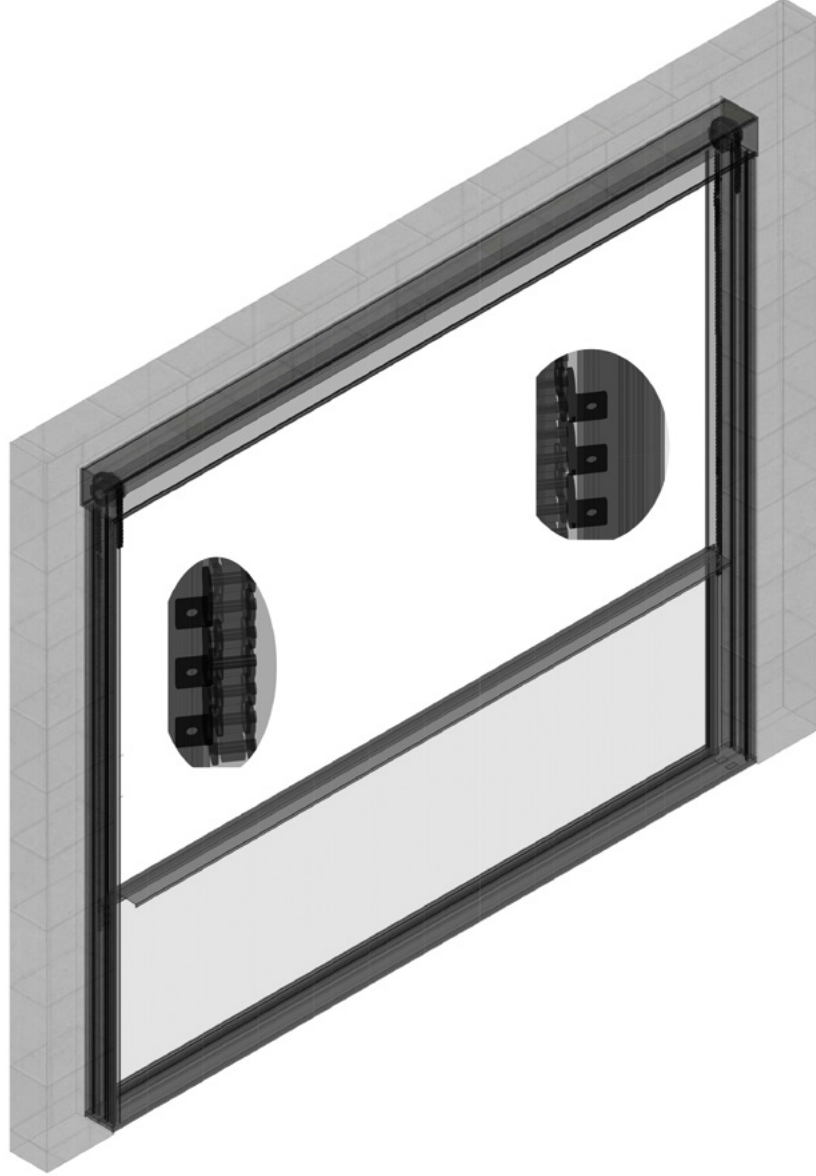


## ADIM - 3 / STEP - 3

Oluşturulan sistem çerçevesi montajın gerçekleştirileceği alana monte edilir.

the created system frame is mounted in the area where the assembly will be performed

