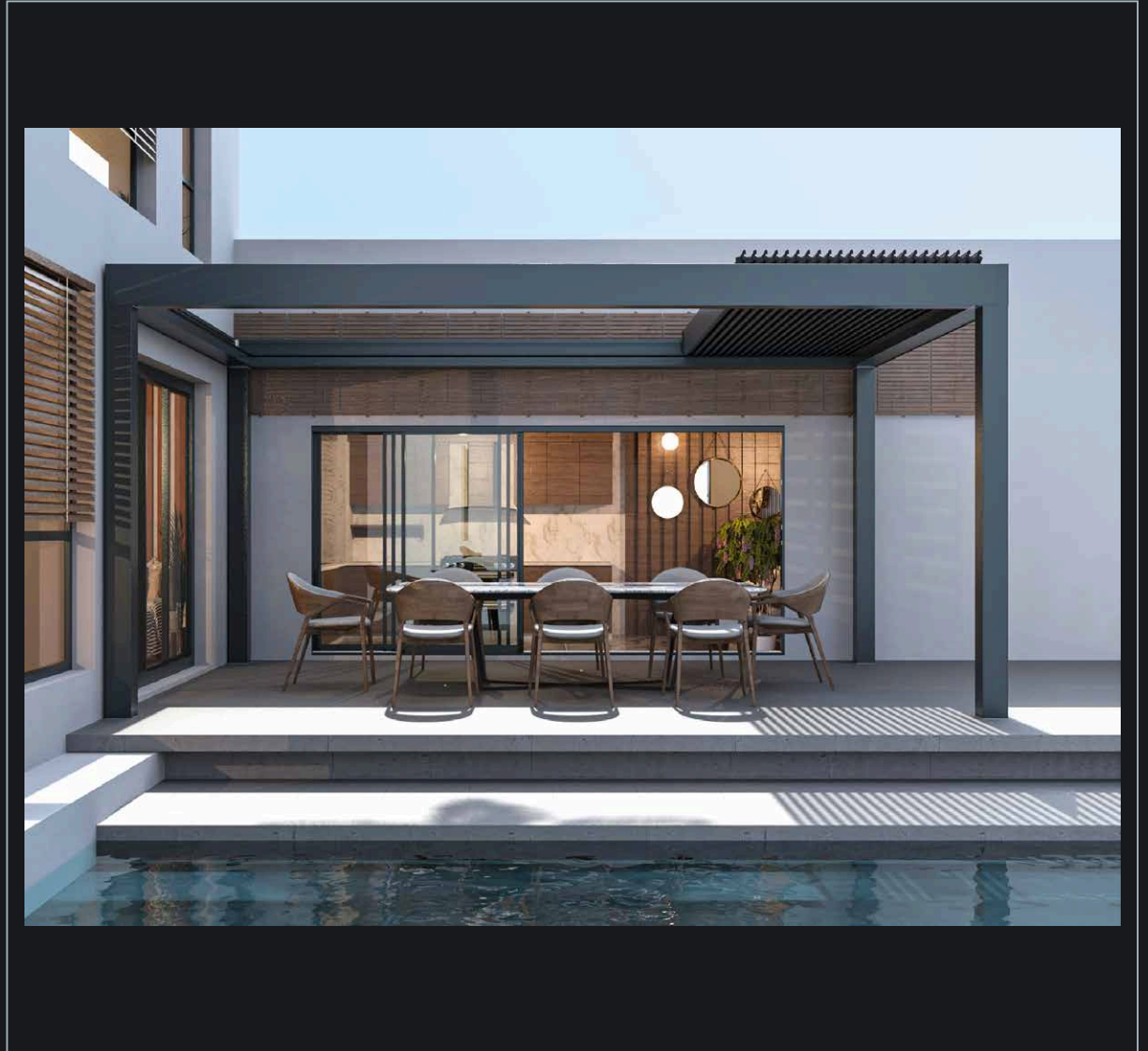


VENTO

Louvered Roof System

Bioklimatik Tavan Sistemi



6063-T6 ALUMINUM PROFILES

TECHNICAL CATALOG | MM (FEET-INCH)

VENTO

Louvered Roof System / Bioklimatik Tavan Sistemi

Adjustable roof louvers for daylight, ventilation and outdoor living.

6063-T6 ALUMINUM PROFILES

6063-T6 alüminyum profiller

DETAILS THAT SUPPORT YOUR PROJECT

System profiles, component codes and assembly details are provided in the following pages. Select the final configuration using the project drawings and confirmed site dimensions.

Sistem profilleri, bileşen kodları ve montaj detayları izleyen sayfalardadır. Nihai konfigürasyonu proje çizimleri ve doğrulanmış saha ölçüleriyle belirleyin.

6063-T6 ALUMINUM

Malzeme ve teknik okuma rehberi / Material & specification guide

PROFILE MATERIAL

Aluminum extrusions: 6063-T6. Glass, steel hardware, seals and other components retain their specified materials.

Alüminyum ekstrüzyon profiller: 6063-T6. Cam, çelik aksesuar, conta ve diğer parçalar belirtilen malzemeleriyle kullanılır.

ALLOY & TEMPER

6063 is an aluminum-magnesium-silicon alloy used for architectural extrusions. T6 denotes solution heat treatment and artificial aging.

6063, mimari profillerde kullanılan alüminyum-magnezyum-silisyum alaşımıdır. T6, çözeltiye alma ve yapay yaşlandırma durumunu tanımlar.

READING THE DRAWINGS

Profile dimensions and product codes are shown with each detail. kg/m denotes profile mass per meter; it is not a structural load rating.

Profil ölçüleri ve ürün kodları ilgili detaylarda gösterilir. kg/m, profilin metre başına kütlesidir; taşıma kapasitesi değildir.

PROJECT PERFORMANCE

Allowable spans, glazing, connections, anchors and operating limits must be selected together for the project conditions.

İzin verilen açıklık, cam, bağlantı, ankraj ve çalışma sınırları proje koşullarına göre birlikte belirlenir.

Material terminology: Hydro, 6063 alloy; thyssenkrupp, 6063 material data sheet. Product certification is separate.

BİOKLİMATİK SİSTEMLERİ

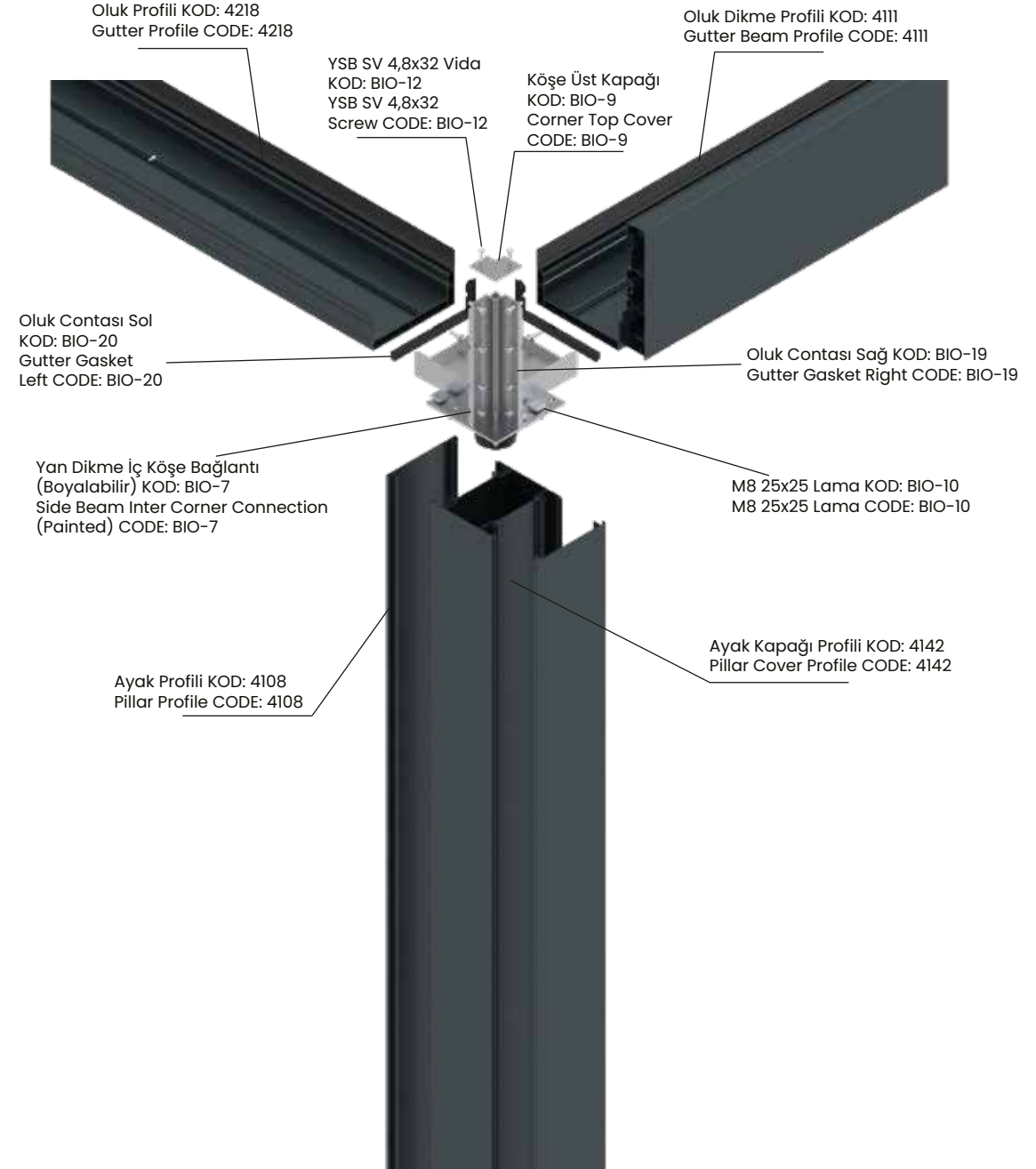
VENTO SYSTEMS

Biyoklimatik Sistem, modern mimarinin gerekliliklerini karşılayan, yüksek dayanımlı ve estetik yapısıyla dış mekânlarda **dört mevsim** konforlu kullanım imkânı sunar. Özel olarak tasarlanmış **açılır-kapanır** panelleri sayesinde **güneş ışığını, havalandırmayı ve gölgelendirmeyi** kontrol etme olanağı sağlar.

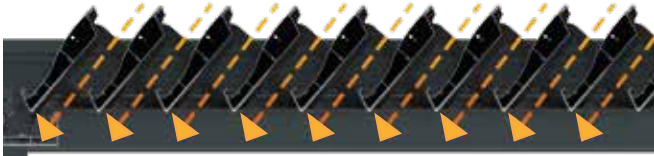
Yağmur suyu tahliye sistemi ve dayanıklı profilleriyle uzun ömürlü kullanım sunan bu sistem, doğal iklimlendirme özelliğiyle enerji verimliliği sağlar. Şık ve fonksiyonel yapısıyla **teraslar, bahçeler, kafe ve restoranlar** gibi yaşam alanlarına değer katar. Opsiyonel olarak aydınlatma, ısıtma, otomasyon ve cam kapama sistemleriyle entegre edilerek üst düzey bir yaşam konforu sunar.

The VENTO System offers year-round outdoor comfort with its high durability and aesthetic design, meeting the requirements of modern architecture. Its specially designed adjustable panels provide the ability to control sunlight, ventilation, and shading.

With its integrated **rainwater drainage system and durable profiles**, the system ensures long-lasting use while delivering natural climate control for improved energy efficiency. Its stylish and functional design adds value to living spaces such as terraces, gardens, cafés, and restaurants. Optional integrations such as lighting, heating, automation, and glass enclosure systems provide an enhanced level of living comfort.



Ortak köşe aparatı-Common corner fitting



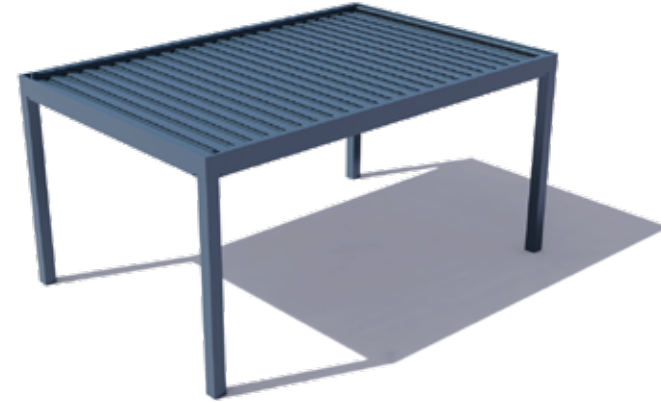
GÜNEŞ IŞIĞININ KULLANILMASINA
İZİN VERİR
ALLOWS THE USE OF SUNLIGHT



5°

YAĞMUR VEYA KAR YAĞIYOR OLSA BİLE ALANIN
HAVALANDIRMASINA İZİN VERİR.

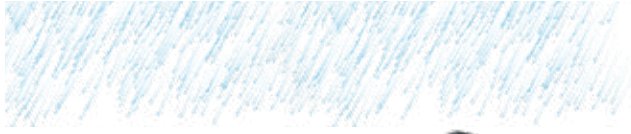
EVEN IF IT'S RAINING OR SNOWING, IT ALLOWS
FOR THE VENTILATION OF THE AREA.



0°

LAMELLERİN KAPALI KALMASI HER TÜRLÜ
HAVA KOŞULUNDAN KORUMA SAÇLAR.

THE SLATS REMAINING CLOSED PROVIDES PROTECTION
FROM ALL WEATHER CONDITIONS.



YAĞMUR SUYU DRENAJ SİSTEMİ

BİOKLİMATİK SİSTEMLER, YAĞMUR SUYUNU TOPLAYACAK ŞEKİLDE TASARLANMIŞTIR. SU, PANELLERDEN OLUKLARA YÖNLENDİRİLİR. TOPLANAN SU DİKME PROFİLİNİN İÇİNDEN DIŞARIYA AKTARILIR. YAĞMUR SUYUNUN DIŞARI AKTARILMASI İÇİN OLUK PROFİLİNE VE DİKME PROFİLİNE KERTME İŞLEMİ UYGULANIR



PANEL SU TOPLANIŞI
PANEL WATER COLLECTION

OLUK SU YÖNÜ
GUTTER WATER DIRECTION

SUYUN İNİŞ YÖNÜ
DIRECTION OF WATER FLOW



RAINWATER DRAINAGE SYSTEM

THE VENTO SYSTEMS ARE DESIGNED TO COLLECT RAINWATER. THE WATER IS DIRECTED FROM THE PANELS TO THE GUTTERS. THE COLLECTED WATER IS TRANSFERRED TO THE OUTSIDE THROUGH THE VERTICAL PROFILE. TO FACILITATE THE DISCHARGE OF RAINWATER, A NOTCH PROCESS IS APPLIED TO BOTH THE GUTTER PROFILE AND THE VERTICAL PROFILE.



DİKME
PILLAR

SUYUN İNİŞ YÖNÜ
DIRECTION OF WATER FLOW

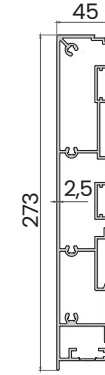
SUYUN ÇIKIŞI
WATER OUTLET

Bioklimatik Sistemleri Ortak Profiller / VENTO Systems Common Profiles (CASTOR GOLD,VEGA SILVER,CAPELLA,DIAMOND)



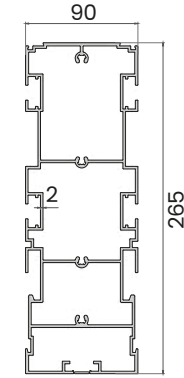
OLUK DIKME PROFİLİ/ GUTTER BEAM PROFILE

Ürün Kodu / Product Code	4111
Ağırlık / Weight	5,721 kg/m



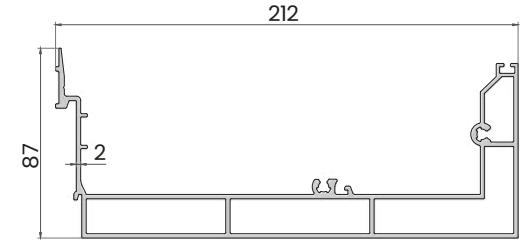
ORTA OLUK DIKME PROFİLİ/ MIDDLE GUTTER BEAM PROFILE

Ürün Kodu / Product Code	4120
Ağırlık / Weight	7,366 kg/m



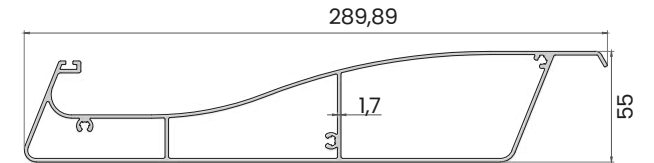
OLUK PROFİLİ / GUTTER PROFILE

Ürün Kodu / Product Code	4218
Ağırlık / Weight	3,940 kg/m

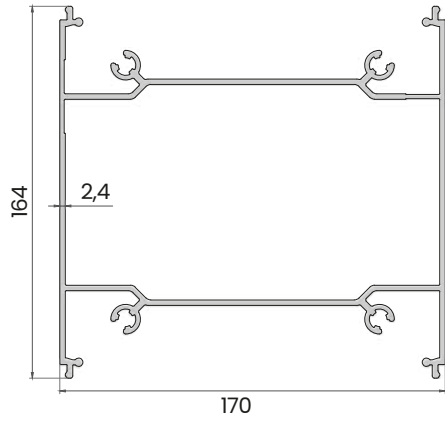


PANEL PROFİLİ/PANEL PROFILE

Ürün Kodu / Product Code	4109
Ağırlık / Weight	3,553 kg/m



Bioklimatik Sistemleri Ortak Profiller / VENTO Systems Common Profiles (CASTOR GOLD, VEGA SILVER, CAPELLA, DIAMOND)



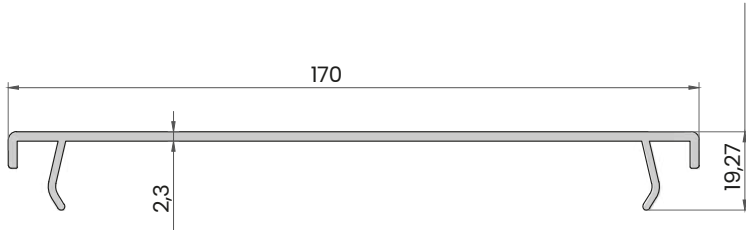
AYAK PROFİLİ / PILLAR PROFILE

Ürün Kodu / Product Code

4108

Ağırlık / Weight

5,368 kg/m



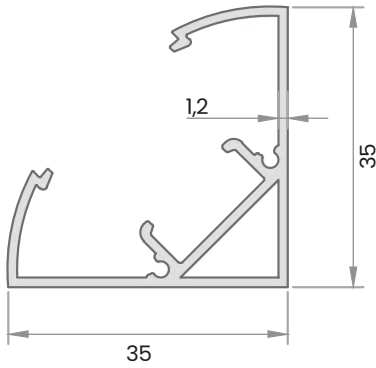
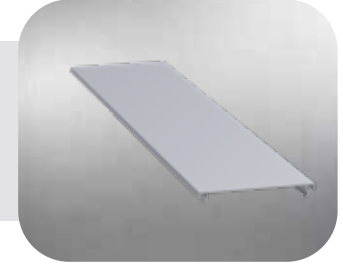
AYAK KAPAGI PROFİLİ / PILLAR COVER PROFILE