# GLO SERİSİ /SERIES

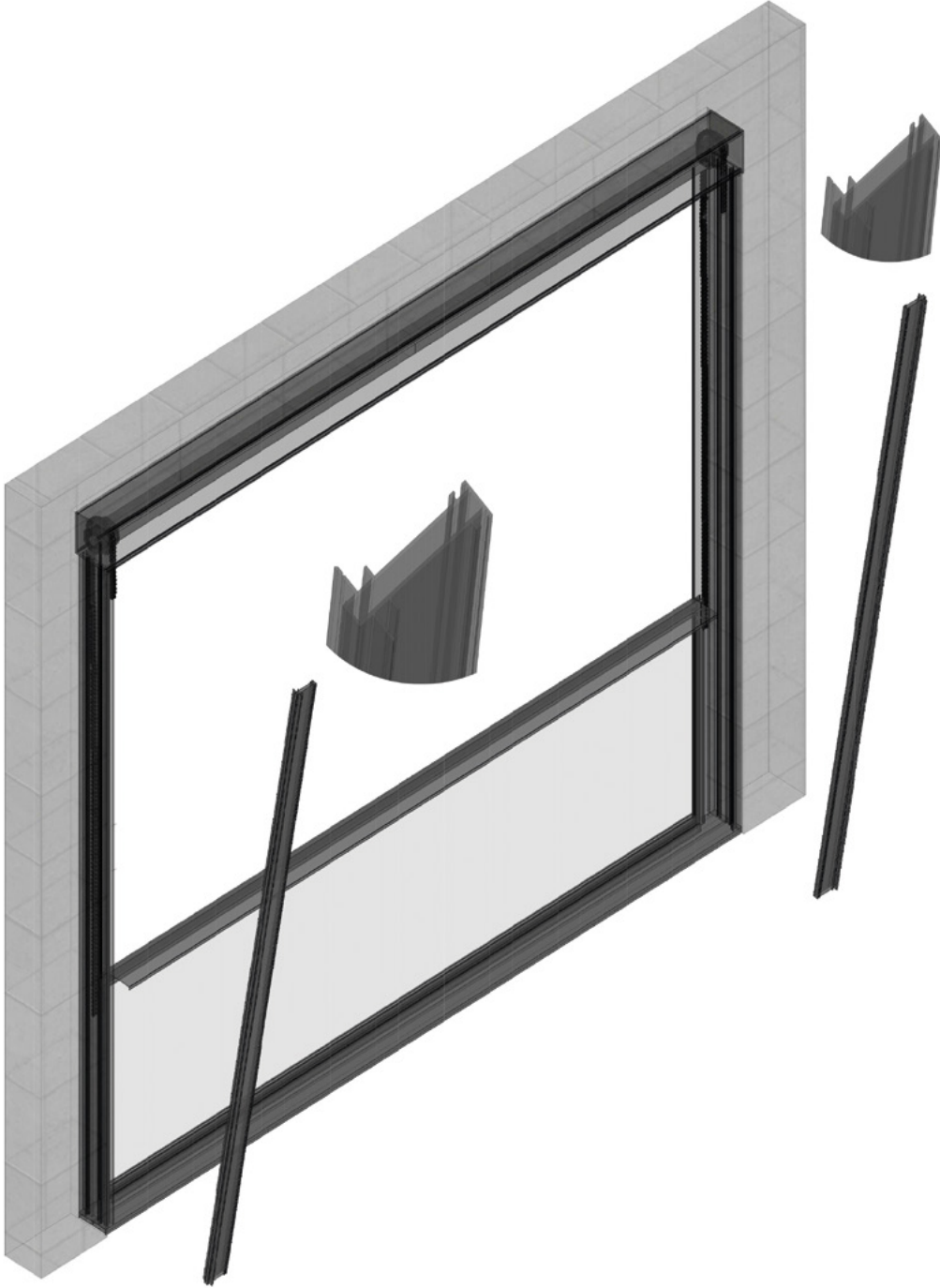


## ADIM - 4 / STEP - 4

Sistem çerçevesi alana monte edildikten sonra sisteme ait kanatlar sırasıyla ray profiline geçirilir. İlk olarak sistem kapalı durumdayken en üstte bulunacak olan kanadın ray profillerine geçirilmesi gerekmektedir. İlk kanadın ray profillerine geçirilmesinin ardından bu kanadın zincirler ile bağlantısı yapılacaktır. Zincirlerde bulunan braketlerin kanadın sağ ve sol tarafına aynı hizada olacak şekilde bağlanması gerekmektedir. Braketlerin kanada bağlanmasının ardından zincirler tamburda bulunan dişlilerden geçirecektir.

After the system frame is installed in the area, the panels belonging to the system are switched to the rail profiles respectively. Firstly, the panel that will be on the top when the system is off must be switched to the rail profiles. After passing the first panel to the rail profiles, this panel will be linked with the chains. The brackets on the chains must be connected to the right and left sides of the panel. After the brackets are connected to the panel, the chains will be passed through the gears in the drum

# GLO SERİSİ /SERIES

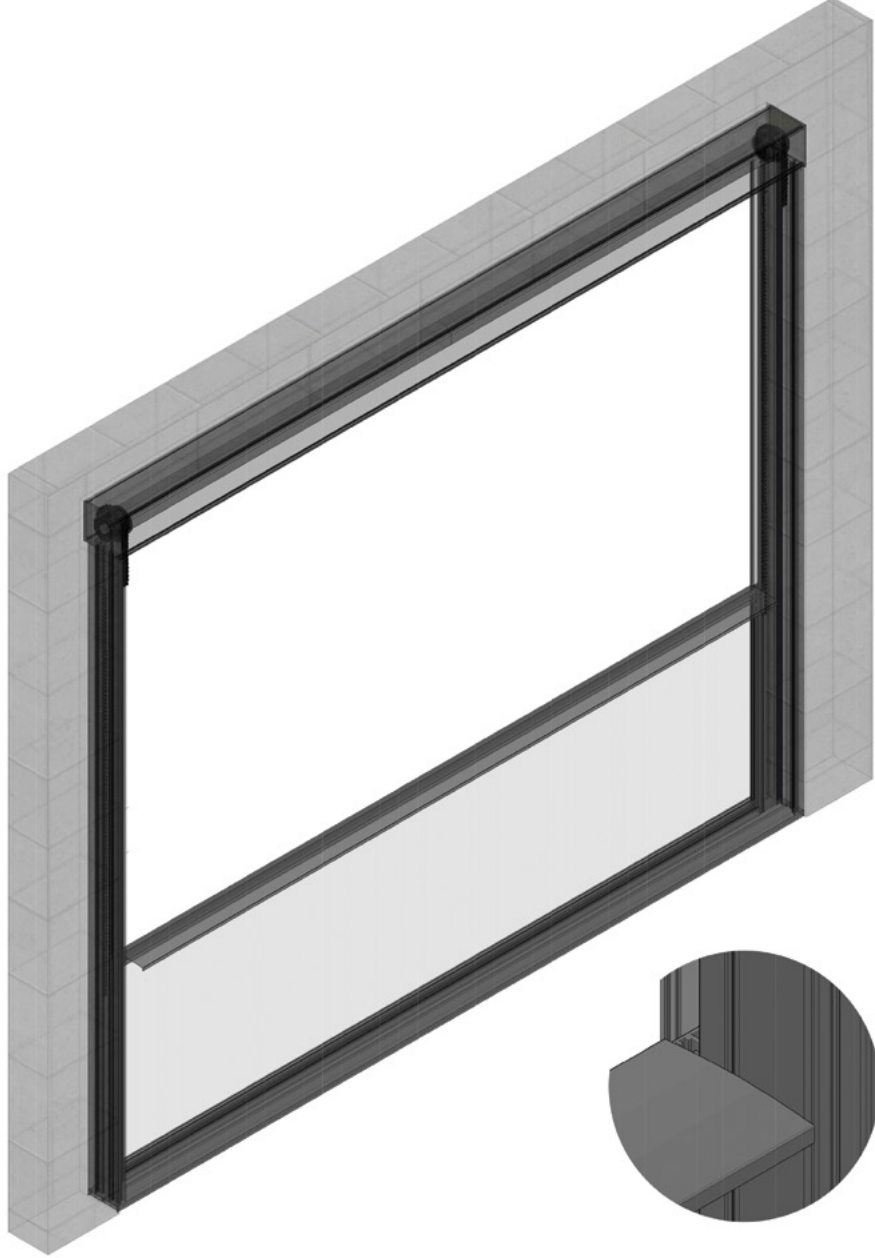


## ADIM - 5 / STEP - 5

İlk kanadın raylara geçirilmesinin ardından ray içi kılavuz profilleri (separatör profilleri) sağ ve sol tarafta olacak şekilde ray profillerine entegre edilir. Bu profiller kanatlara hareket kılavuzluğu edecektir.

After the first panel is placed on the rails, the inner rail separator profiles are integrated into the rail profiles on the right and left sides. These profiles will guide the wings in motion

# GLO SERİSİ /SERIES

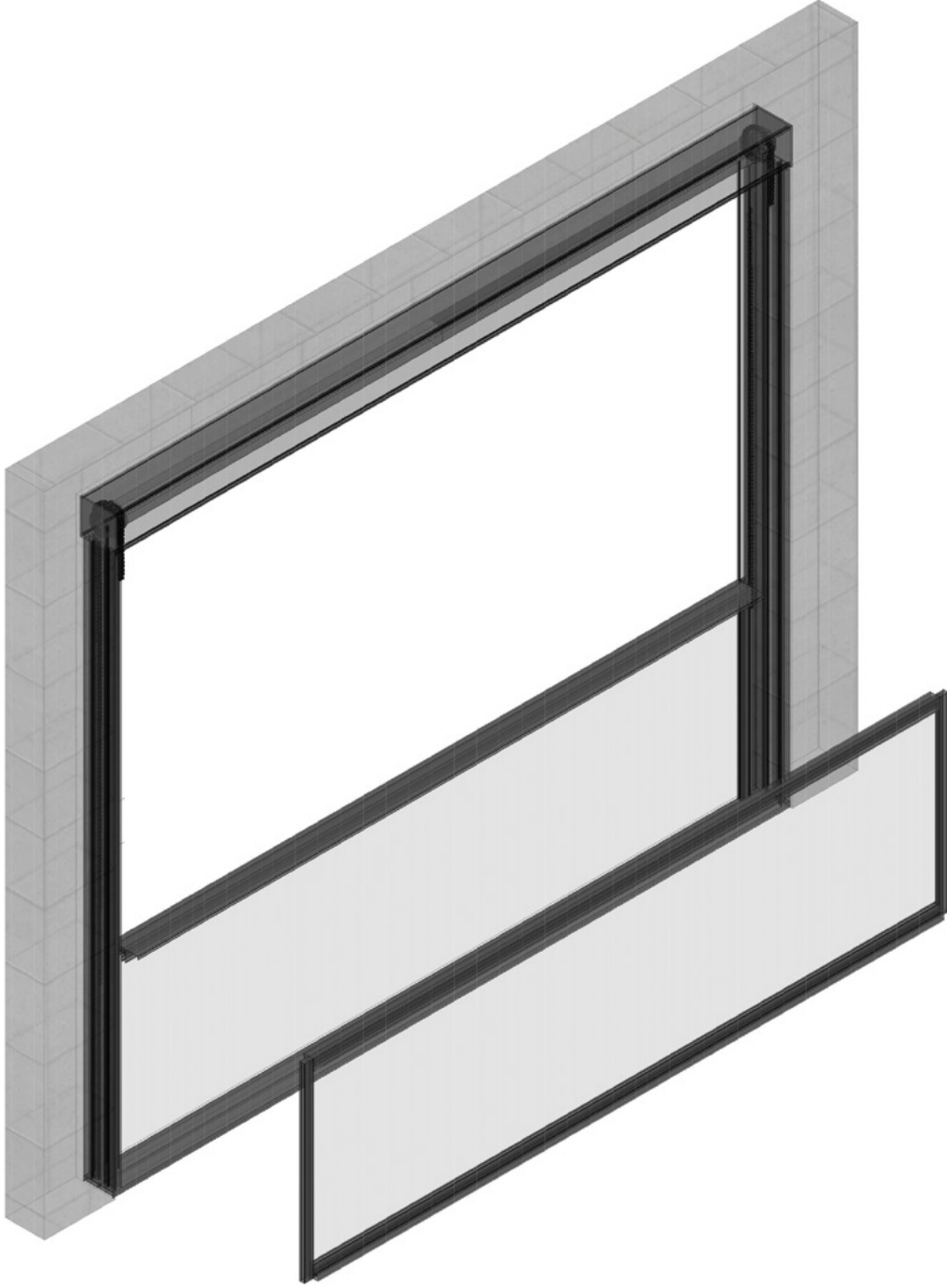


## ADIM - 5 / STEP - 5

Ray içi kılavuzu profillerinin ray profillerine entegrasyonu

Integration of separator profiles to rail profiles

# GLO SERİSİ / SERIES

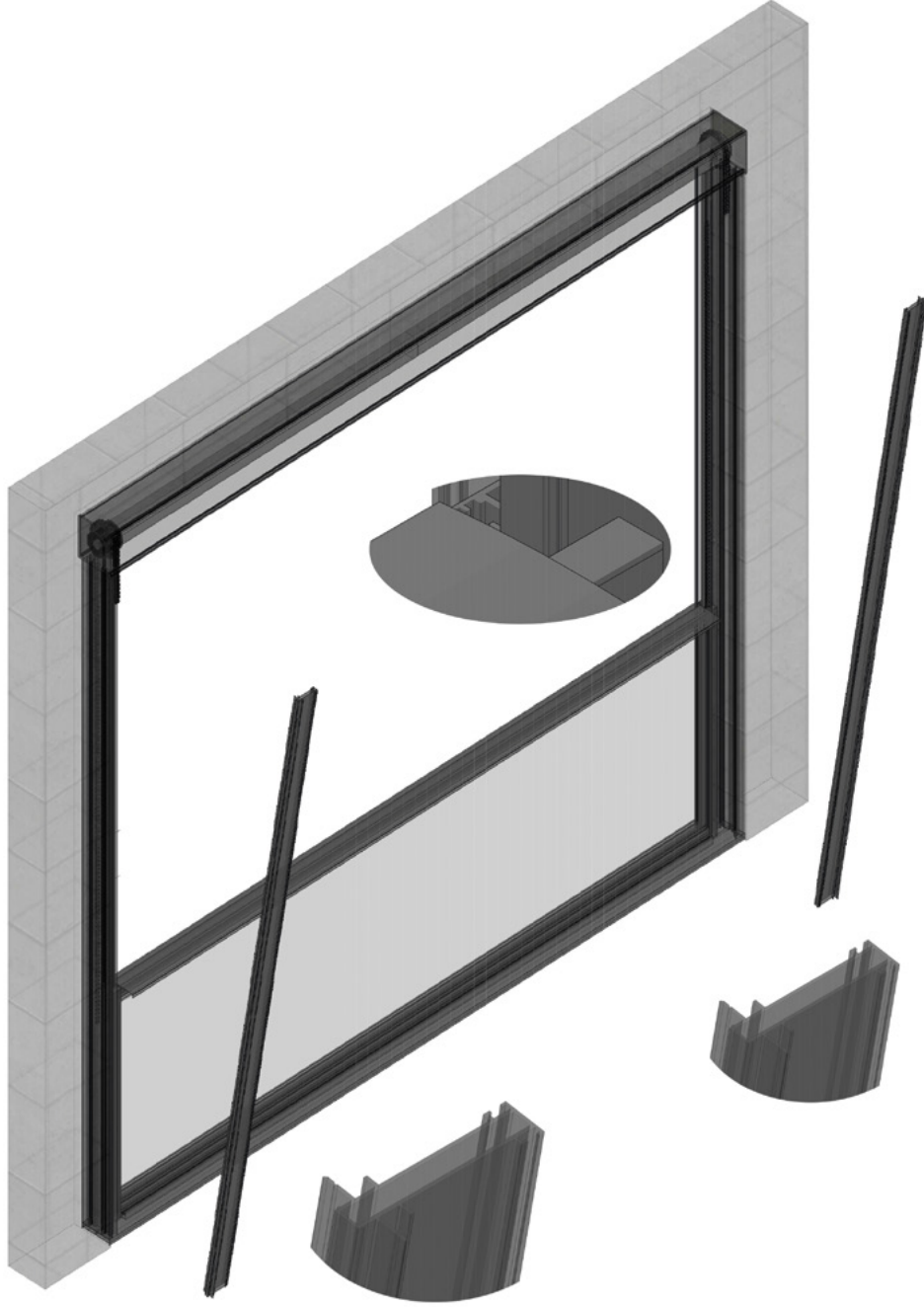


## ADIM - 6 / STEP - 6

Ray içi kılavuz profillerinin (seperatör profillerinin) yerleştirilmesinin ardından sisteme ait ikinci kanat ray profillerine geçirilmek üzere hazır bulundurulur.