Ürün Kodu / Product Code

4122

Ağırlık / Weight

1,309 kg/m



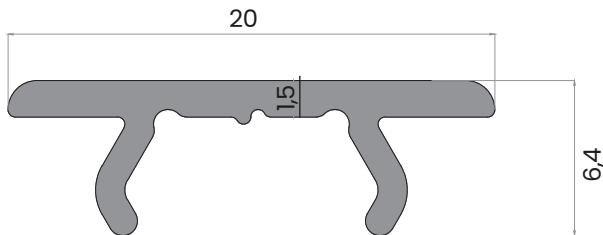
LED PROFİLİ / LED PROFILE

Ürün Kodu / Product Code

2953

Ağırlık / Weight

0,445 kg/m



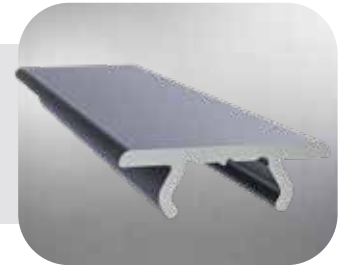
OLUK DİKMESİ KAPAĞI / GUTTER POST COVER

Ürün Kodu / Product Code

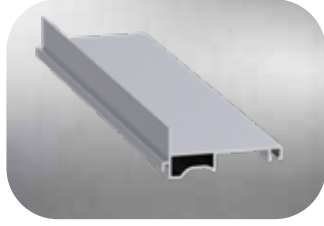
4699

Ağırlık / Weight

0,111 kg/m

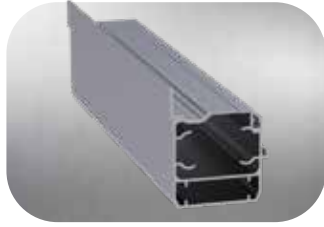
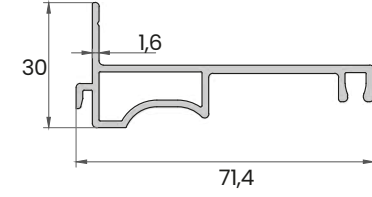


Castor Gold (Makaslı) Sistem Profilleri / Castor Gold (Scissors) System Profiles (CASTOR GOLD, VEGA SILVER, CAPELLA, DIAMOND)



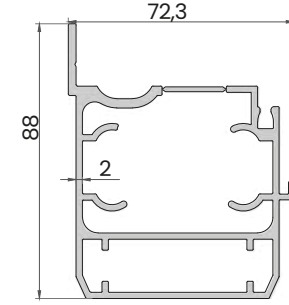
TEKER ÜST KAPAK PROFİLİ / RAIL COVER PROFILE

Ürün Kodu / Product Code	4128
Ağırlık / Weight	0,724 kg/m



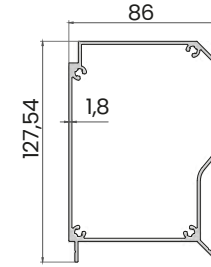
RAY PROFİLİ / RAIL PROFILE

Ürün Kodu / Product Code	4113
Ağırlık / Weight	2,439 kg/m



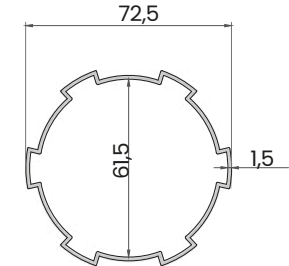
MOTOR KUTUSU PROFİLİ / MOTOR BOX PROFILE

Ürün Kodu / Product Code	4110
Ağırlık / Weight	2,317 kg/m



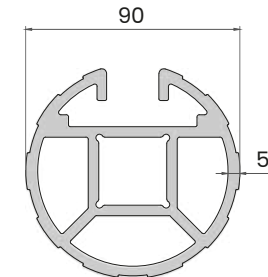
MOTOR TÜP BORUSU PROFİLİ / MOTOR TUBE PROFILE

Ürün Kodu / Product Code	37115
Ağırlık / Weight	0,992 kg/m

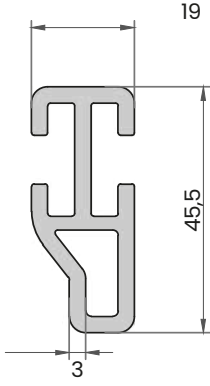


SAFT PROFİLİ / SHAFT PROFILE

Ürün Kodu / Product Code	4115
Ağırlık / Weight	1,417 kg/m



Vega Silver (Tiltli) Sistem Profilleri/Vega Silver (Tilt) System Profiles



TILT TAHRIK PROFİLİ /TILT DRIVE PROFILE

Ürün Kodu / *Product Code*

4118

Ağırlık / *Weight*

1,501 kg/m



Capella (Şanzımanlı) Sistem Profilleri / Capella (With Transmission) System Profiles



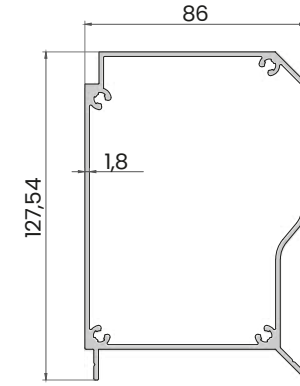
MOTOR KUTUSU PROFİLİ / MOTOR BOX PROFILE

Ürün Kodu / Product Code

4110

Ağırlık / Weight

2,317 kg/m



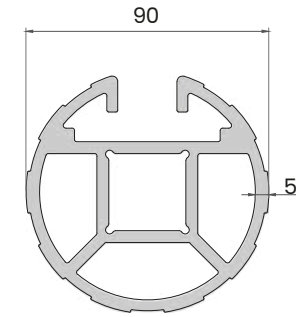
SAFT PROFİLİ / SHAFT PROFILE

Ürün Kodu / Product Code

4115

Ağırlık / Weight

1,417 kg/m



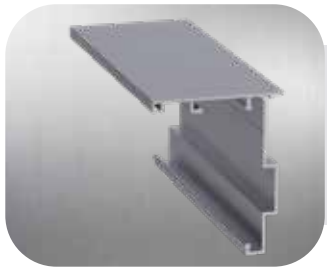
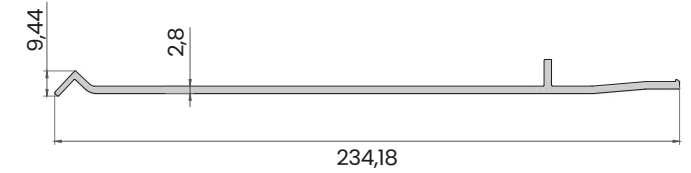
OLUK KAPAK ÖN PROFİLİ / GUTTER COVER FRONT PROFILE

Ürün Kodu / Product Code

4124

Ağırlık / Weight

1,862 kg/m



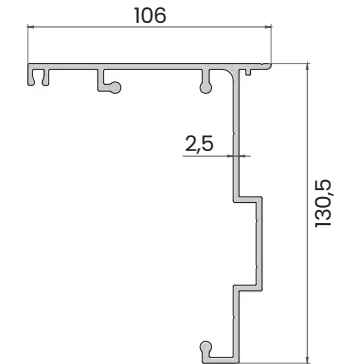
SANZIMAN RAY PROFİLİ / GEARBOX RAIL PROFILE

Ürün Kodu / Product Code

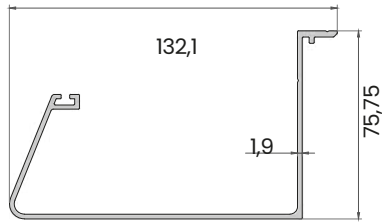
4123

Ağırlık / Weight

2,228 kg/m



Capella (Şanzımanlı) Sistem Profilleri / Capella (With Transmission) System Profiles



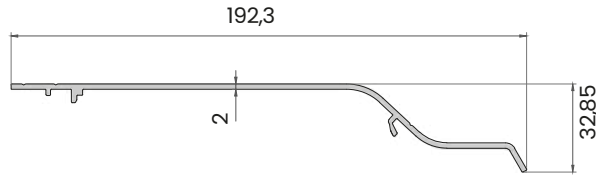
ARKA SABIT PANEL OLUK PROFİLİ / REAR FIXED PANEL GUTTER PROFILE

Ürün Kodu / Product Code

4125

Ağırlık / Weight

1,442 kg/m



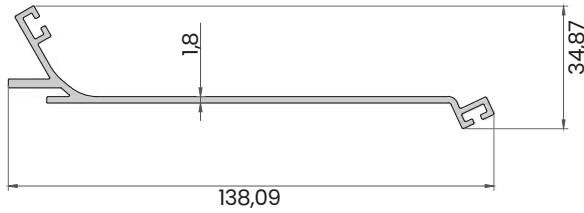
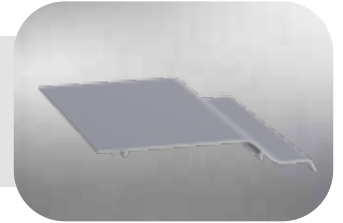
MOTOR YÖNÜ SABIT PANEL KAPAK PROFİLİ / FIXED PANEL COVER PROFILE WITH MOTOR DIRECTION PROFILE

Ürün Kodu / Product Code

4114

Ağırlık / Weight

1,190 kg/m



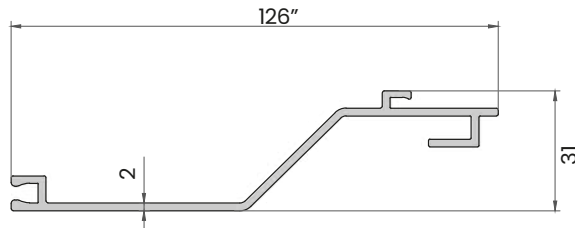
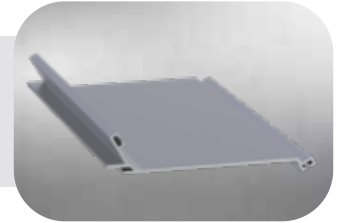
HAREKETLİ OLUK PROFİLİ / MOVABLE GUTTER PROFILE

Ürün Kodu / Product Code

4126

Ağırlık / Weight

0,962 kg/m



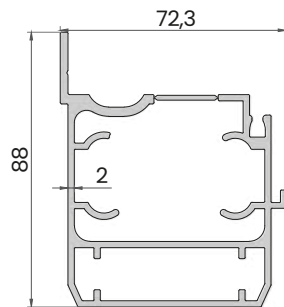
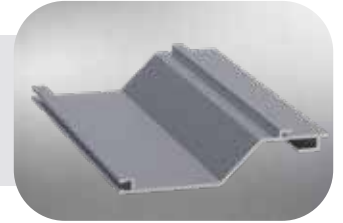
ALT FIRÇA PROFİLİ / BOTTOM BRUSH PROFILE

Ürün Kodu / Product Code

4127

Ağırlık / Weight

0,973 kg/m



RAY PROFİLİ / RAIL PROFILE

Ürün Kodu / Product Code

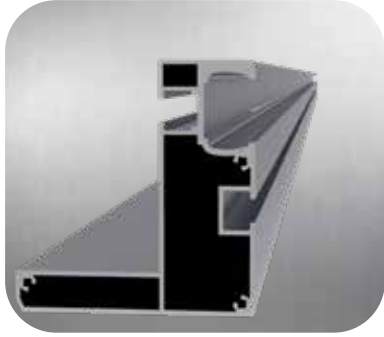
4113

Ağırlık / Weight

2,439 kg/m



Diamond (C Kanallı) Sistem Profilleri / Diamond (C Channel) System Profiles



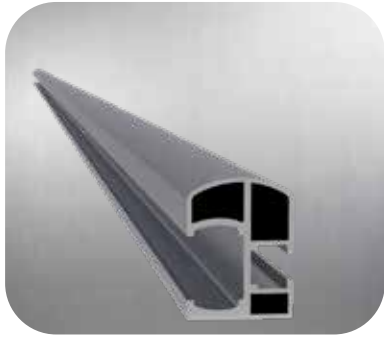
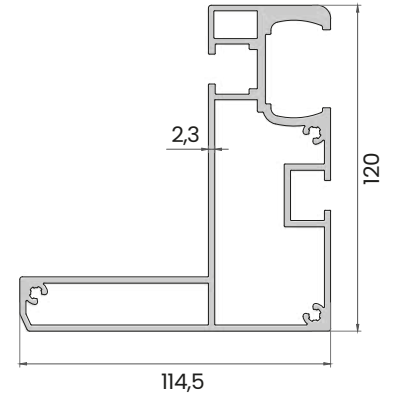
İÇ RAY PROFİLİ / INNER RAIL PROFILE

Ürün Kodu / Product Code

4151

Ağırlık / Weight

3,862 kg/m



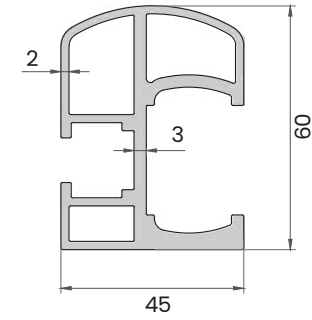
C KANAL PROFİLİ / C CHANNEL PROFILE

Ürün Kodu / Product Code

4152

Ağırlık / Weight

1,810 kg/m



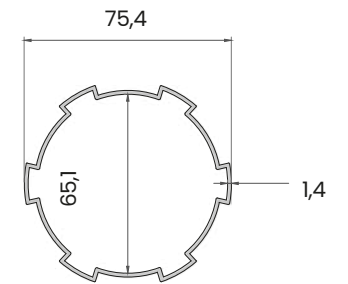
MOTOR BORUSU PROFİLİ / MOTOR TUBE PROFILE

Ürün Kodu / Product Code

5312

Ağırlık / Weight

1,000 kg/m



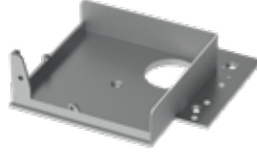
Bioklimatik Sistemleri Ortak Aksesuarlar / VENTO Systems Common Accessories (Castor Gold, Vega Silver, Capella, Diamond)

Orta Ray Tekerî ve Teker Mafsalı
Middle Rail Wheel and Wheel Hinge



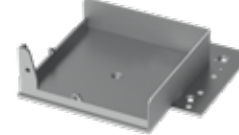
Kod/Code BIO-17
Miktar/Piece 1 PCS

Ayak Üst Bağlantı Aparatı (Boyanabilir)
Pillar Top Connection Apparatus (Paintable)



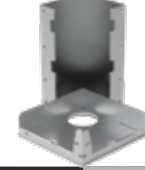
Kod/Code BIO-6
Miktar/Piece 1 PCS

Ayak Üst Bağlantı Aparatı Su Çıkışsız
Leg Upper Connection Apparatus Without Water Outlet



Kod/Code BIO-6-1
Miktar/Piece 1 PCS

Köşe Birleşim Üst Bağlantı (Boyanabilir)
Corner Joint Top Connection (Paintable)



Kod/Code BIO-16
Miktar/Piece 1 PCS

Köşe Birleşim Üst Bağlantı Su Çıkışsız
(Boyanabilir)
Corner Joint Top Connection Without Water Outlet (Paintable)



Kod/Code BIO-16-1
Miktar/Piece 1 PCS

Orta Birleşim Köşe Aparatı
Middle Connection Corner Apparatus



Kod/Code BIO - 67
Miktar/Piece 1 PCS

Ortak Birleşim Köşe Aparatı Su Çıkışsız
(Boyanabilir)
Corner Joint Apparatus Without Water Outlet (Paintable)



Kod/Code BIO - 67-1
Miktar/Piece 1 PCS

Orta Birleşim Profil Bağlantı Aparatı
Middle Connection Profile Connection Apparatus



Kod/Code BIO-68
Miktar/Piece 1 PCS

Dörtlü Sistem Ayak Köşe Bağlantı Aparatı
Quad System Pillar Corner Connection Bracket



Kod/Code BIO-70
Miktar/Piece 1 PCS

Dörtlü Sistem Ayak Köşe Bağlantı Aparatı
Su Çıkışsız
Quad System Pillar Corner Connection Bracket Without Water Outlet



Kod/Code BIO-70-1
Miktar/Piece 1 PCS

Dörtlü Sistem Ayak Üst Bağlantı Aparatı
Quad System Pillar Top Connection Plate



Kod/Code BIO-71
Miktar/Piece 1 PCS

Dörtlü Şase İkili Profil Uç Kapama Saçısı
Quad Chassis Binary Profile End Closure Plate



Kod/Code BIO-75
Miktar/Piece 1 PCS

Köşe Üst Kapağı
Corner Top Cover



Kod/Code BIO-9
Miktar/Piece 1 PCS

Yan Dikme İç Köşe Bağlantı (Boyanabilir)
Side Beam Inter Corner Connection (Painted)



Kod/Code BIO-7
Miktar/Piece 1 PCS

Dörtlü Şase İkili Profil Uç Kapama Saçısı
Quad Chassis Binary Profile End Closure Plate



Kod/Code BIO-8
Miktar/Piece 1 PCS

Orta Ray Bağlantı Lazeri
Middle Rail Connection Laser



Kod/Code BIO-G17-1
Miktar/Piece 1 PCS

Bioklimatik Sistemleri Ortak Aksesuarlar / VENTO Systems Common Accessories (Castor Gold, Vega Silver, Capella, Diamond)

Gizli Duvar Bağlantı Aparatı
Hidden Wall Connection Apparatus



Kod/Code BIO-72
Miktar/Piece 1 PCS

Duvar Bağlantı Aparatı
Wall Connection Apparatus



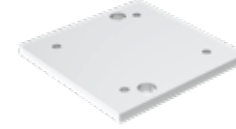
Kod/Code BIO-73
Miktar/Piece 1 PCS

Alt Duvar Bağlantı Aparatı
Lower Wall Connection Apparatus



Kod/Code BIO-74
Miktar/Piece 1 PCS

Gizli Yer Bağlantı Aparatı
Hidden Place Connection Apparatus



Kod/Code BIO-18
Miktar/Piece 1 PCS

Oluk Contası / Sağ
Gutter Gasket / Right



Kod/Code BIO-19
Miktar/Piece 1 PCS

Oluk Contası / Sol
Gutter Gasket / Left



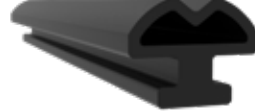
Kod/Code BIO-20
Miktar/Piece 1 PCS

Oluk Fitiği
Gutter Seal



Kod/Code BIO-26
Miktar/Piece 1 PCS

Panel Fitiği
Panel Wick



Kod/Code BIO-25
Miktar/Piece 1 PCS

T10-16mm Triger Kayışı
T10-16mm Timing Belt



Kod/Code PRG-105
Miktar/Piece 1 PCS

75'lik Süzgeçli Su Gideri
75 mm Water Drainage With Sieve



Kod/Code KIS-08Y
Miktar/Piece 1 PCS

Şase Sızdırmazlık Contası Sağ
Chassis Sealing Gasket Right



Kod/Code BIO-81-1
Miktar/Piece 1 PCS

Şase Sızdırmazlık Contası Sol
Chassis Sealing Gasket Left



Kod/Code BIO-81
Miktar/Piece 1 PCS

Şase Sızdırmazlık Orta Ray
Contası Sağ
Chassis Sealing Middle Rail Gasket Right



Kod/Code BIO-82-1
Miktar/Piece 1 PCS

Şase Sızdırmazlık Orta Ray
Contası Sol
Chassis Sealing Middle Rail Gasket Left



Kod/Code BIO-81
Miktar/Piece 1 PCS

LED Köşe Plastği
LED Corner Plastic



Kod/Code ROLL-24
Miktar/Piece 1 PCS

Difüzör Kapağı
LED Lighting Cover



Kod/Code BIO-35
Miktar/Piece 1 PCS

Kumanda
Remote Control



Kod/Code RTS-IO-KM1-5
Miktar/Piece 1 PCS

İzoleli LED Günişği
Isolated LED Daylight



Kod/Code PAL-145
Miktar/Piece 1 PCS

YHB 4,8x38 Vida
YHB 4,8x38 Screw



Kod/Code BIO-11
Miktar/Piece 1 PCS

HB 08x35 Cıvata
HB 08x35 Bolt



Kod/Code BIO-13
Miktar/Piece 1 PCS

Castor Gold (Makaslı) Sistem Aksesuarları / Castor Gold (Scissors) System Accessories

Makaslı Ray Takımı
Scissors Rail Set



Kod/Code BIO-1
Miktar/Piece 1 PCS

Makaslı Motor Takımı
Scissors Motor Set



Kod/Code BIO-2
Miktar/Piece 1 PCS

Makaslı Teker Takımı
Scissors Wheel Set



Kod/Code BIO-3
Miktar/Piece 1 PCS

Motor Kutusu Shaft
Motor Box Shaft



Kod/Code BIO-31
Miktar/Piece 1 PCS

Panel Kapağı Sağ
Panel Cover Right



Kod/Code BIO-4
Miktar/Piece 1 PCS

Panel Kapağı Sol
Panel Cover Left



Kod/Code BIO-5
Miktar/Piece 1 PCS

Uzun Makas Lamasi
Long Scissors Lama



Kod/Code BIO-21
Miktar/Piece 1 PCS

Kısa Makas Lamasi
Short Scissors Lama



Kod/Code BIO-22
Miktar/Piece 1 PCS

Tubular Motor
Tubular Motor



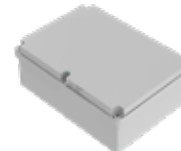
Kod/Code RTS-120
Miktar/Piece 1 PCS

Kil Fırça
Brush



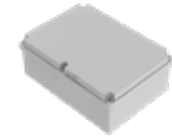
Kod/Code BIO-24
Miktar/Piece 1 PCS

Aydınlatma Kutusu Somfy
(Trafo + Dimmer)
Lighting Box Somfy (Transformer + Dimmer)



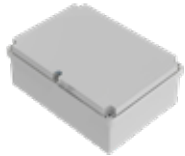
Kod/Code BIO-32
Miktar/Piece 1 PCS

Aydınlatma Ünitesi Güneşiği
(Trafo + Dimmer + Kumanda)
Lighting Unit Daylight
(Transformer + Dimmer + Control)



Kod/Code BIO-33
Miktar/Piece 1 PCS

Ayak Üst Bağlantı Aparatı (Boyandırılabilir)
Pillar Top Connection Apparatus (Paintable)



Kod/Code BIO-34
Miktar/Piece 1 PCS

Motor Switch Bileziği
Motor Switch Ring



Kod/Code PRG-151
Miktar/Piece 1 PCS

Somfy Motor Braketi
Somfy Motor Bracket



Kod/Code PAL-140
Miktar/Piece 1 PCS

Giyotin Somfy Motor Aparatı
Guillotine Somfy Motor Apparatus



Kod/Code GYT-26-1
Miktar/Piece 1 PCS

Castor Gold (Makaslı) Sistem Aksesuarları / Castor Gold (Scissors) System Accessories

Makas Segmanı
Scissors Ring



Kod/Code BIO-27
Miktar/Piece 1 PCS

M8X12 İmbus Civata
M8X12 Allen Bolt



Kod/Code BIO-15
Miktar/Piece 1 PCS

M8x20 İmbus Civata
M8x20 Allen Bolt



Kod/Code BIO-54
Miktar/Piece 1 PCS

YSB SV 4,8x32 Vida
YSB SV 4,8x32 Screw



Kod/Code BIO-12
Miktar/Piece 1 PCS

YSB 3,9x16 Vida
YSB 3,9x16 Screw



Kod/Code BIO-28
Miktar/Piece 1 PCS

M8x16 AKB Civata
M8x16 AKB Bolt



Kod/Code BIO-29
Miktar/Piece 1 PCS

M8 25x25 Lama
M8 25x25 Lama



Kod/Code BIO-10
Miktar/Piece 1 PCS

M8 PUL
M8 Washer



Kod/Code BIO-55
Miktar/Piece 1 PCS

Vega Silver (Tiltli) Sistem Aksesuarları/ Vega Silver (Tilt) System Accessories

Motor Grubu
Motor Set



Kod/Code BIO-36
Miktar/Piece 1 PCS

PANEL TAHRİK GRUBU
Panel Drive Set



Kod/Code BiO-37
Miktar/Piece 1 PCS

Panel Kapağı – Sağ
Panel Cover – Right



Kod/Code BIO-38
Miktar/Piece 1 PCS

Panel Kapağı – Sol
Panel Cover – Left



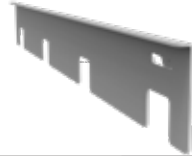
Kod/Code BIO-39
Miktar/Piece 1 PCS

Motor Panel Mili
Motor Panel Shaft



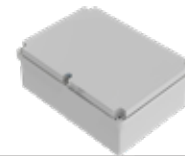
Kod/Code BIO-43
Miktar/Piece 1 PCS

Plastik Ayar Mesafe Şablonu
Plastic Adjustment Distance Template



Kod/Code BiO-G78
Miktar/Piece 1 PCS

Aydınlatma Kutusu Somfy
(Trafo + Dimmer)
Lighting Box Somfy (Transformer + Dimmer)



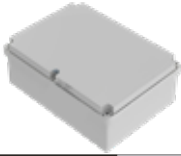
Kod/Code BIO-62
Miktar/Piece 1 PCS

Aydınlatma Ünitesi Günişığı
(Trafo + Dimmer + Kumanda)
Lighting Unit Daylight
(Transformer + Dimmer + Control)



Kod/Code BIO-63
Miktar/Piece 1 PCS

Ayak Üst Bağlantı Aparatı (Boyanabilir)
Pillar Top Connection Apparatus (Paintable)



Kod/Code BIO-64
Miktar/Piece 1 PCS

M8 Pul
M8 Washer



Kod/Code BIO-42
Miktar/Piece 1 PCS

M8 25x25 Lama
M8 25x25 Lama



Kod/Code BIO-10
Miktar/Piece 1 PCS

M8x20 Imbus Civata
M8x20 Allen Bolt



Kod/Code BIO-54
Miktar/Piece 1 PCS

M8x12 Imbus Civata
M8x12 Imbus Bolt



Kod/Code BIO-15
Miktar/Piece 1 PCS

YHB 4,8x18 Vida
YHB 4,8x18 Screw



Kod/Code BIO-11
Miktar/Piece 1 PCS

M8x25 Imbus Civata
M8x25 Allen Bolt



Kod/Code BIO-41
Miktar/Piece 1 PCS

M6x30 Imbus Civata
M6x30 Allen Bolt



Kod/Code BIO-14
Miktar/Piece 1 PCS

Capella (Şanzımanlı) Sistem Aksesuarları/ Capella (With Transmission) System Profiles

Makaslı Ray Takımı
Scissors Rail Set



Kod/Code BIO-1
Miktar/Piece 1 PCS

Sanzımanlı Motor Takımı
Transmission Motor Set



Kod/Code BIO-42
Miktar/Piece 1 PCS

Sanzıman
Transmission



Kod/Code BIO-43
Miktar/Piece 1 PCS

Dişli Kutusu
Gear Box



Kod/Code BIO-44
Miktar/Piece 1 PCS

Soft Mili Karşı Yatak Bağlama Aparatı
Shaft Coupling Apparatus



Kod/Code BIO-45
Miktar/Piece 1 PCS

Motor Kutusu Shaft
Motor Box Shaft



Kod/Code BIO-31
Miktar/Piece 1 PCS

Hareketli Oluk Yayı
Movable Gutter Spring



Kod/Code BIO-46
Miktar/Piece 1 PCS

Altı Köşe Mil
Hex Shaft



Kod/Code BIO-47
Miktar/Piece 1 PCS

Panel Kapağı Sağ
Panel Cover Right



Kod/Code BIO-48
Miktar/Piece 1 PCS

Panel Kapağı Sol
Panel Cover Left



Kod/Code BIO-49
Miktar/Piece 1 PCS

Kıl Fırça
Brush



Kod/Code BIO-24
Miktar/Piece 1 PCS

YSB 3,9x16 Vida
YSB 3,9x16 Screw



Kod/Code BIO-2
Miktar/Piece 1 PCS

M6x16 Inbus Cıvata
M6x16 Inbus Bolt



Kod/Code BIO-3
Miktar/Piece 1 PCS

3,9x13 Akıllı Vida
3,9x13 Self Drilling Screw



Kod/Code BIO-4
Miktar/Piece 1 PCS

M8x16 Akb Cıvata
M8x16 Akb Bolt



Kod/Code BIO-5
Miktar/Piece 1 PCS

Diamond (C-Kanallı) Sistem Aksesuarları/ Diamond (C-Channel) System Accessories (CASTOR GOLD,VEGA SILVER,CAPELLA,DIAMOND)

Piston Motor Grubu
Piston Motor Set



Kod/Code BIO-44
Miktar/Piece 1 PCS

Motor Grubu
Motor Set



Kod/Code BIO-45
Miktar/Piece 1 PCS

Ray Teker Grubu
Rail Wheel Set



Kod/Code BIO-46
Miktar/Piece 1 PCS

Panel Kapağı - Sağ
Panel Cover - Right



Kod/Code BIO-48
Miktar/Piece 1 PCS

Panel Kapağı - Sol
Panel Cover - Left



Kod/Code BIO-49
Miktar/Piece 1 PCS

Düz Motor (TAURUS)
Flat Motor (TAURUS)



Kod/Code PAL-138 SOMFY
120 NM
Miktar/Piece 1 PCS

Makas Lazeri (Boyanabilir)
Scissor Laser (Paintable)



Kod/Code BIO-76
Miktar/Piece 1 PCS

Makas Lazeri Kısa (Boyanabilir)
Makas Lazeri Kısa (Boyanabilir)



Kod/Code BIO-78
Miktar/Piece 1 PCS

Makas Sabitleme Pimi (Boyanabilir)
Scissor Fixing Pin (Paintable)



Kod/Code BIO-79
Miktar/Piece 1 PCS

Panel Pimi
Panel Pin



Kod/Code BIO-50
Miktar/Piece 1 PCS

Somfy Motor Braketi
Somfy Motor Bracket



Kod/Code PAL-140
Miktar/Piece 1 PCS

Motor Dip Plastığı Motor Boru Aparatı
Motor Bottom Plastic Motor Pipe Adapter



Kod/Code PRG-18
Miktar/Piece 1 PCS

Mafsalsı Laması
Hinge Leaf



Kod/Code BIO-57
Miktar/Piece 1 PCS

M10 Mafsalsı Cıvatası
M10 Hinge Bolt



Kod/Code BIO-58
Miktar/Piece 1 PCS

Panel Mesafe Ayar Şablonu
Panel Spacing Adjustment Template



Kod/Code BIO-77
Miktar/Piece 1 PCS

Çelik Tel Mafsalsı
Steel Wire Hinge



Kod/Code BIO-60
Miktar/Piece 1 PCS

Diamond (C-Kanallı) Sistem Aksesuarları/ Diamond (C-Channel) System Accessories

M6x12 Setskur
M6x12 Setscrew



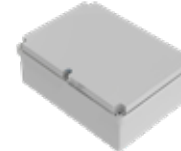
Kod/Code PAL-111
Miktar/Piece 1 PCS

5mm İzoleli Çelik Halat
5mm Insulated Steel Rope



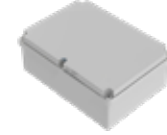
Kod/Code PAL-149
Miktar/Piece 1 PCS

Aydınlatma Kutusu Somfy
(Trafo + Dimmer)
Lighting Box Somfy (Transformer + Dimmer)



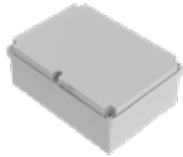
Kod/Code BIO-62
Miktar/Piece 1 PCS

Aydınlatma Ünitesi Güneşli
(Trafo + Dimmer + Kumanda)
Lighting Unit Daylight
(Transformer + Dimmer + Control)



Kod/Code BIO-63
Miktar/Piece 1 PCS

Ayak Üst Bağlantı Aparatı (Boyanabilir)
Pillar Top Connection Apparatus (Paintable)