After placing the in-rail separator profiles, the second panel of the system is kept ready to be switched to the rail profiles.

# GLO SERİSİ / SERIES



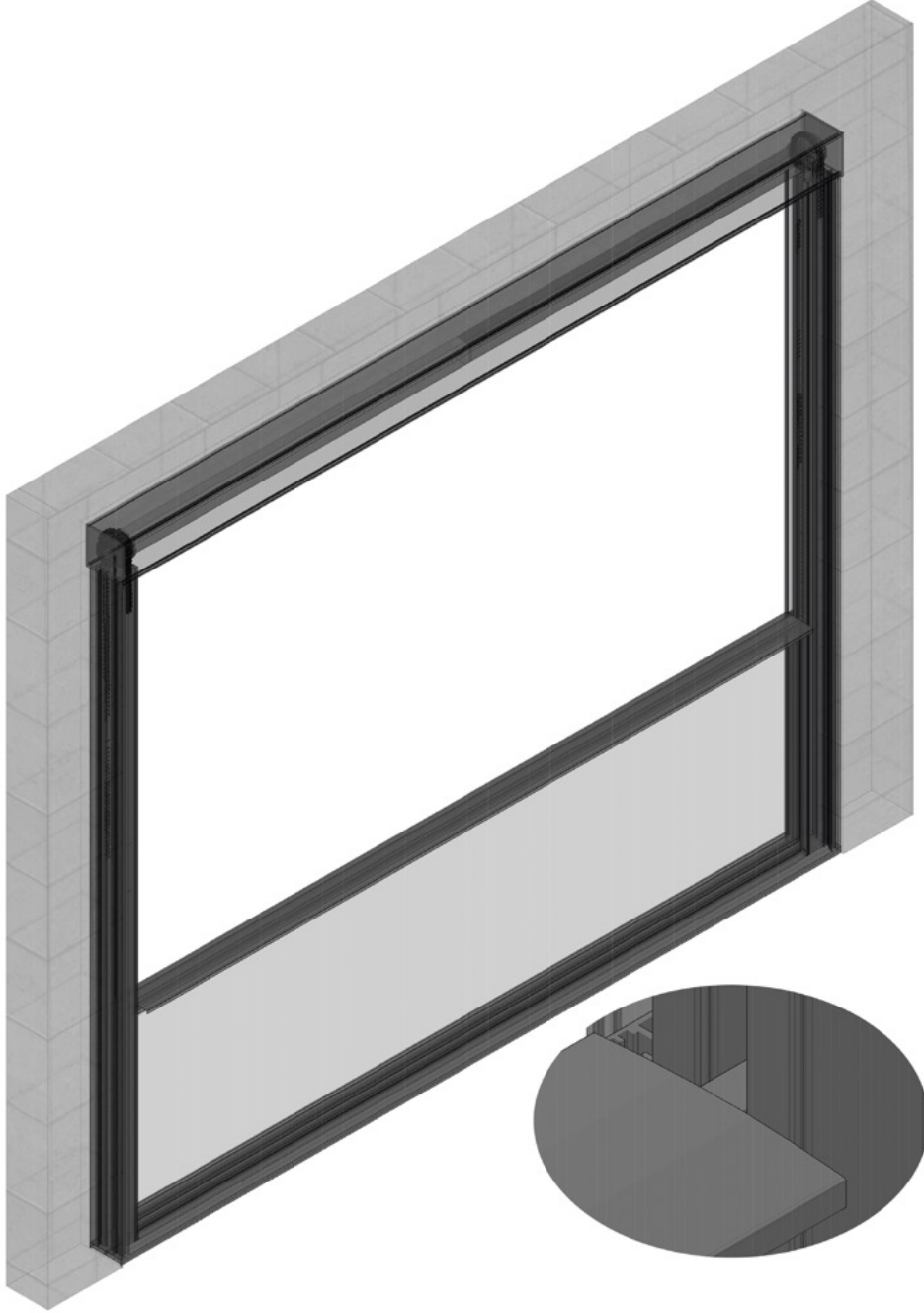
## ADIM - 7 / STEP - 7

İkinci kanat, ray kılavuz profillerinin hemen ardından sisteme yerleştirilir. İkinci kanat sisteme dahil edildikten hemen sonra bu kanalda kılavuzluk edecek olan ray seperatörleri ray profillerine geçirilir.

The second panel is placed in the system immediately after the rail separator profiles. After the second panel is included in the system, the separator that will guide this panel is put into the rail.