Kod/Code BIO-64
Miktar/Piece 1 PCS

Makas Segmanı
Scissor Clip



Kod/Code BIO-27
Miktar/Piece 1 PCS

14'lük Mil Segmanı
14 mm Shaft Ring



Kod/Code BIO-56
Miktar/Piece 1 PCS

17x17 M10 Kaynak Somunu
17x17 M10 Weld Nut



Kod/Code BIO-59
Miktar/Piece 1 PCS

M8 Pul
M8 Washer



Kod/Code BIO-55
Miktar/Piece 1 PCS

M6 Pul
M6 Washer



Kod/Code BIO-53
Miktar/Piece 1 PCS

M8 25x25 Lama
M8 25x25 Lama



Kod/Code BIO-10
Miktar/Piece 1 PCS

YSB 4,8x18 Vida
YSB 4,8x18 Screw



Kod/Code BIO-12
Miktar/Piece 1 PCS

Ø36 RULMANLI TEKER
Ø36 BEARING WHEEL



Kod/Code BIO-51
Miktar/Piece 1 PCS

M6x30 Imbus Civata
M6x30 Allen Bolt



Kod/Code BIO-14
Miktar/Piece 1 PCS

M8x12 Imbus Civata
M8x12 Allen Bolt



Kod/Code BIO-15
Miktar/Piece 1 PCS

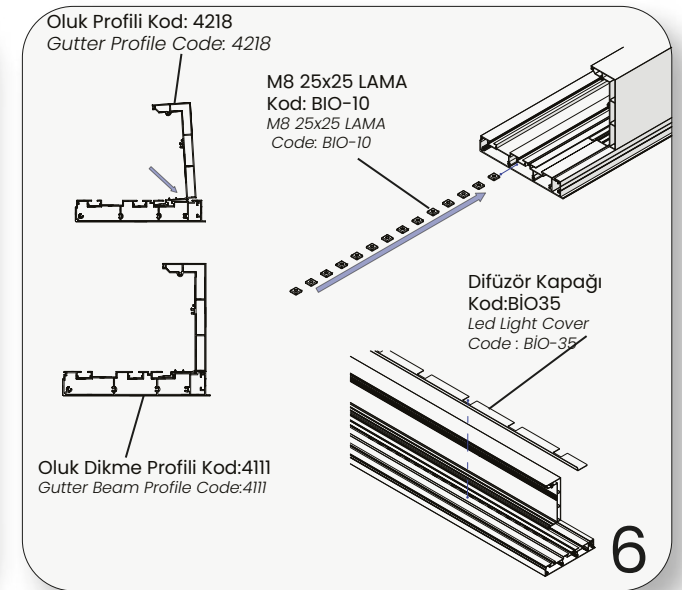
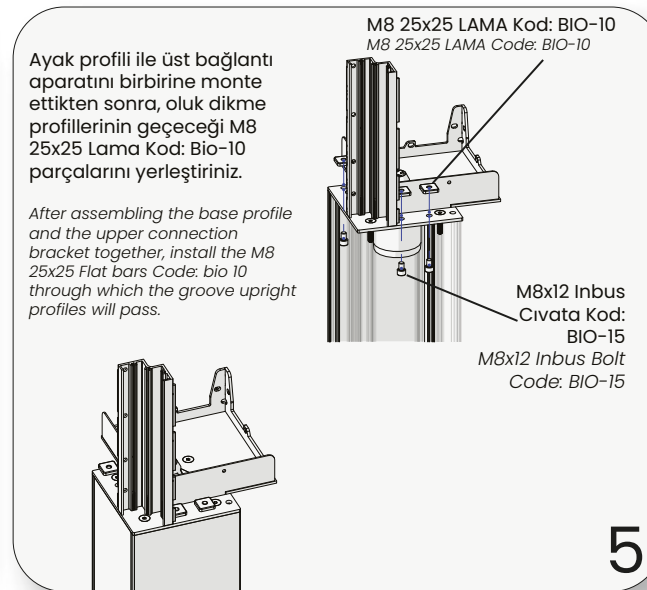
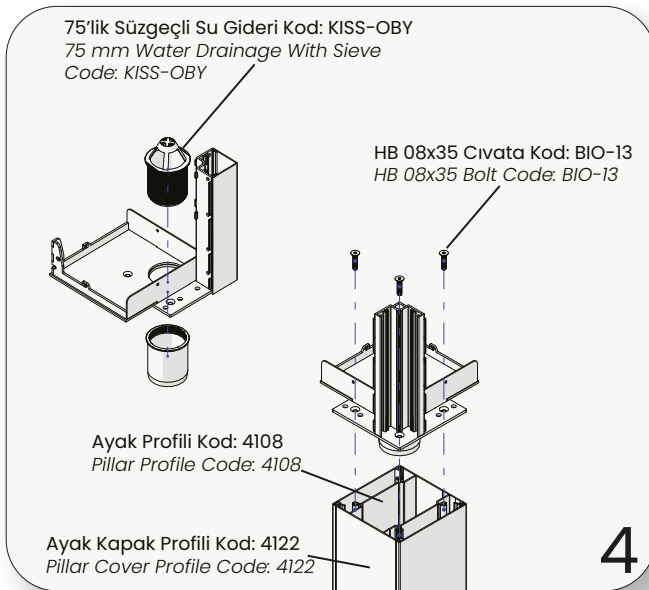
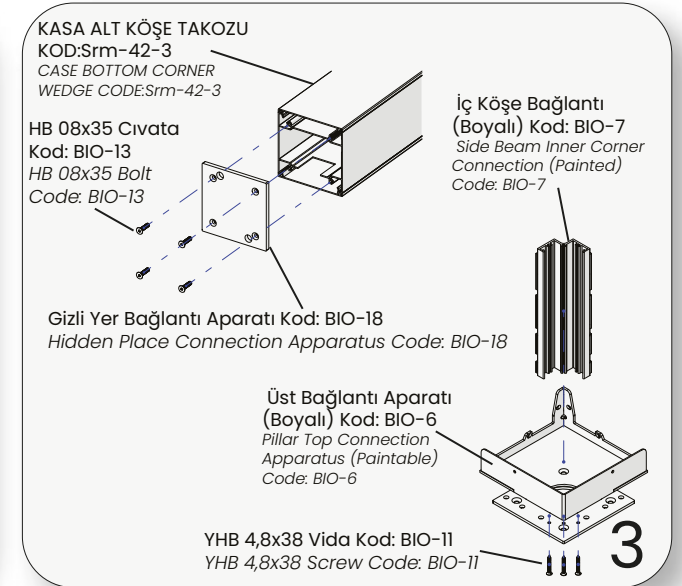
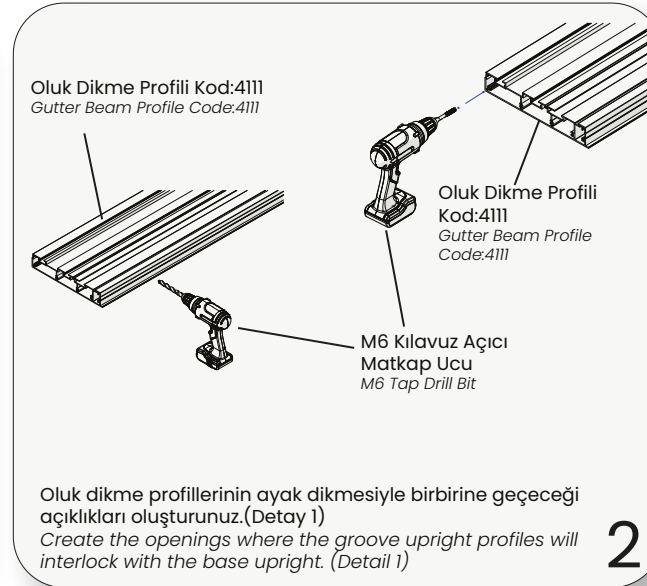
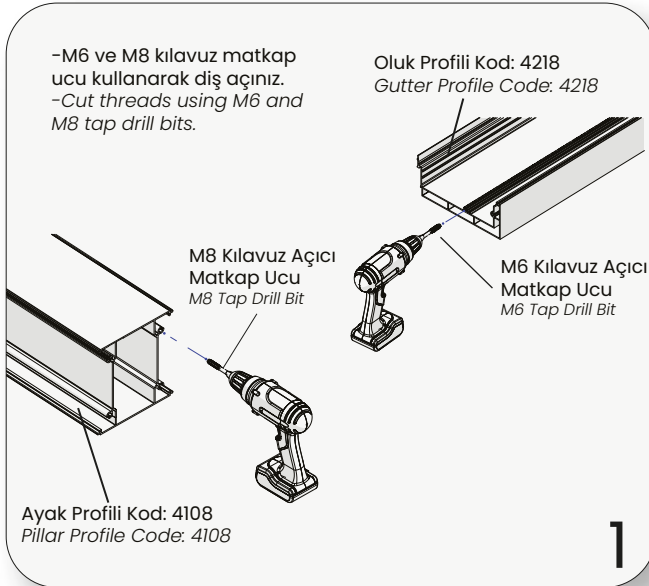
M8x12 Imbus Civata
M8x12 Allen Bolt



Kod/Code BIO-15
Miktar/Piece 1 PCS

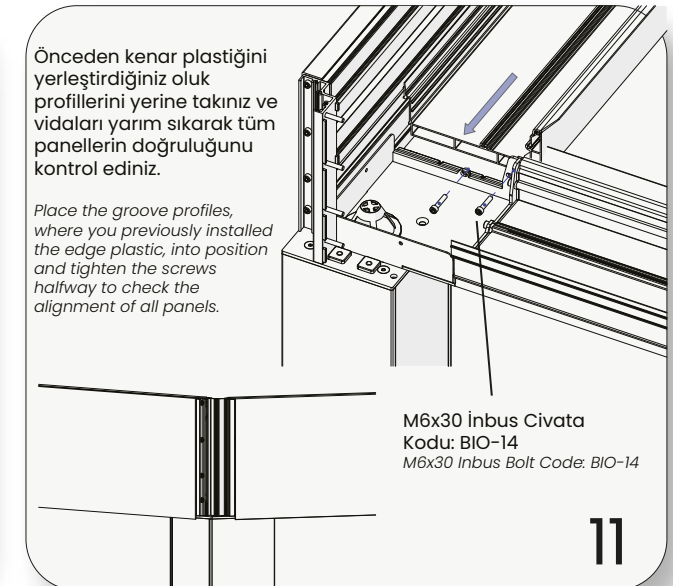
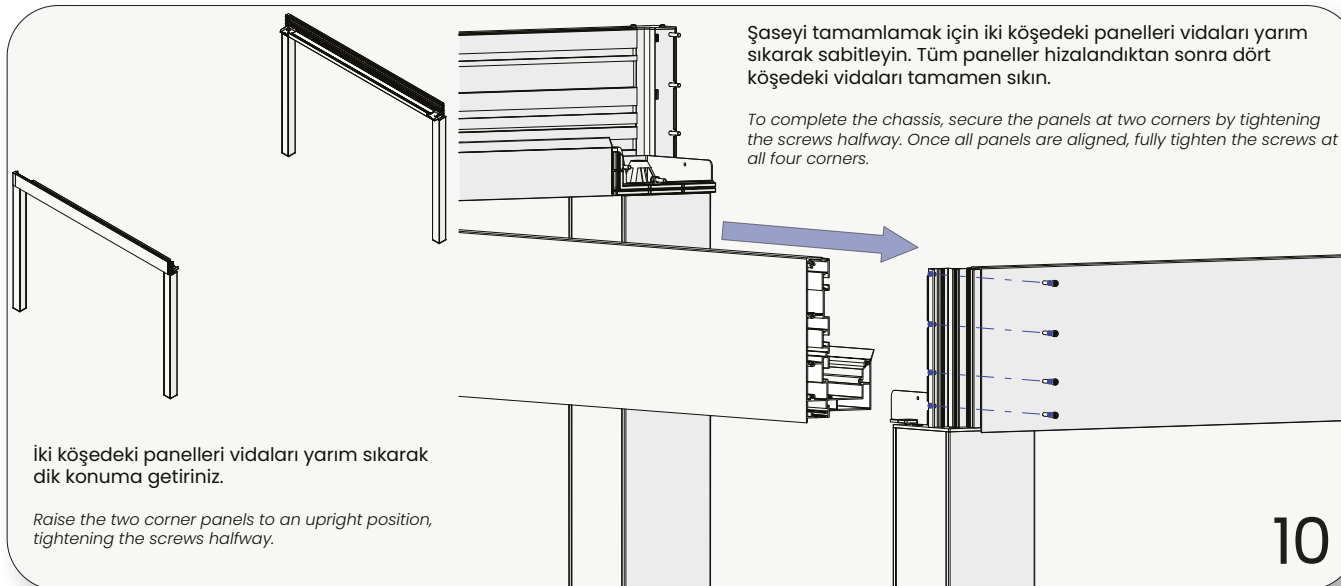
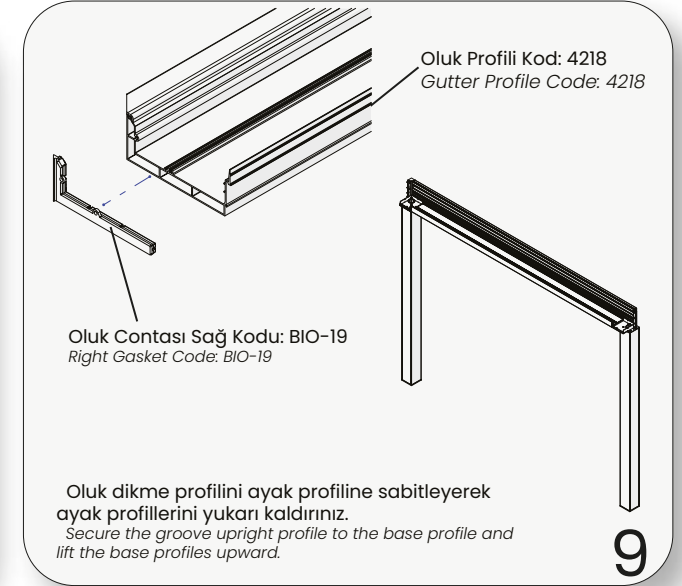
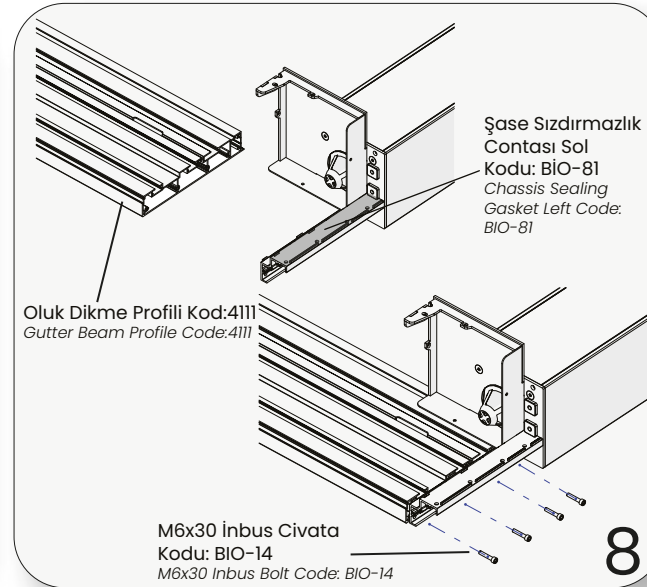
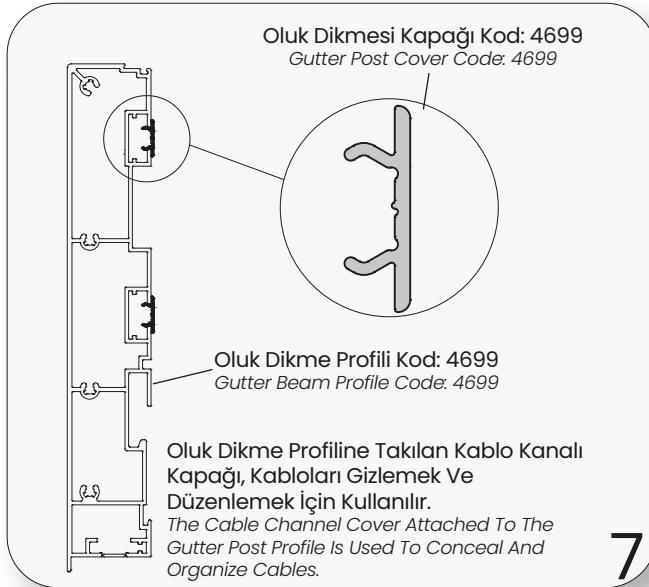
Bioklimatik Genel Şase Montaj Şeması / VENTO Main Chassis Assembly Diagram

(CASTOR GOLD,VEGA SILVER,CAPELLA,DIAMOND)



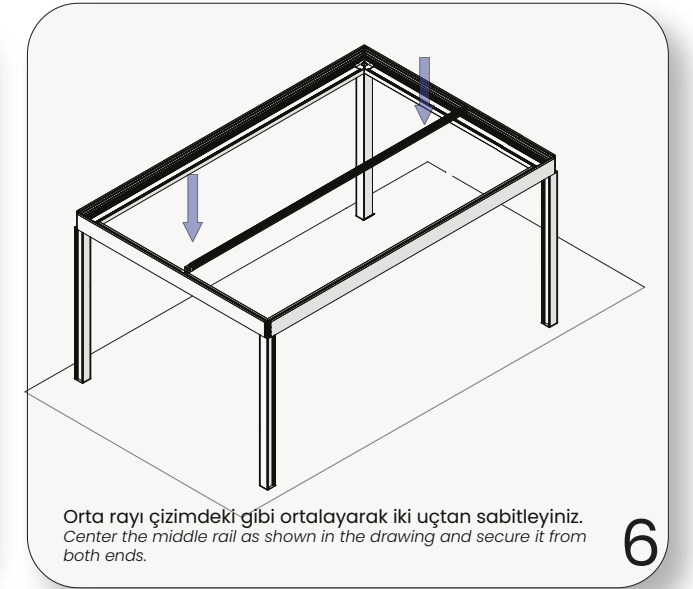
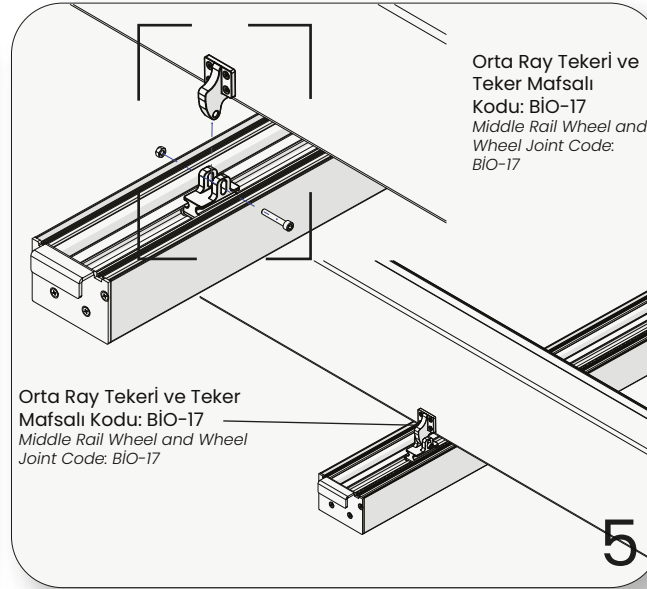
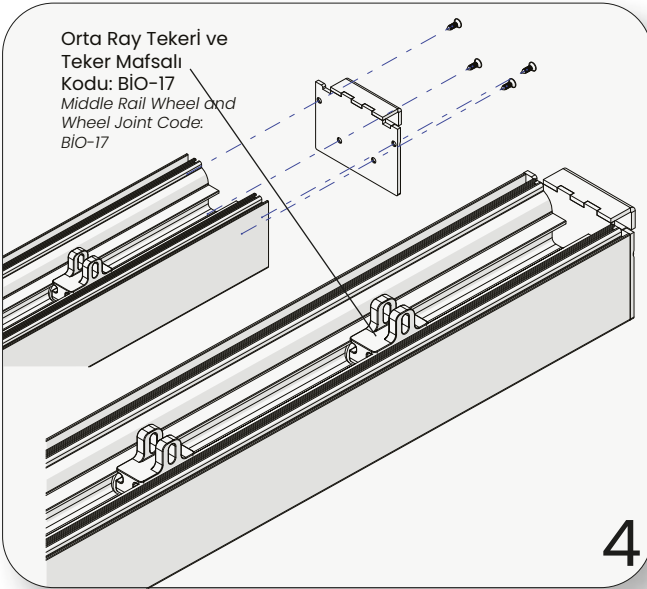
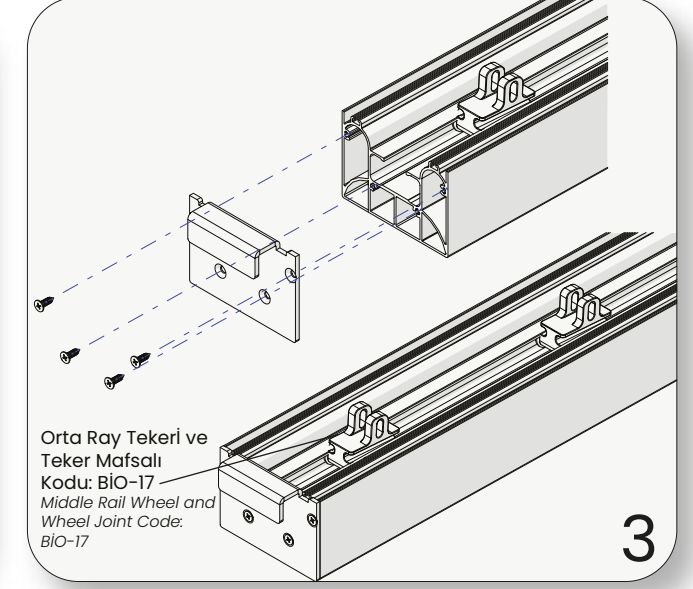
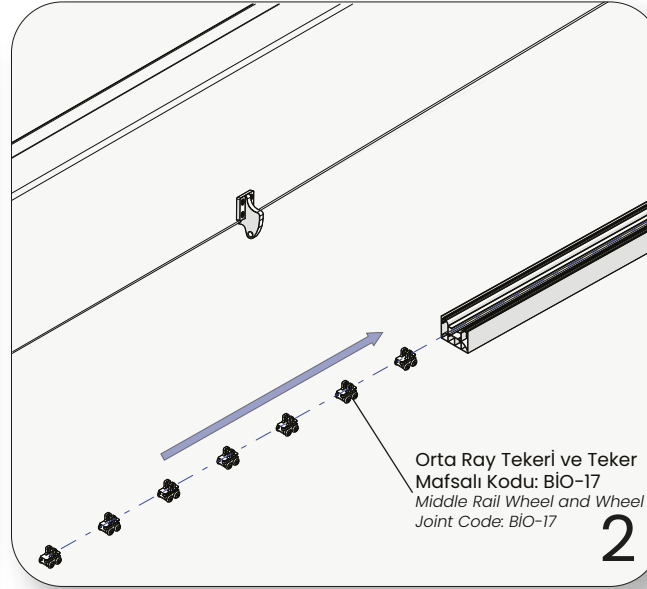
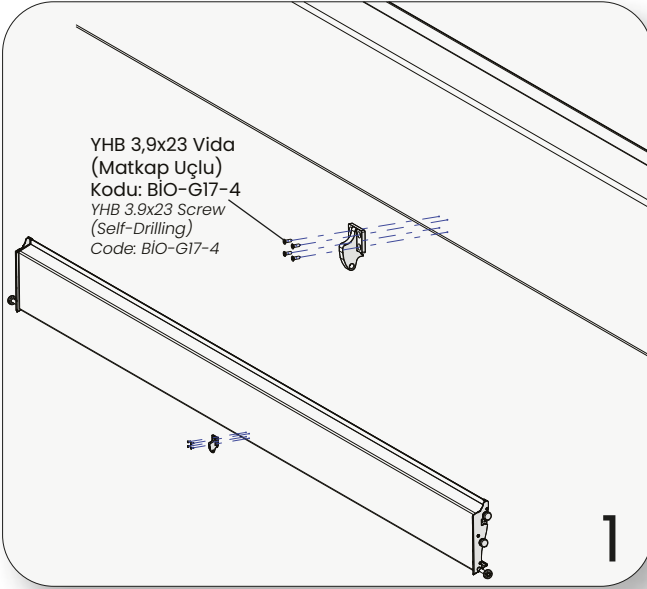
Bioklimatik Genel Şase Montaj Şeması / VENTO Main Chassis Assembly Diagram

(CASTOR GOLD,VEGA SILVER,CAPELLA,DIAMOND)



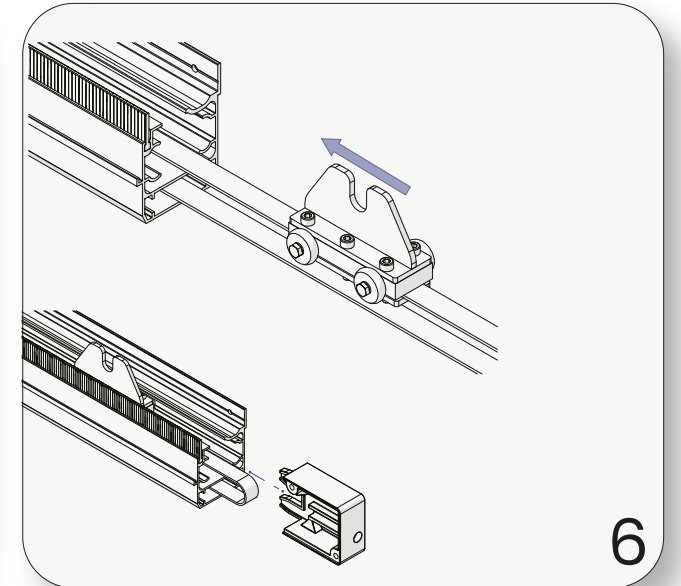
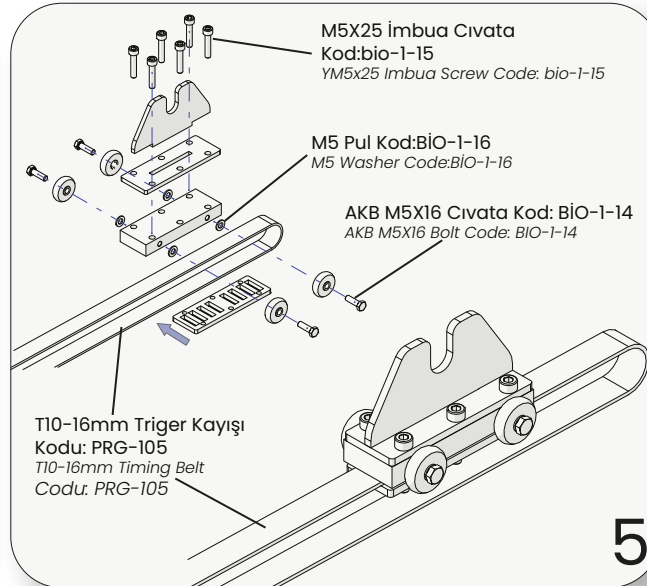
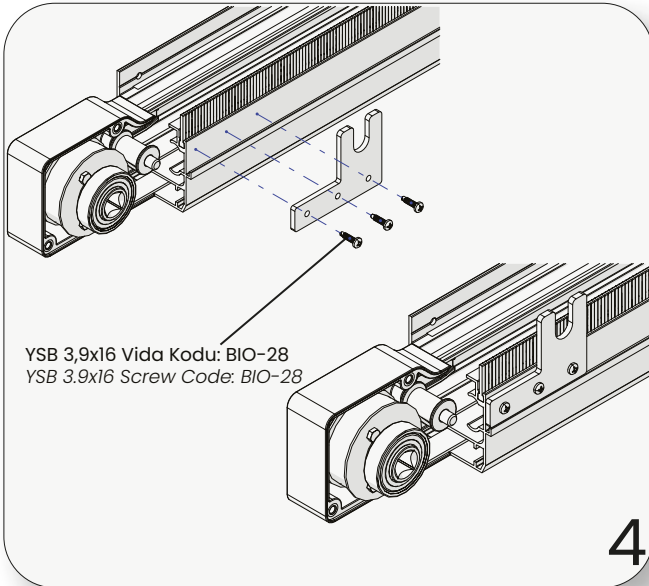
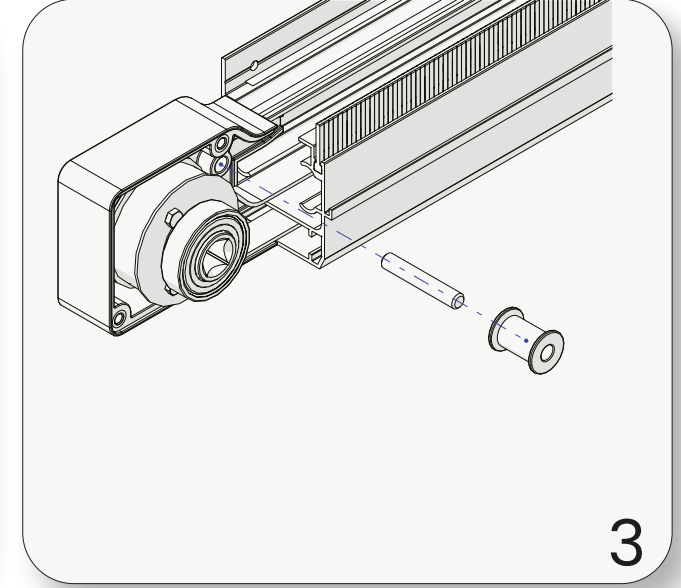
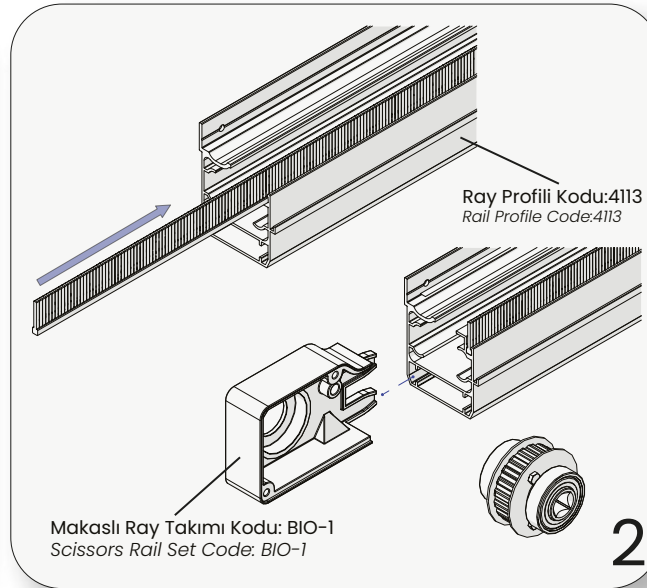
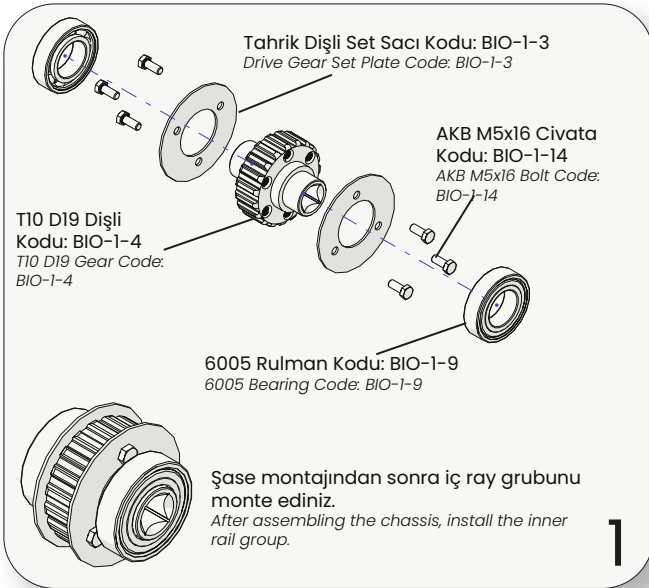
Bioklimatik Orta Ray Montaj Şeması / VENTO Middle Rail Assembly Diagram

(CASTOR GOLD,VEGA SILVER,CAPELLA,DIAMOND)

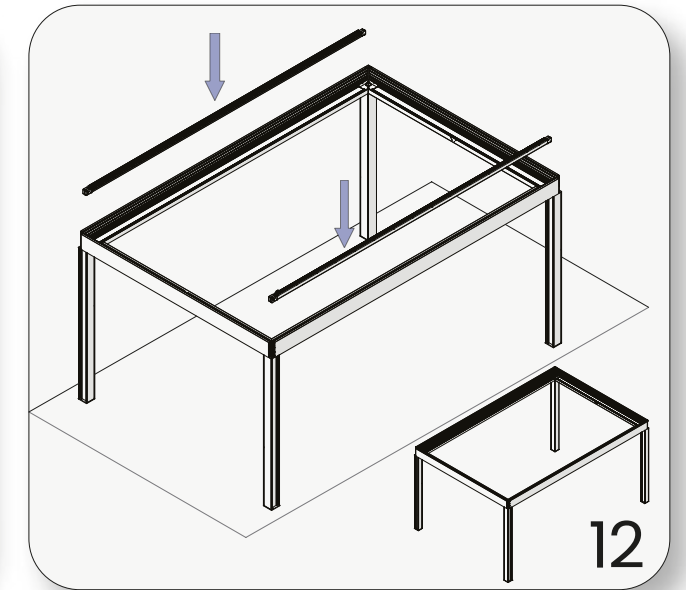
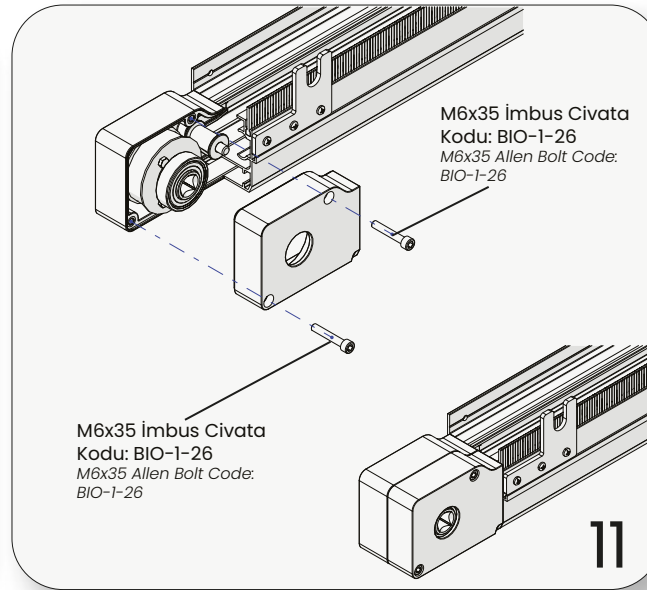
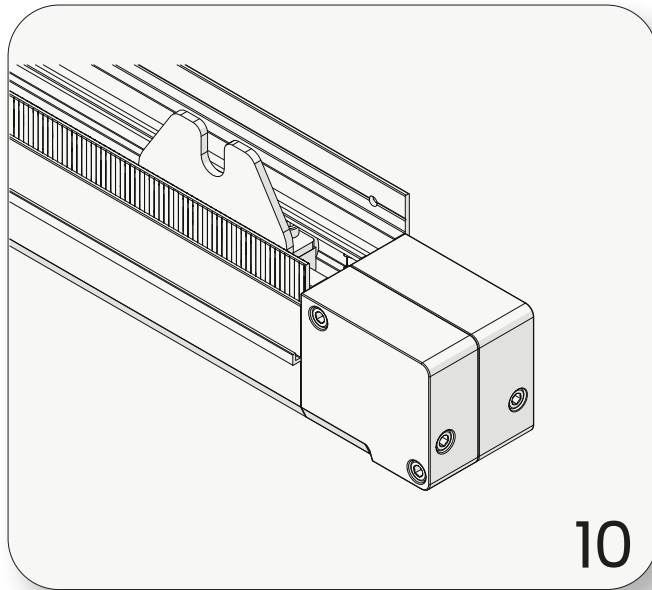
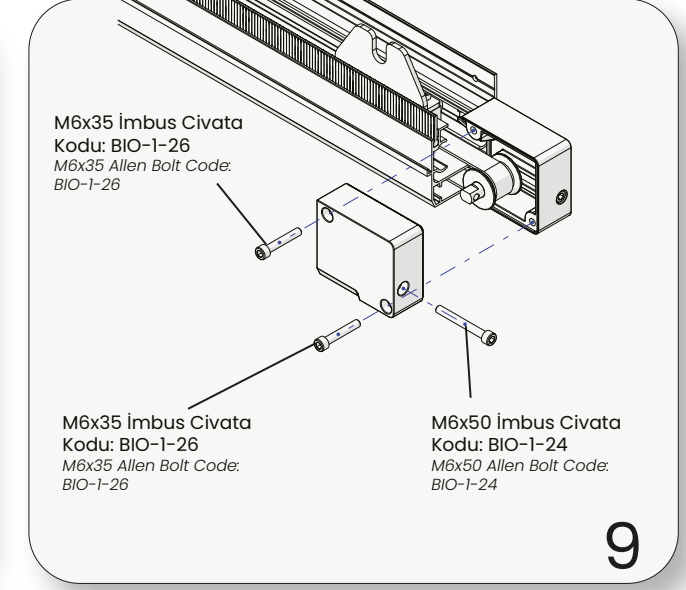
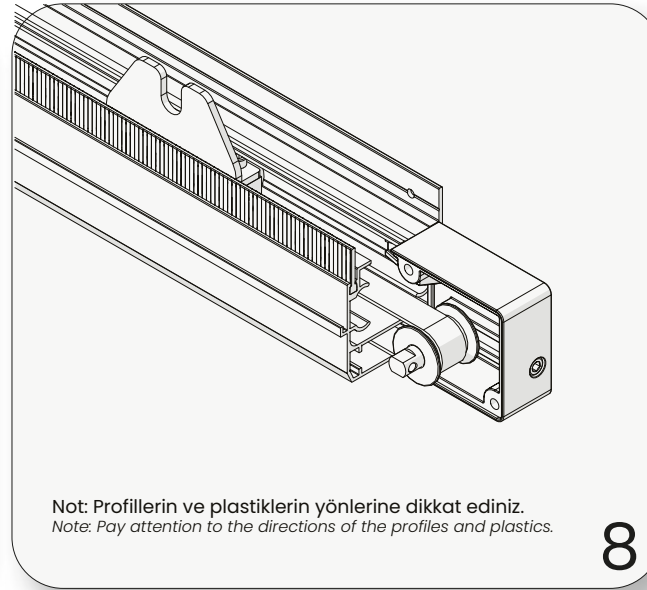
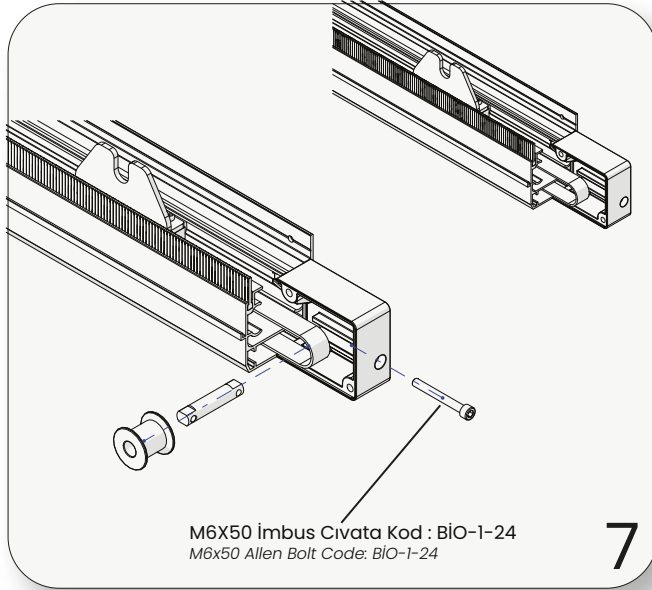


Castor Gold (Makaslı) Sistem Aksesuarları/ Castor Gold (Scissors) System Accessories

(RAY MONTAJI/RAIL ASSEMBLY)