# GLO SERİSİ /SERIES

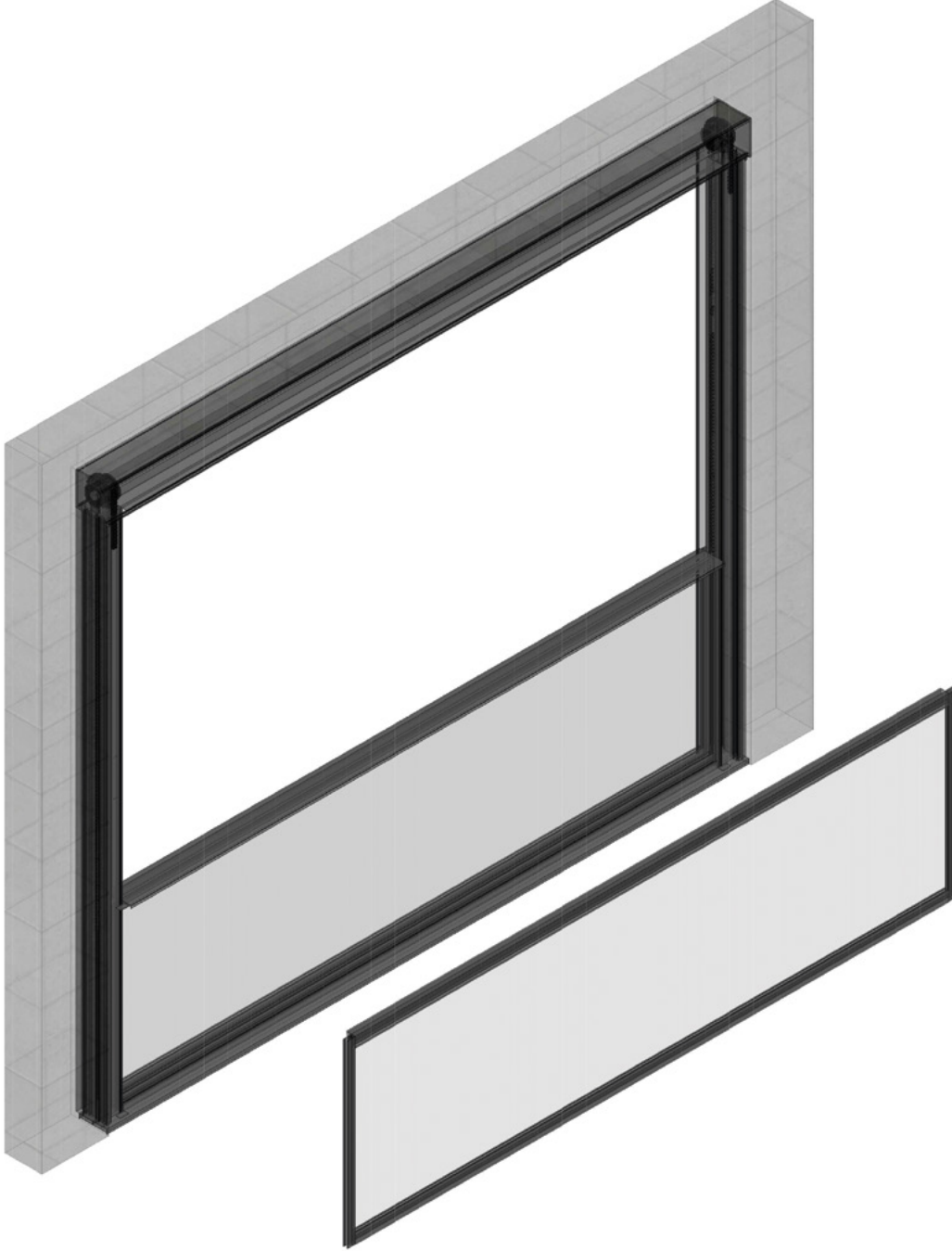


## ADIM - 7 / STEP - 7

İkinci kanalda kılavuzluk edecek olan seperatör profillerinin sisteme entegrasyonu.