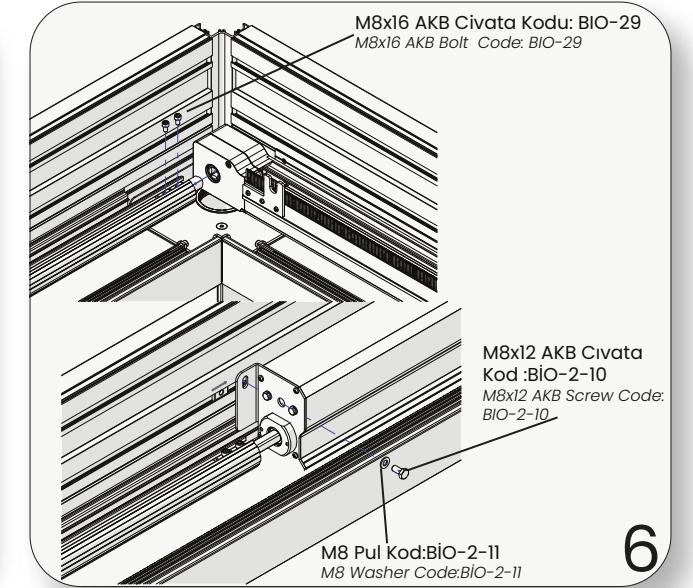
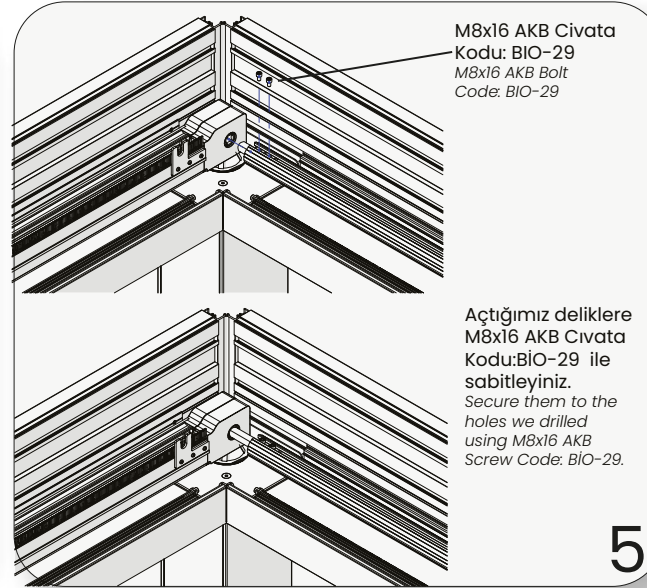
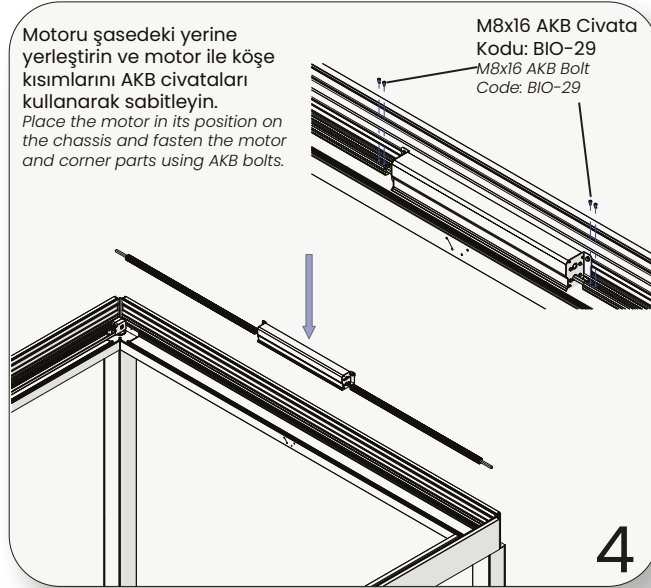
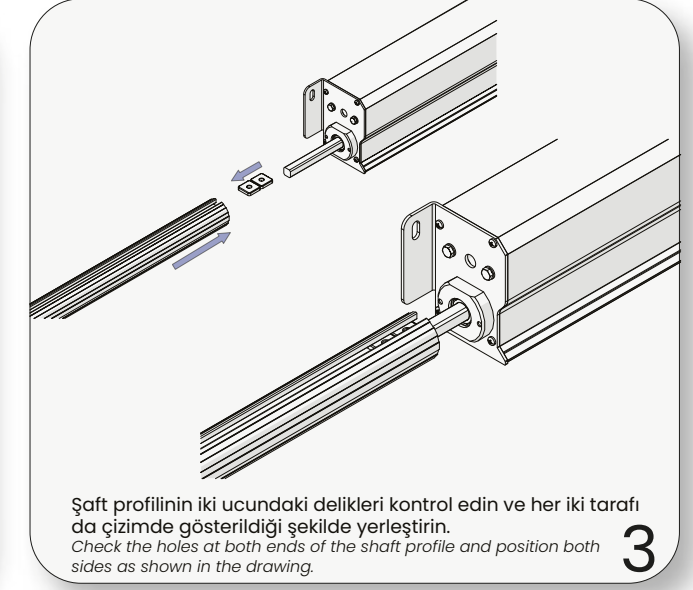
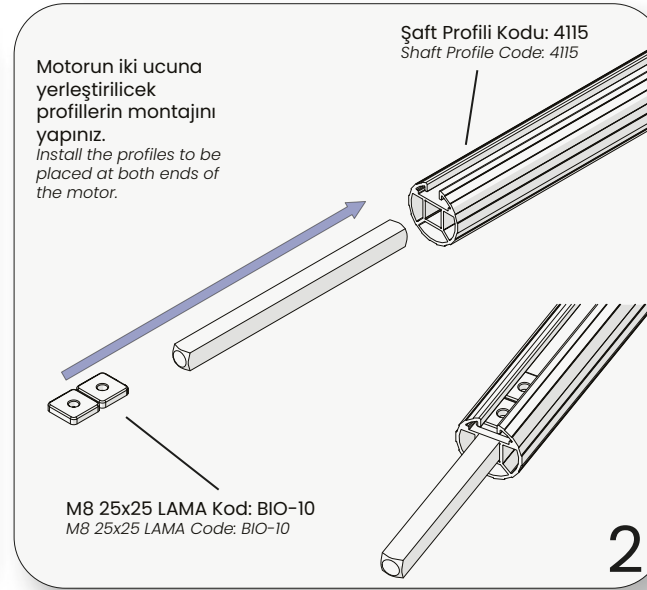
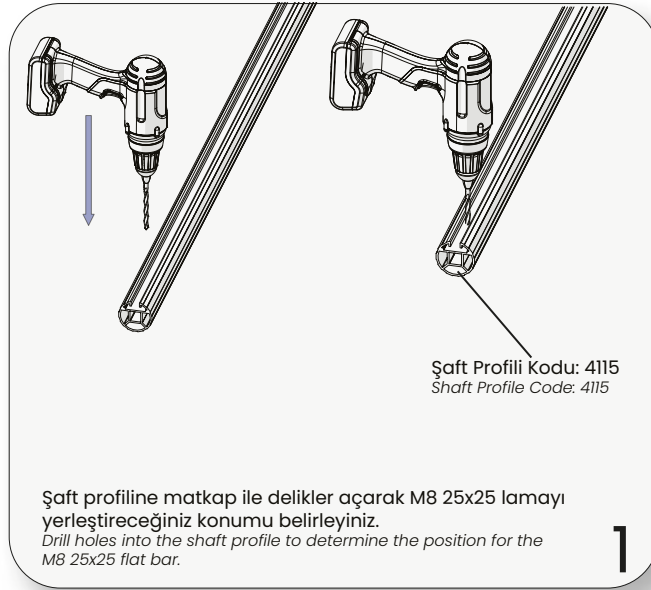


Castor Gold (Makaslı) Sistem Aksesuarları/ Castor Gold (Scissors) System Accessories (RAY MONTAJI/RAIL ASSEMBLY)



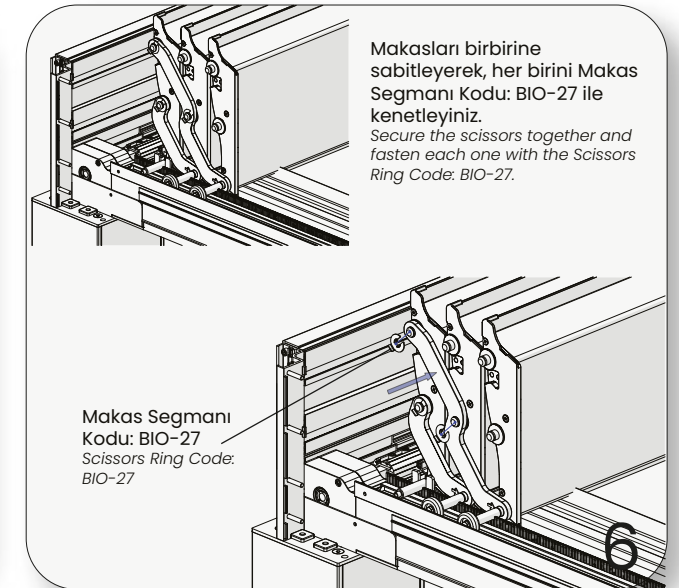
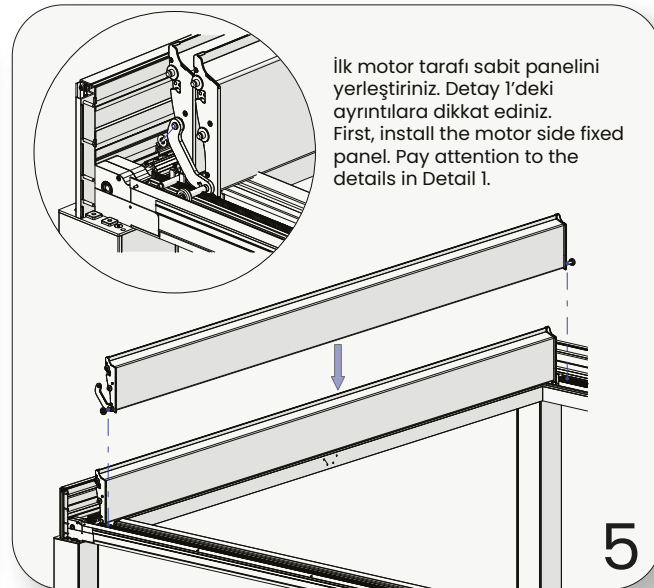
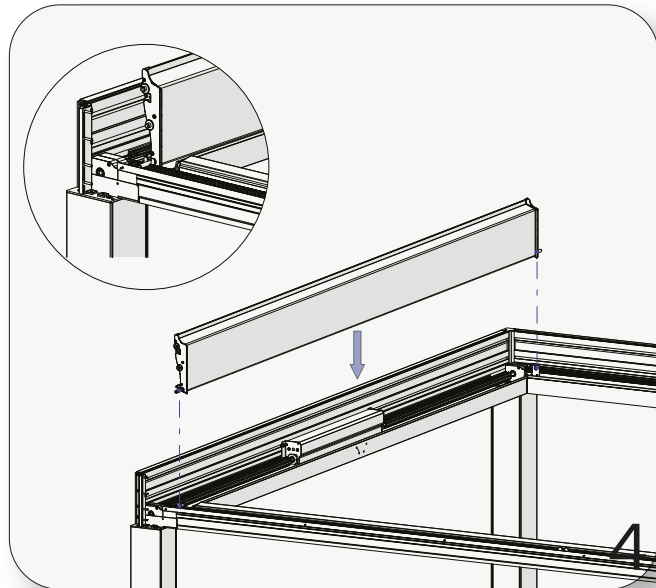
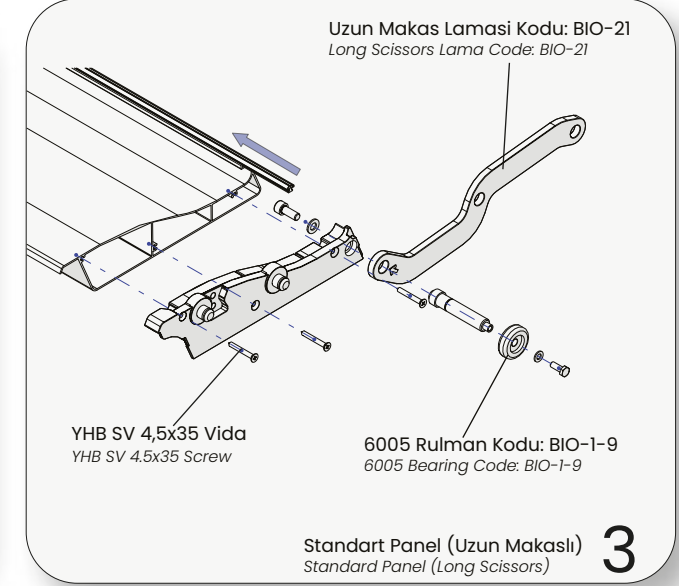
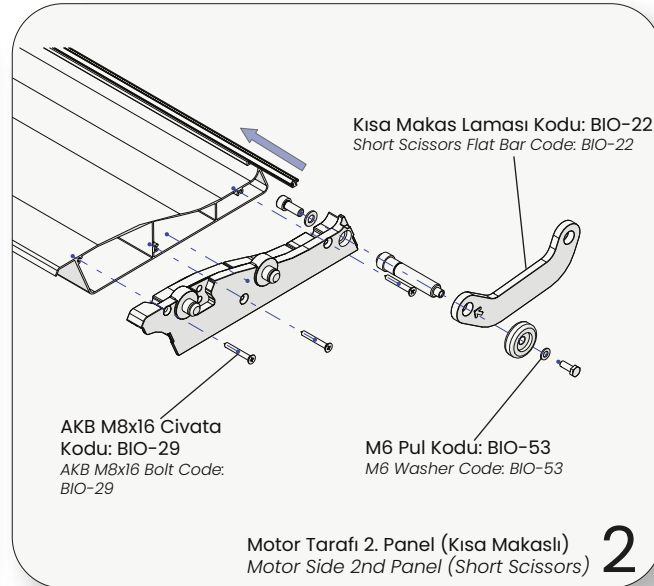
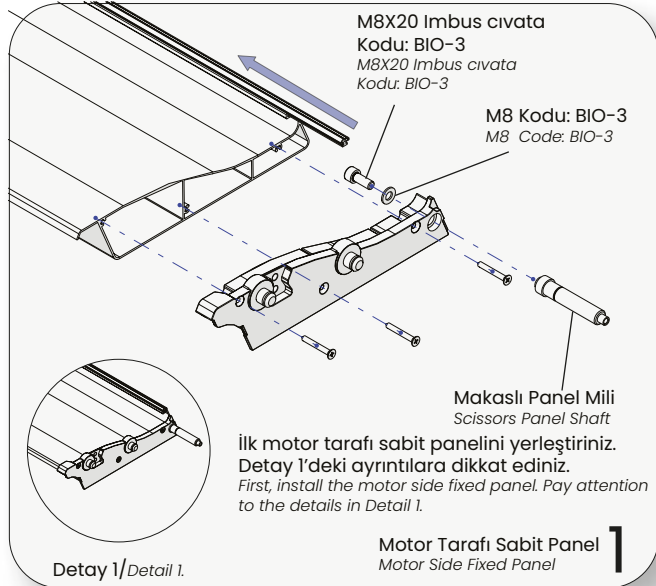
Castor Gold (Makaslı) Sistem Aksesuarları/ Castor Gold (Scissors) System Accessories

(MOTOR MONTAJI/ENGINE ASSEMBLY)



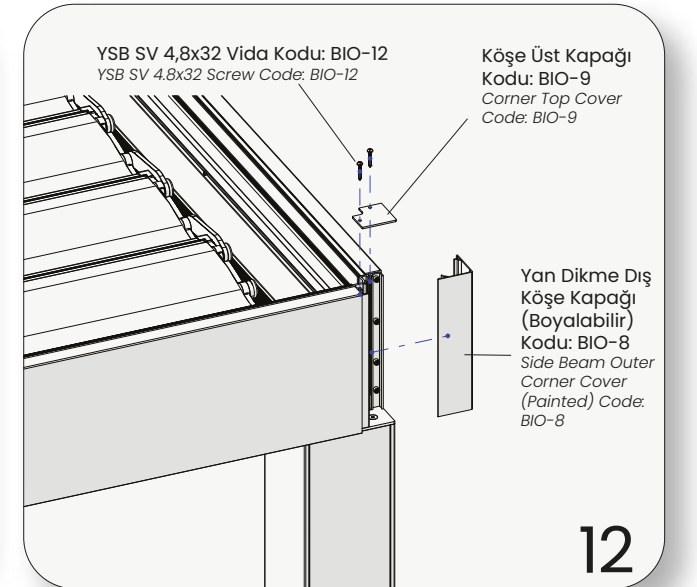
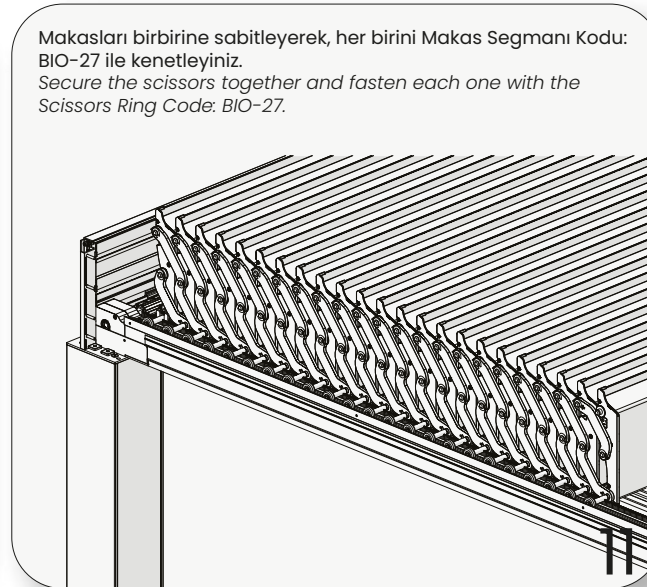
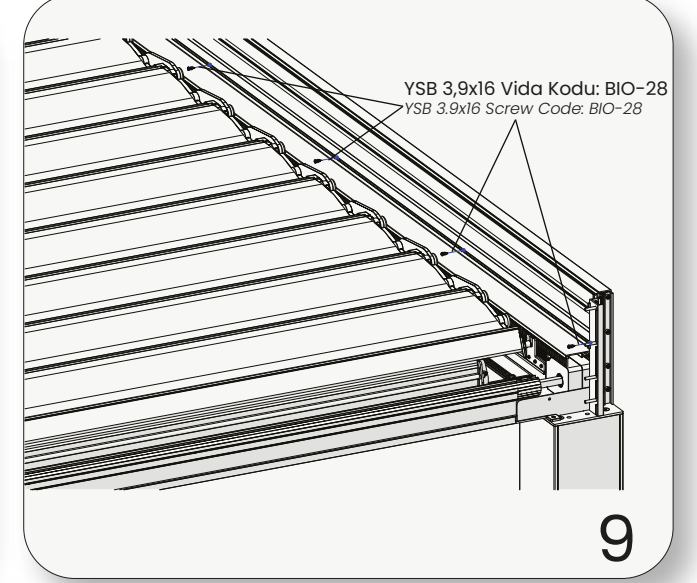
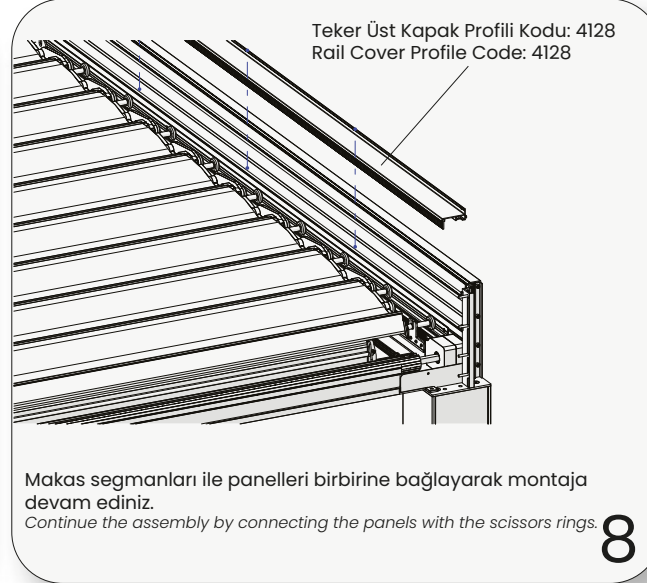
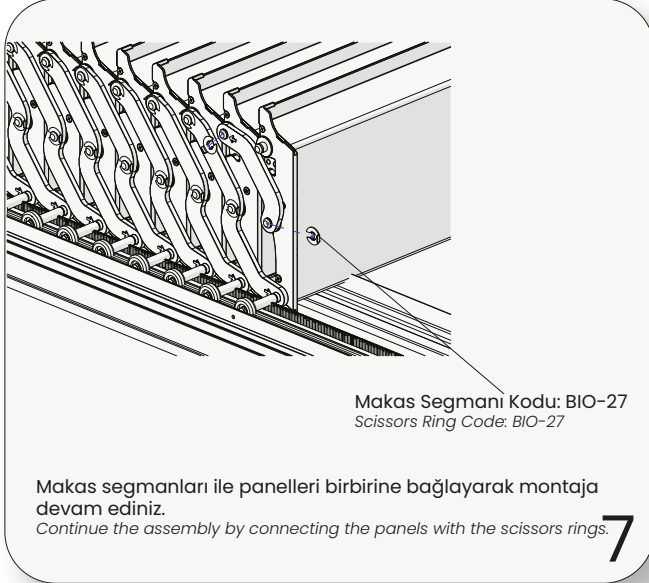
Castor Gold (Makaslı) Sistem Aksesuarları/ Castor Gold (Scissors) System Accessories