Integration of separator profiles to guide the second channel

# GLO SERİSİ /SERIES

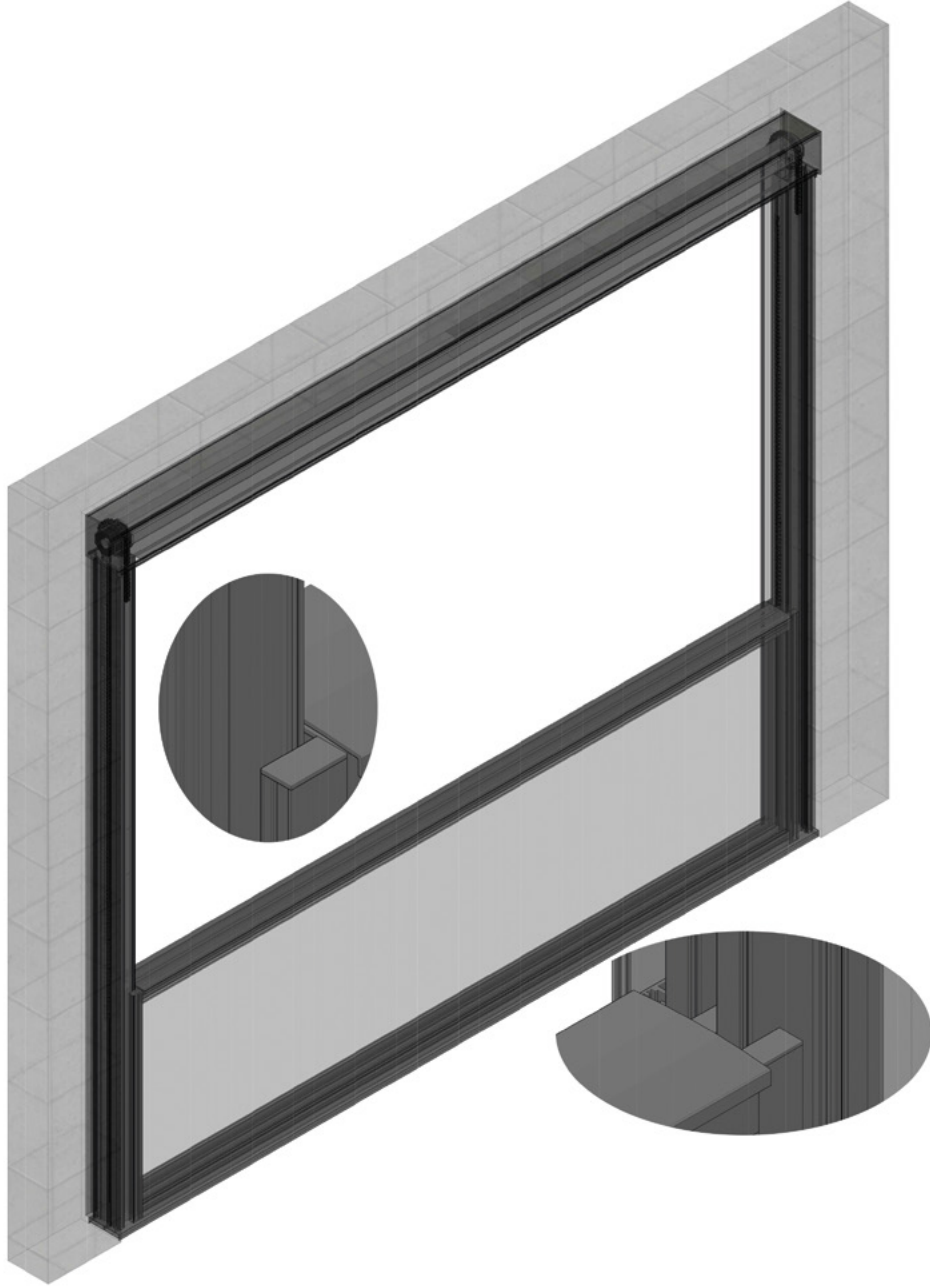


## ADIM - 8 / STEP - 8

Sistemin kapalı durumdayken en altta kalacak olan sabit kanadı bu aşamada yerleştirilir.

The fixed panel that will remain at the bottom with the system turned off is placed at this stage

# GLO SERİSİ /SERIES

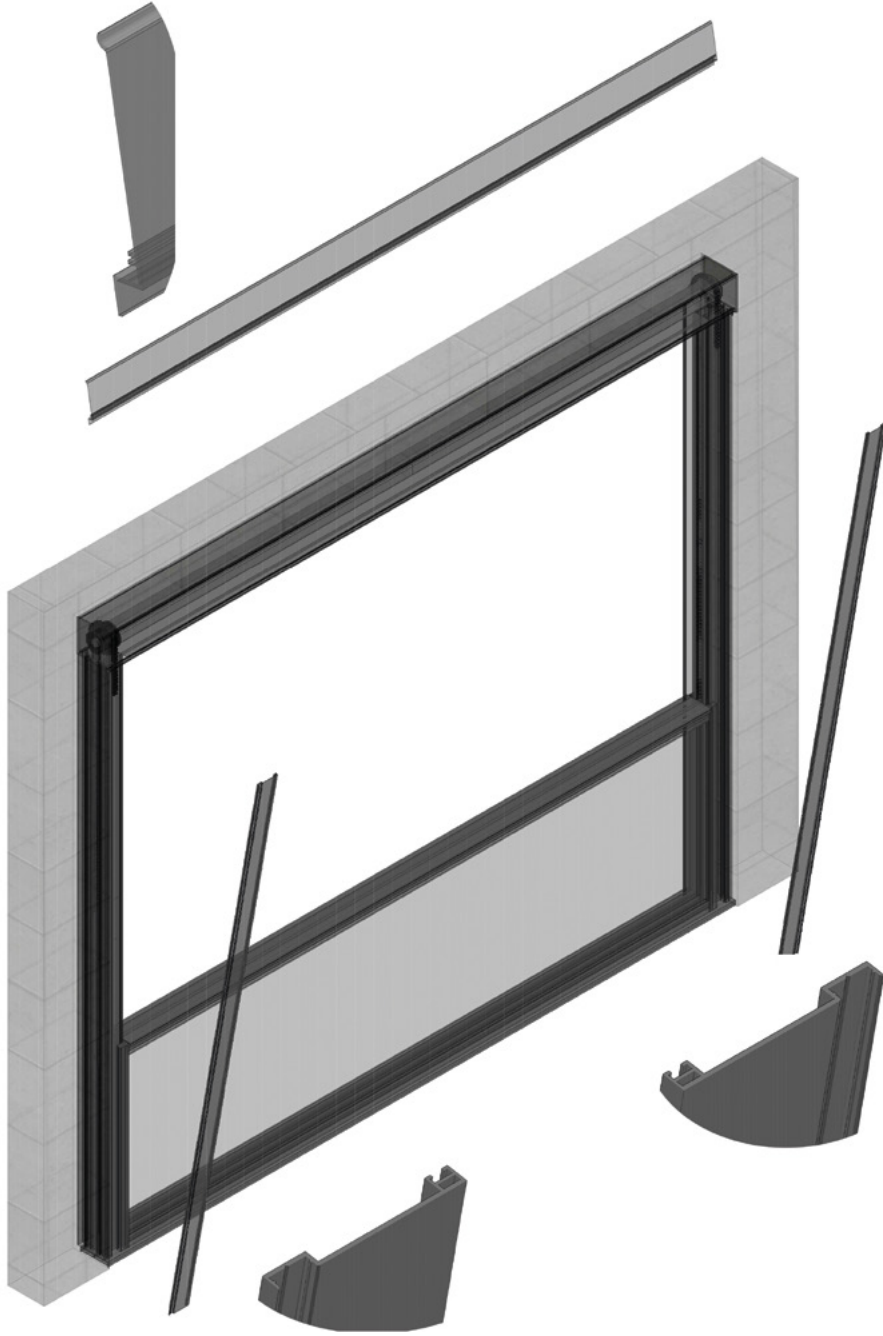


## ADIM - 8 / STEP - 8

Sabit kanadın sisteme yerleştirilmesi.