(PANEL MONTAJI/PANEL ASSEMBLY)



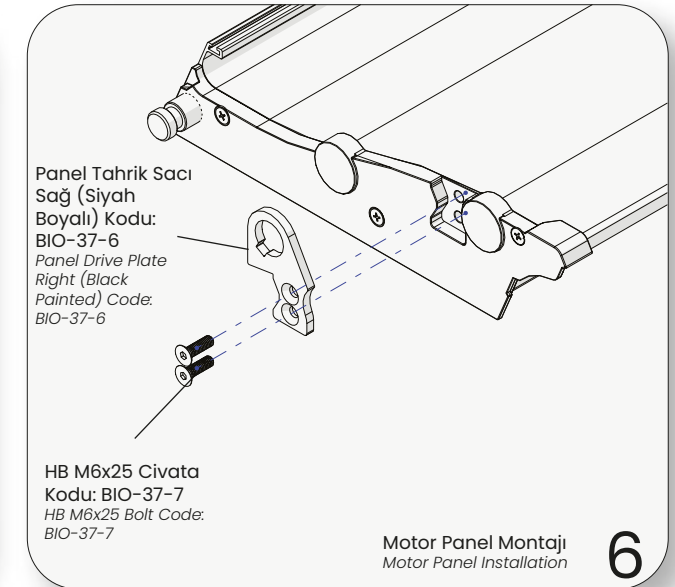
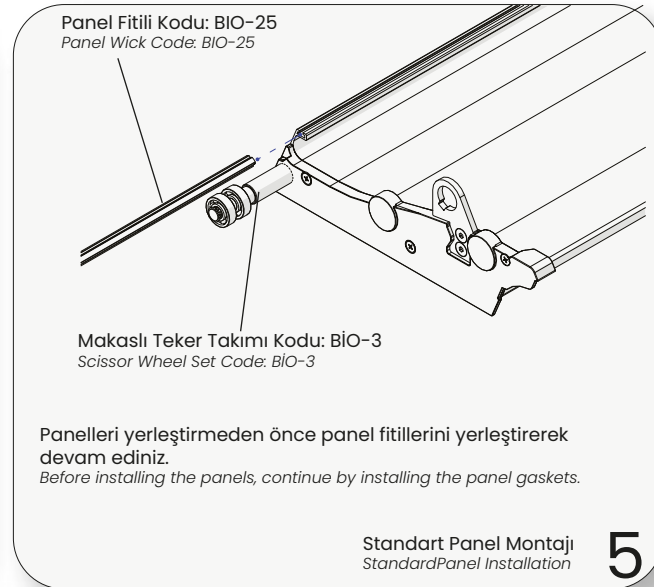
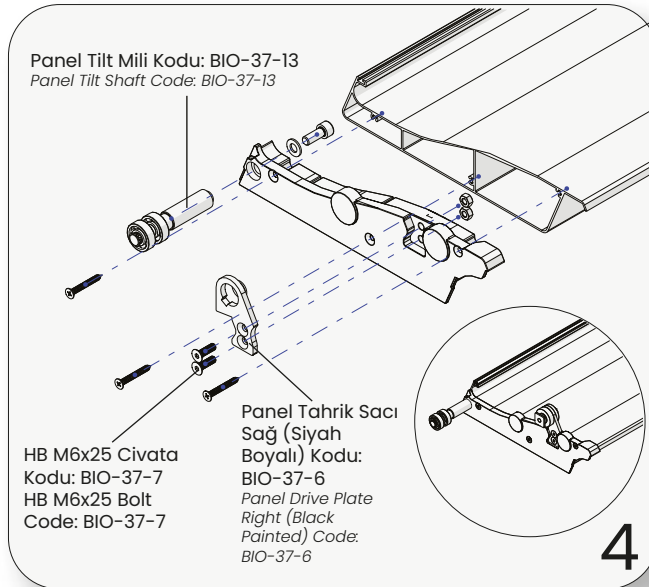
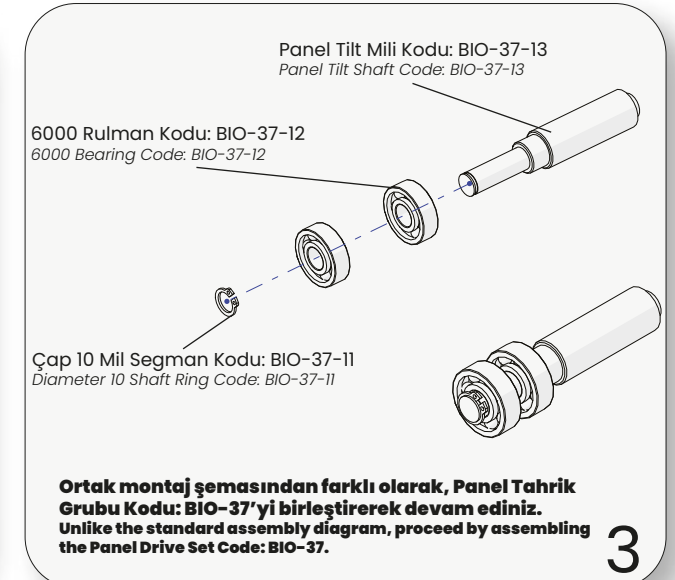
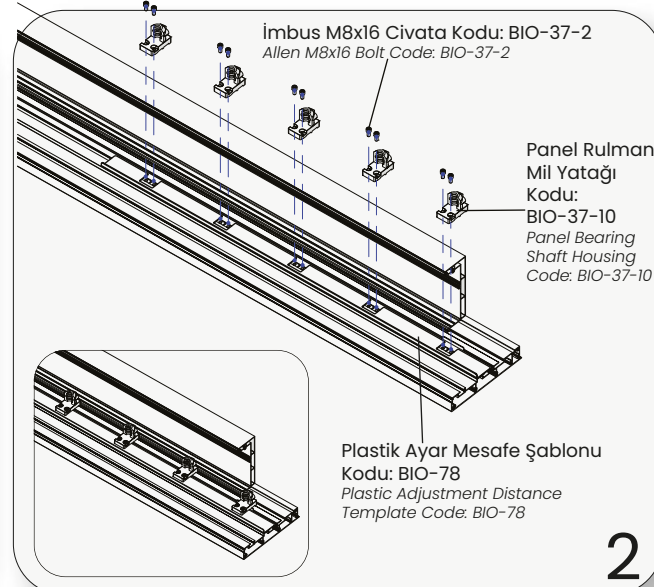
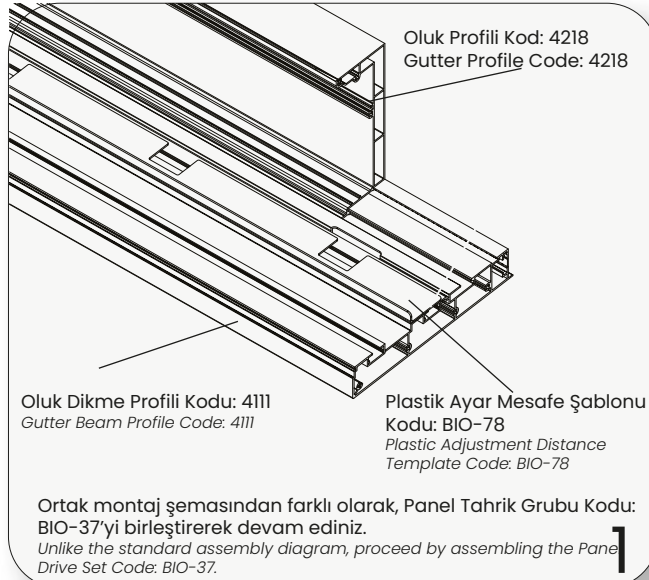
Castor Gold (Makaslı) Sistem Aksesuarları/ Castor Gold (Scissors) System Accessories

(PANEL MONTAJI/PANEL ASSEMBLY)



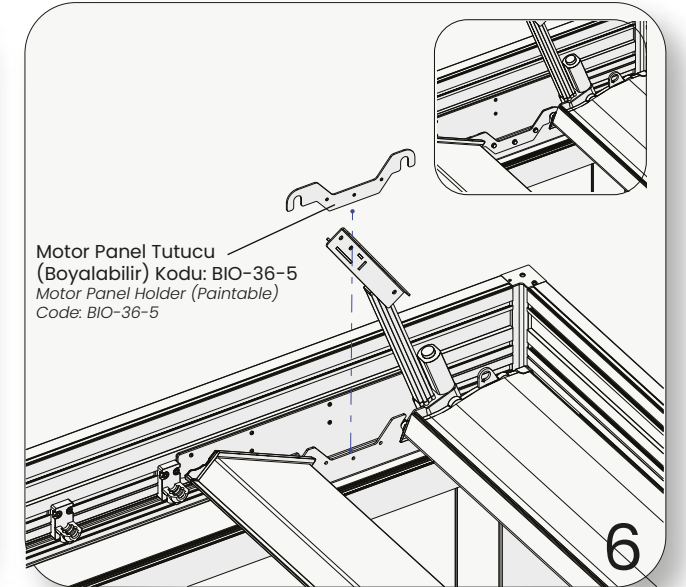
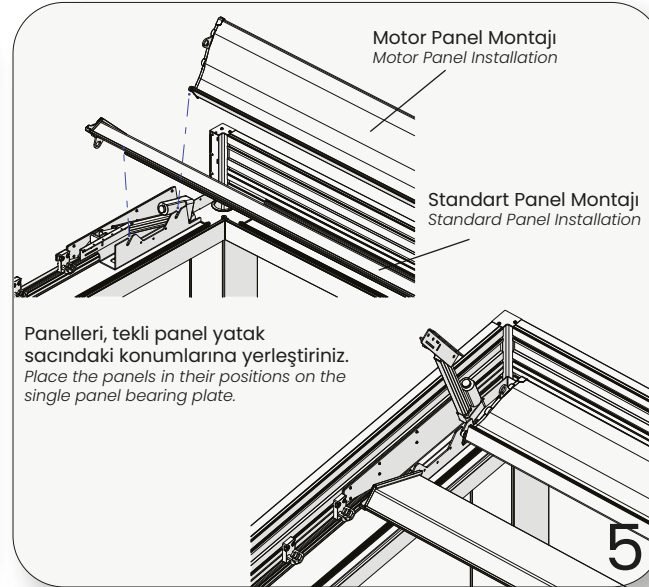
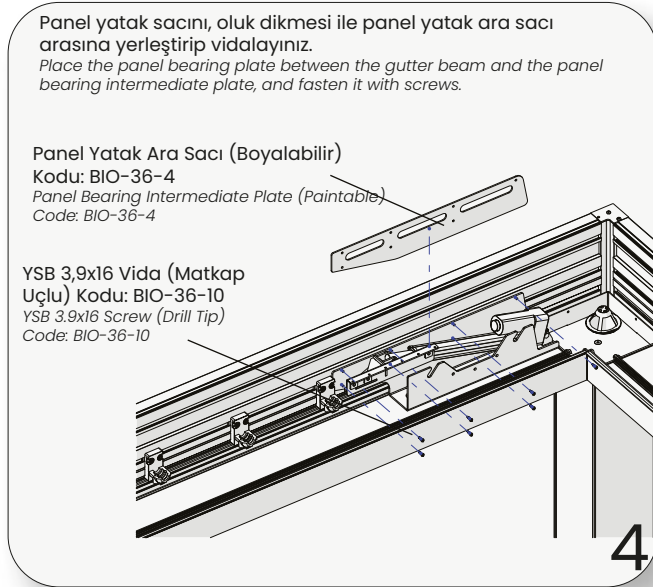
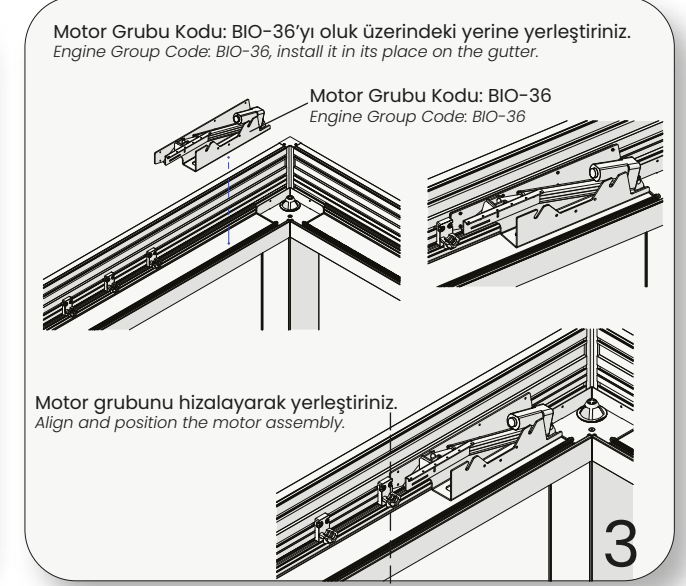
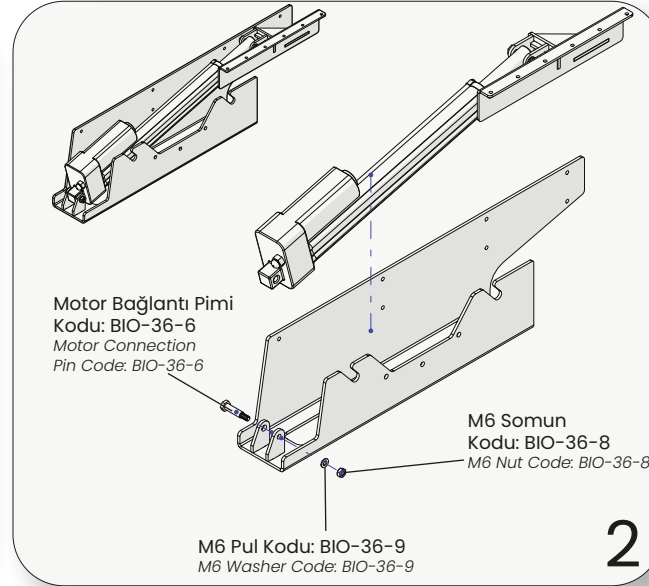
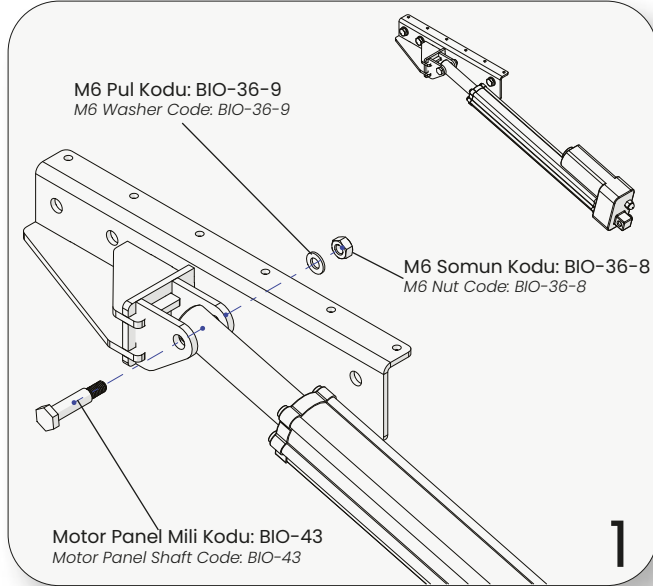
Vega Silver (Tiltli) Sistem Aksesuarları / Vega Silver (Tilt) System Accessories

(PANEL MONTAJI/PANEL ASSEMBLY)