Placing the fixed panel in the system

# GLO SERİSİ /SERIES

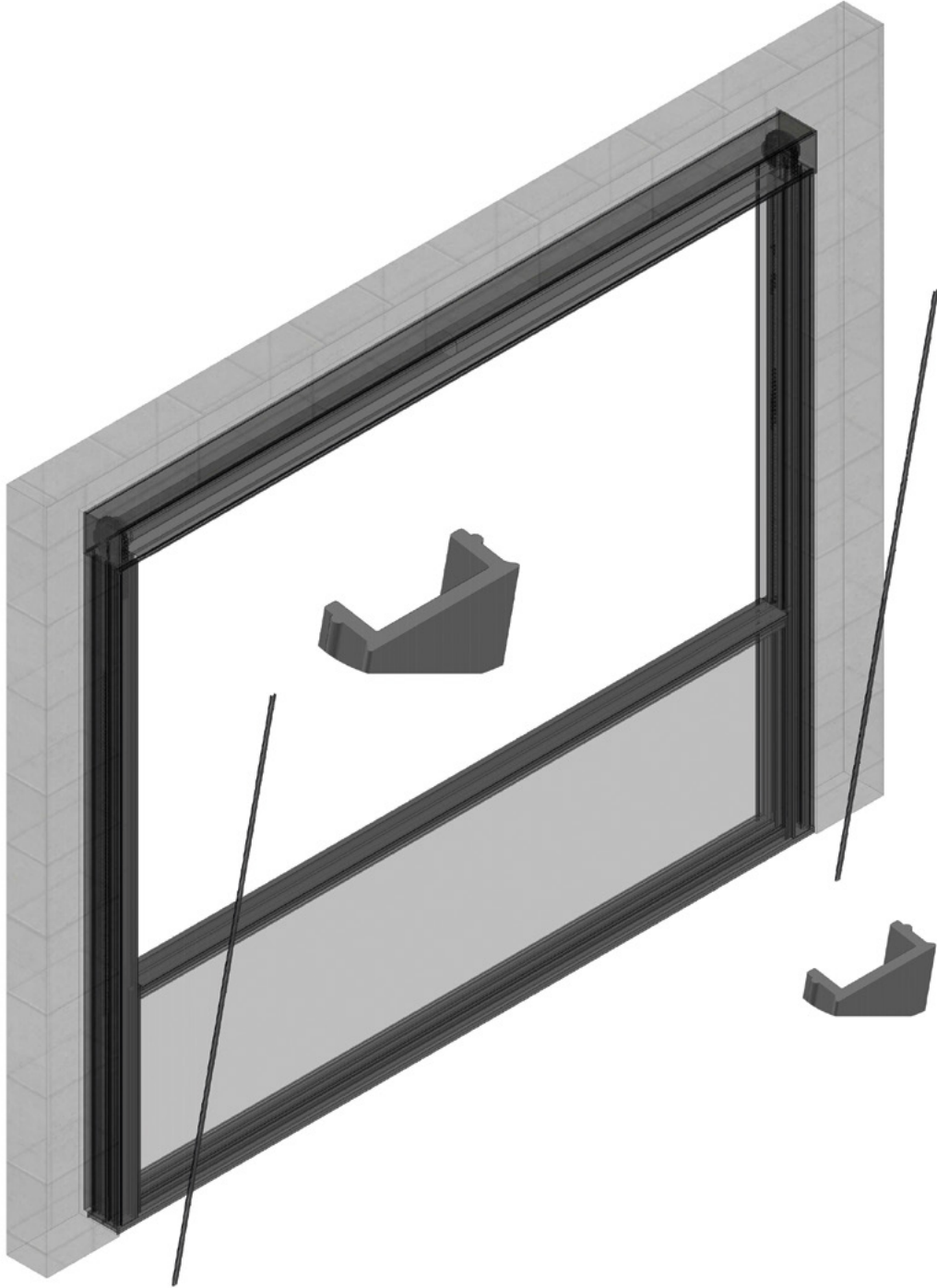


## ADIM - 9 / STEP - 9

Motor kasa kapağı motor kasasına, ray kapak profilleri ray profillerine geçirilir.

The motor case cover is switched to the engine frame, the rail cover profiles to the rail profiles

# GLO SERİSİ /SERIES

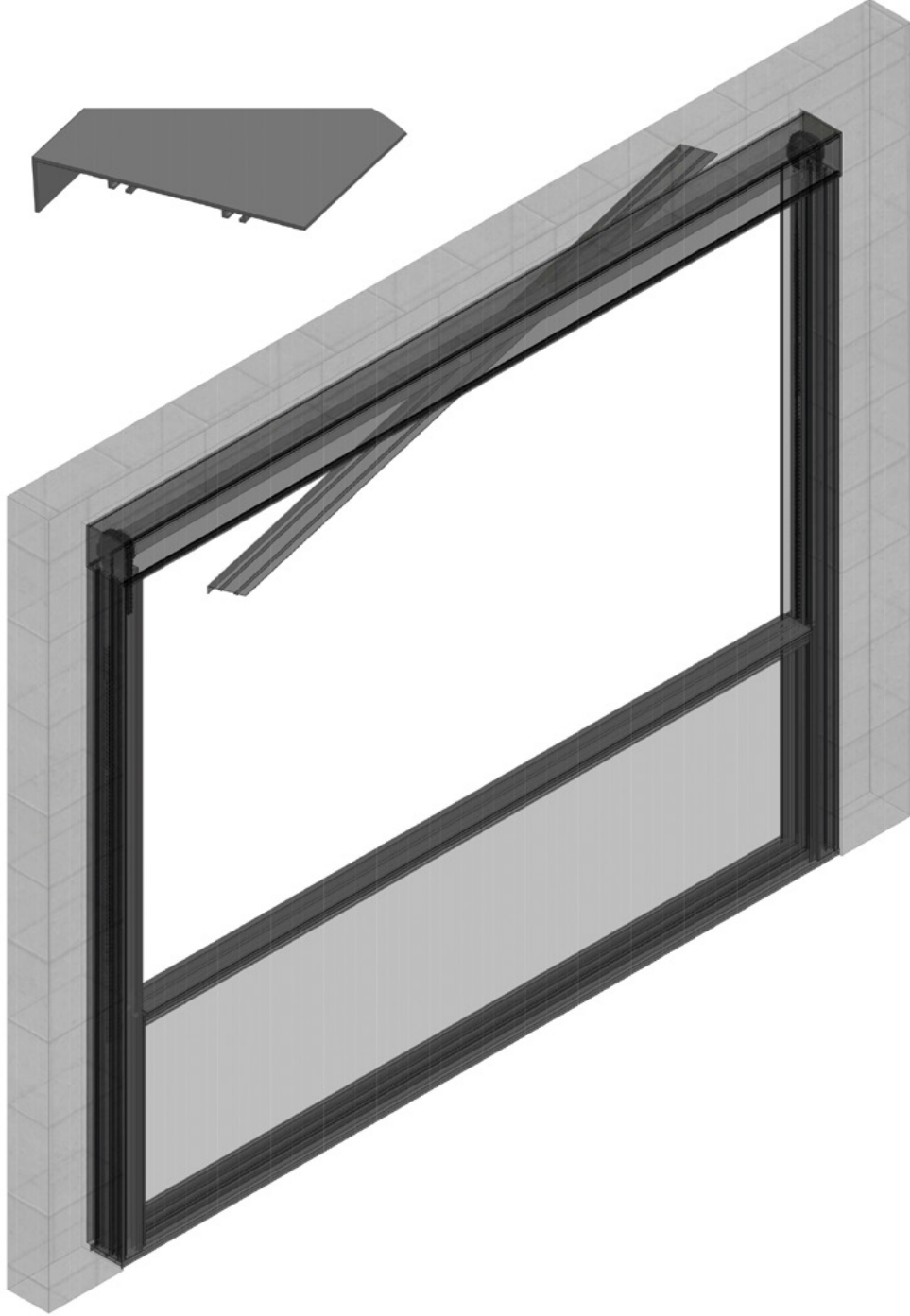


## ADIM - 10 / STEP - 10

Vida gizleme profilleri, ray kapaklarının montajında kullanılan vidaların gizlenmesi amacıyla ray kapaklarında mevcut bulunan yerlerine geçirilir.

Screw hiding profiles are placed in their existing places on the rail covers in order to hide the screws used in the assembly of the rail covers.

# GLO SERİSİ /SERIES



## ADIM - 11 / STEP - 11

Sistem kapalı durumdayken en üstteki kanadı karşılayacak olan L veya U profil motor kasasının altına monte edilir.

When the system is closed, L or U shaped profiles that will meet the top panel are mounted under the motor case.

# GLO SERİSİ /SERIES



## ADIM - 12 / STEP - 12

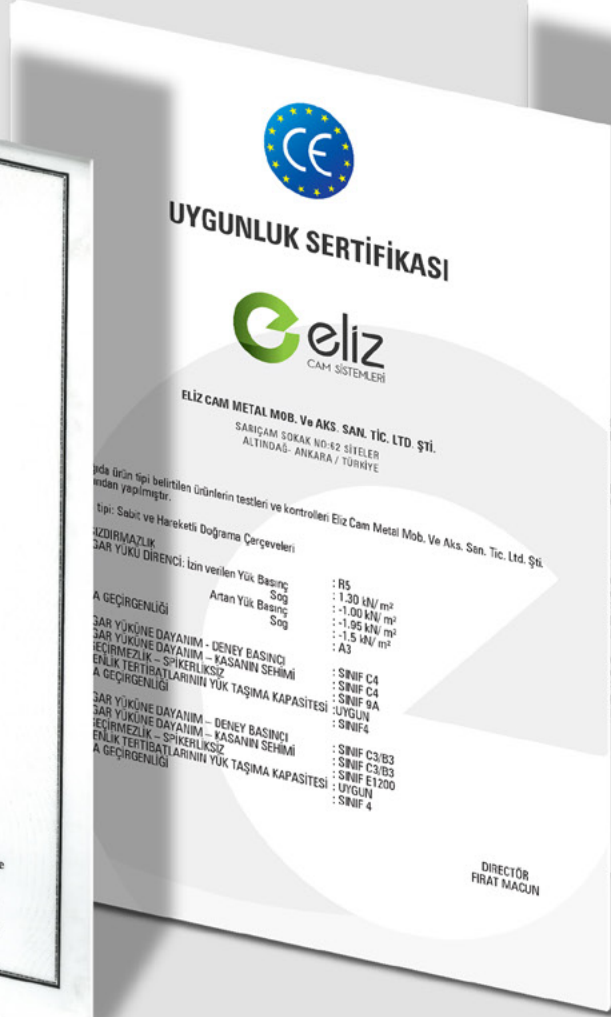
Sistem tamamen kurulduktan sonra sistemde kullanılan motorun markası ve modeline uygun olarak kumanda tanımlama ve limit belirleme işlemleri gerçekleştirilir.

After the system is completely installed, control identification and limit determination processes are carried out in accordance with the brand and model of the motor used in the system.





# GLO SERİSİ / SERIES



CONFORMITY

İZ

AN. TİC. LTD. ŞTİ.

and controls of product type that

95  
1.30 kW/m<sup>2</sup>  
1.00 kW/m<sup>2</sup>  
1.55 kW/m<sup>2</sup>  
1.5 kW/m<sup>2</sup>  
A3

CLASS C4  
CLASS C4

CONFORMING  
CLASS 4

CLASS C3 / B3  
CLASS C3 / B3

CONFORMING  
CLASS 4

DIRECTOR  
FIRAT MACUN

CERTIFICATE

CAM METAL MOBİLYA VE AKSESUARLARI  
SAN. TİC. LTD. ŞTİ.

ÖNDER MAH. KARPUZLU 1 CAD. NO: 5 ALTINDAĞ/ANKARA

**ISO 9001:2015**  
Kalite Yönetim Sistemi

"CAM BALKON KAPAMA SİSTEMLERİ, ALÜMİNYUM DOĞRAMA İMALATI FAALİYETLERİ"  
Kapsamında uygunluğunu onaylar.

04.11.2017  
30.10.2019  
03.11.2020  
3 yıl



Onay / Approved  
*[Signature]*

CERTIFICATE

CAM METAL MOBİLYA VE AKSESUARLARI  
SAN. TİC. LTD. ŞTİ.

ÖNDER MAH. KARPUZLU 1 CAD. NO: 5 ALTINDAĞ/ANKARA

**OHSAS 18001:2007**  
Occupational Health and Safety Management System

"CAM BALKON KAPAMA SİSTEMLERİ, ALÜMİNYUM DOĞRAMA İMALATI FAALİYETLERİ"  
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30.10.2019  
03.11.2020  
3 yıl



Onay / Approved  
*[Signature]*

CERTIFICATE

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SAN. TİC. LTD. ŞTİ.

ÖNDER MAH. KARPUZLU 1 CAD. NO: 5 ALTINDAĞ/ANKARA

**ISO 14001:2015**  
Çevre Yönetim Sistemi

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30.10.2019  
03.11.2020  
3 yıl



Onay / Approved  
*[Signature]*



Karpuzlu 1 Cad. No:5 Siteler Altındağ/ANKARA

**T:** 0312 353 75 71 • **F:** 0312 348 44 99

[bilgi@elizcam.com.tr](mailto:bilgi@elizcam.com.tr)