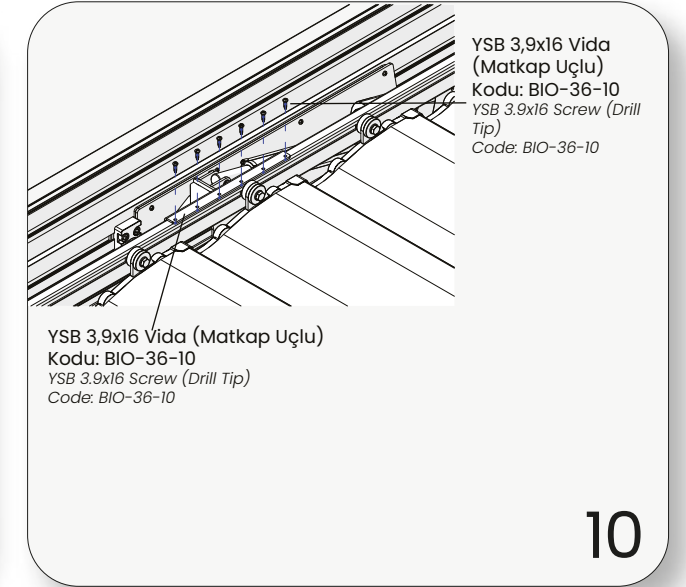
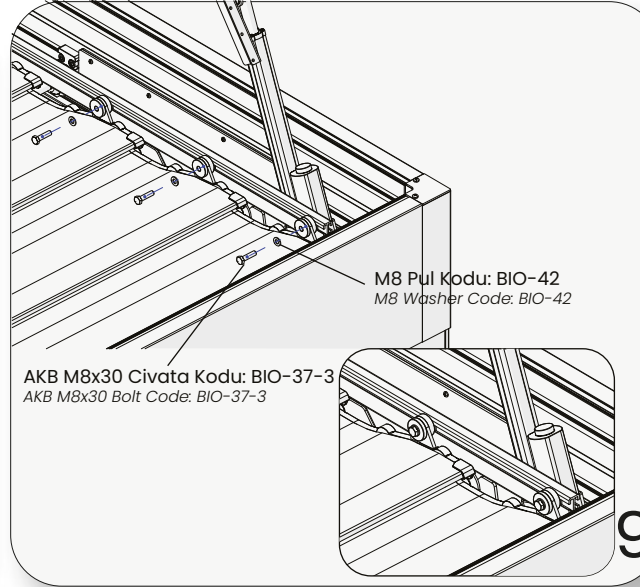
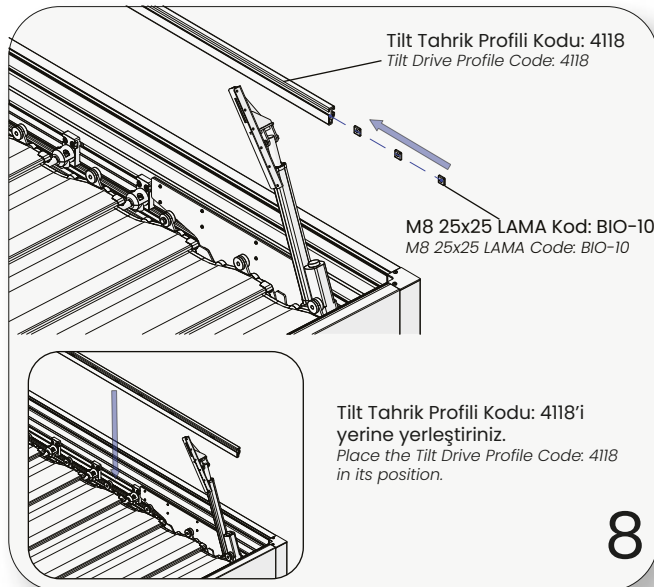
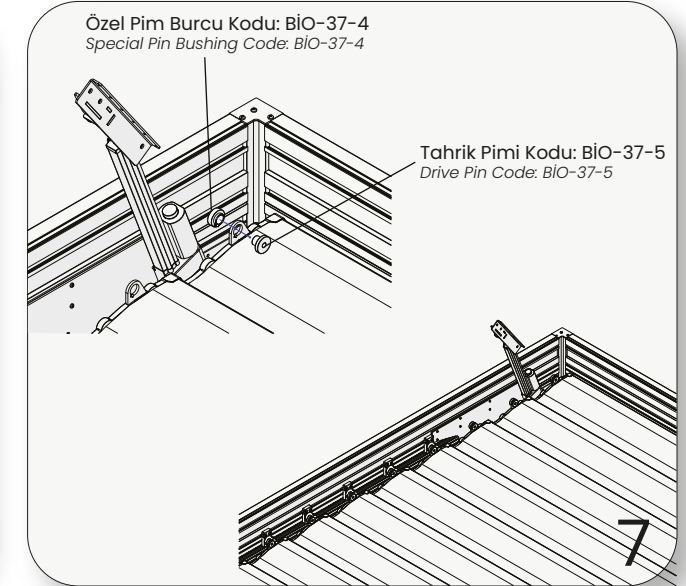
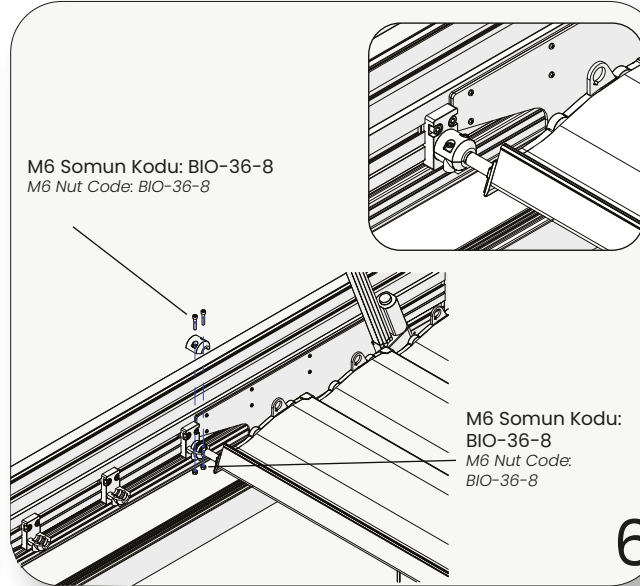
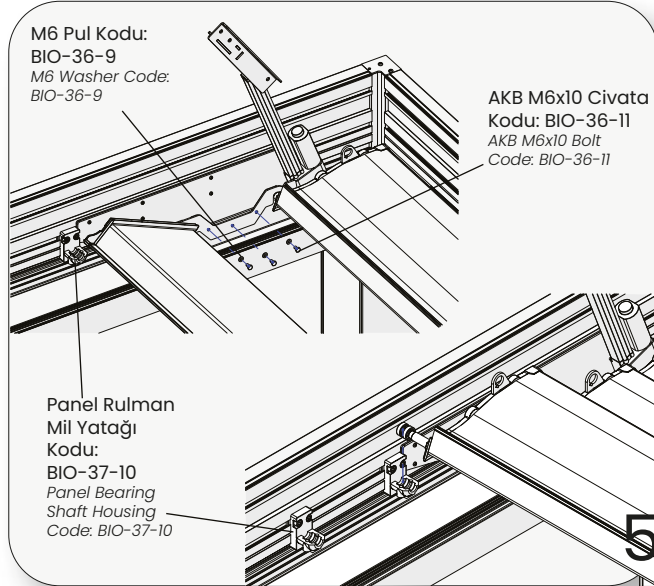
Vega Silver (Tiltli) Sistem Aksesuarları / Vega Silver (Tilt) System Accessories

(PISTON MONTAJI / PISTON ASSEMBLY)



Vega Silver (Tiltli) Sistem Aksesuarları / Vega Silver (Tilt) System Accessories

(PANEL MONTAJI/PANEL ASSEMBLY)



Vega Silver (Tiltli) Sistem Aksesuarları /Vega Silver (Tilt) System Accessories

(PANEL MONTAJI/PANEL ASSEMBLY)

YSB 3,9x16 Vida
(Matkap Uçlu)
Kodu: BIO-36-10
YSB 3.9x16 Screw (Drill
Tip)
Code: BIO-36-10

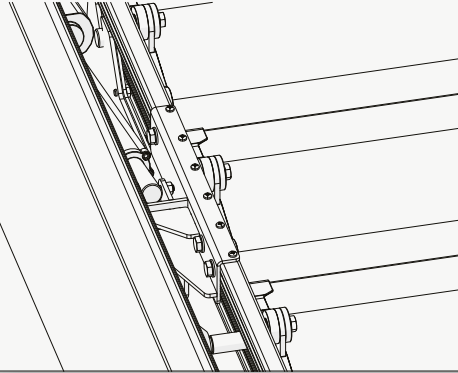
YSB 3,9x16 Vida
(Matkap Uçlu)
Kodu: BIO-36-10
YSB 3.9x16 Screw (Drill
Tip)
Code: BIO-36-10

M8 Pul Kodu:
BIO-42
M8 Washer Code:
BIO-42

YSB 3,9x16 Vida
(Matkap Uçlu)
Kodu: BIO-36-10
YSB 3.9x16 Screw (Drill
Tip)
Code: BIO-36-10

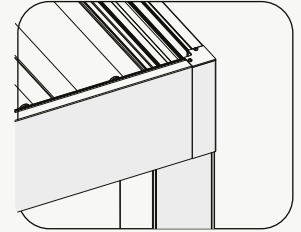
11

Motor grubu ile Tilt Tahrir Profili'nin YSB 3,9x16 vidalarının
tam olduğundan emin olunuz.
Ensure that the YSB 3.9x16 screws between the motor group and the
Tilt Drive Profile are complete.



12

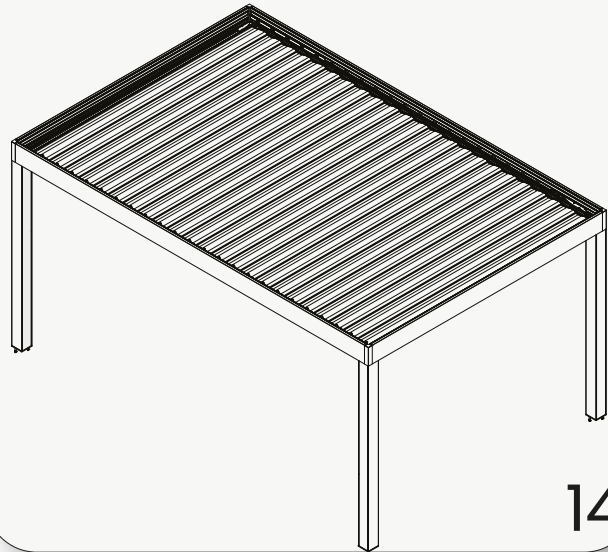
YSB 3,9x16 Vida (Matkap Uçlu)
Kodu: BIO-36-10
YSB 3.9x16 Screw (Drill Tip)
Code: BIO-36-10



Köşe Üst Kapağı
Kodu: BIO-9
Corner Top Cover
Code: BIO-9

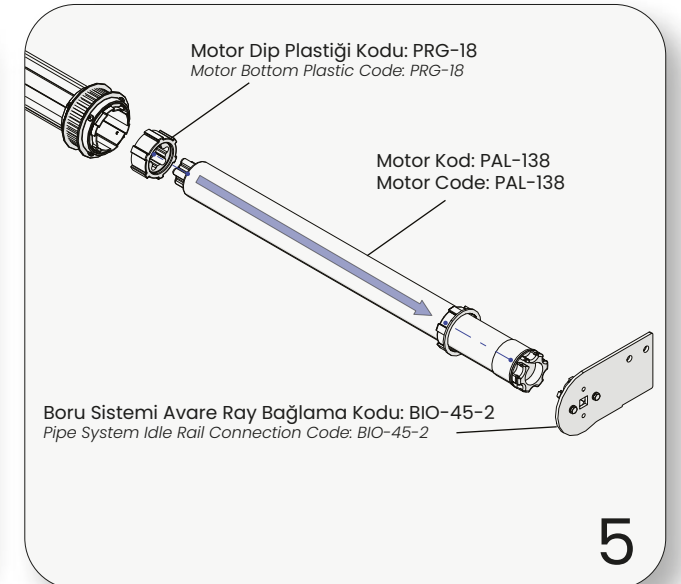
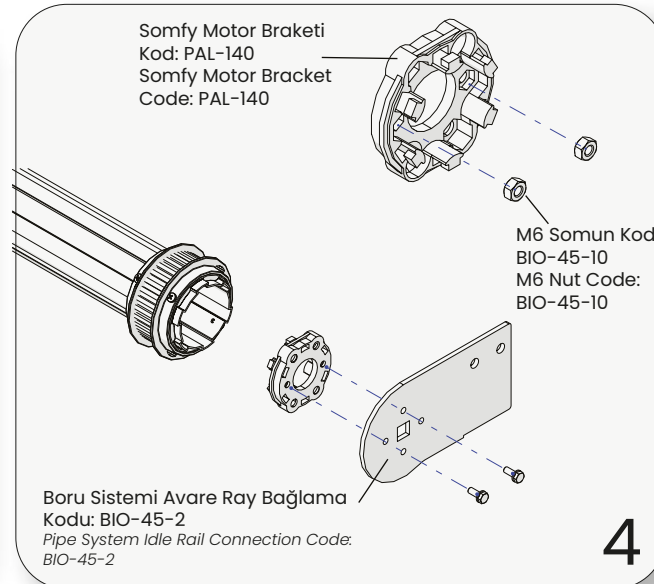
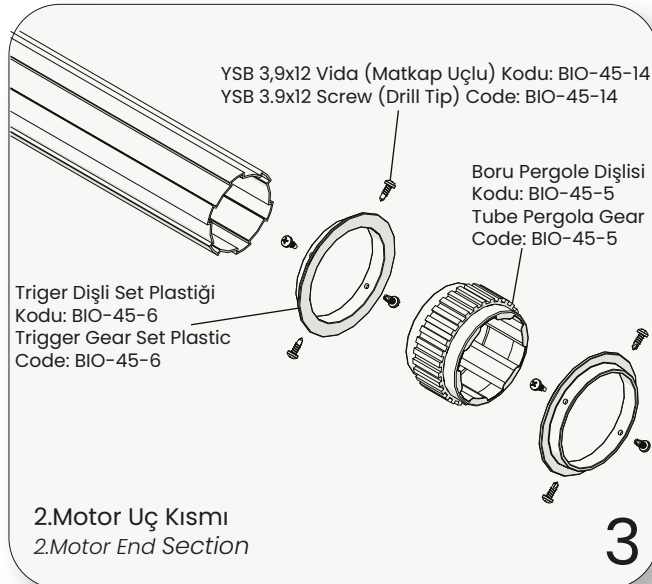
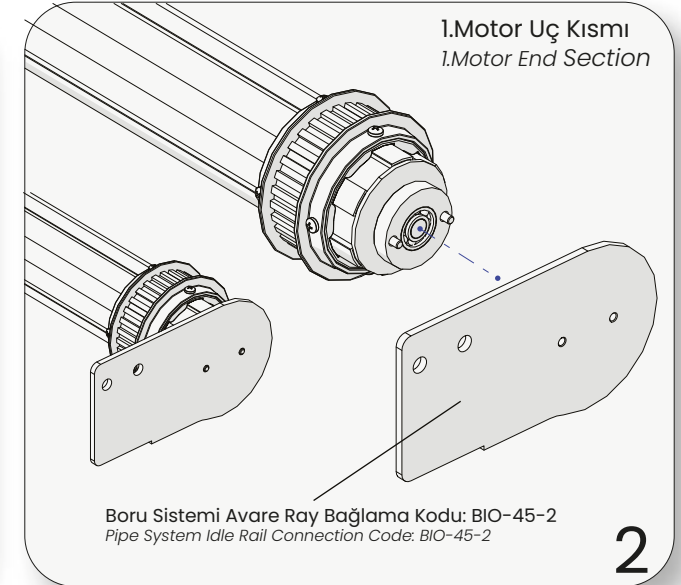
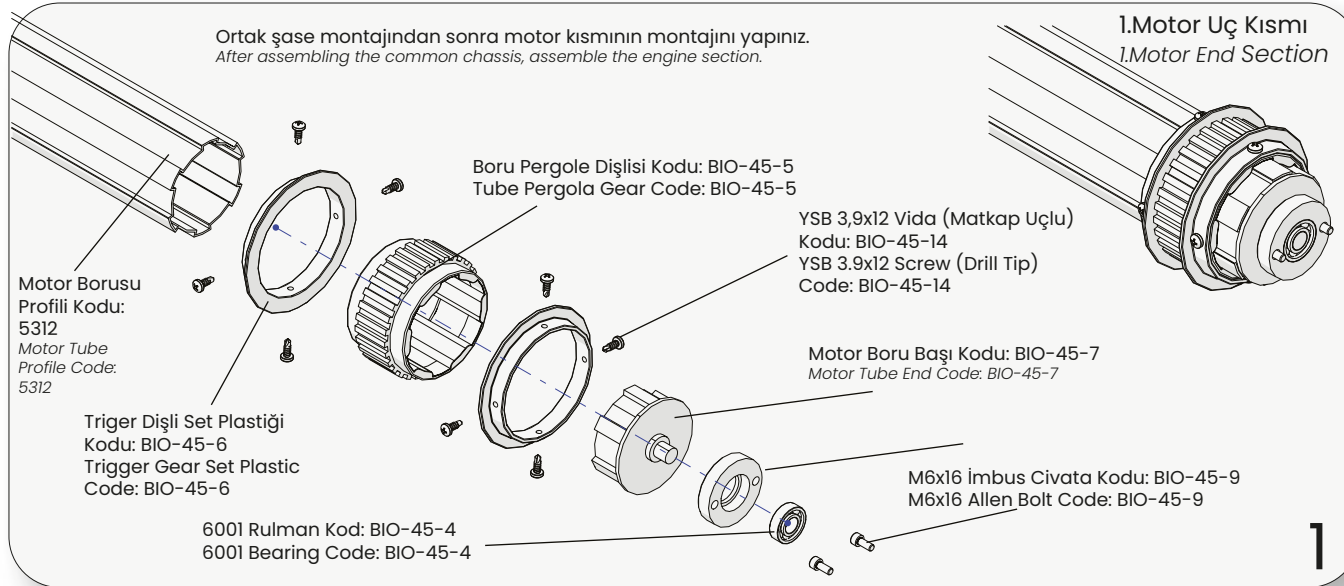
Yan Dikme Dış
Köşe Kapağı
Kodu: BIO-8
Side Beam Outer
Corner Cover
Code: BIO-8

13



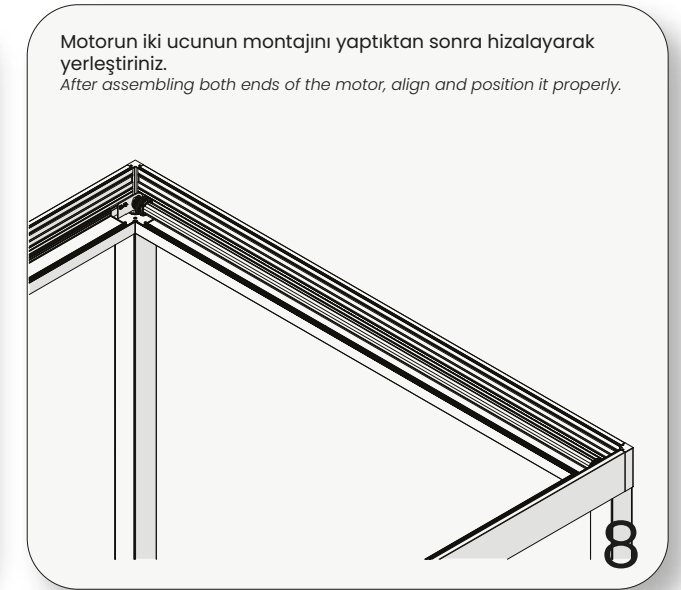
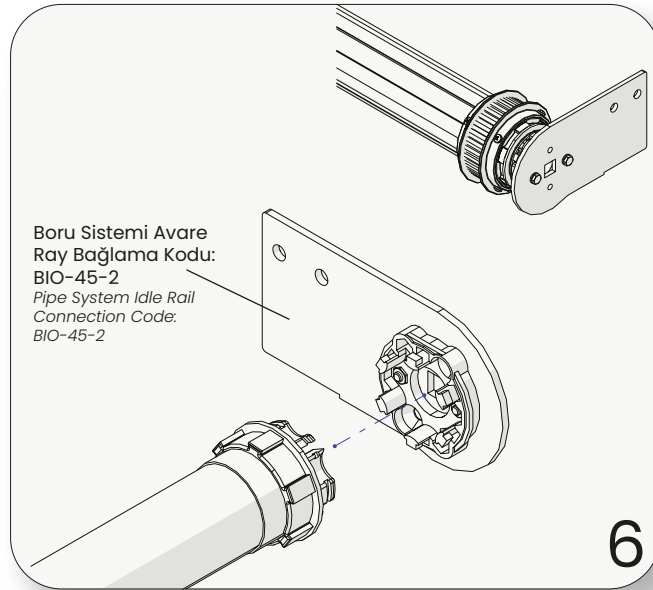
14

Diamond (C-Kanalı) Sistem Aksesuarları / Diamond (C-Channel) System Accessories (MOTOR MONTAJI/ENGINE ASSEMBLY)



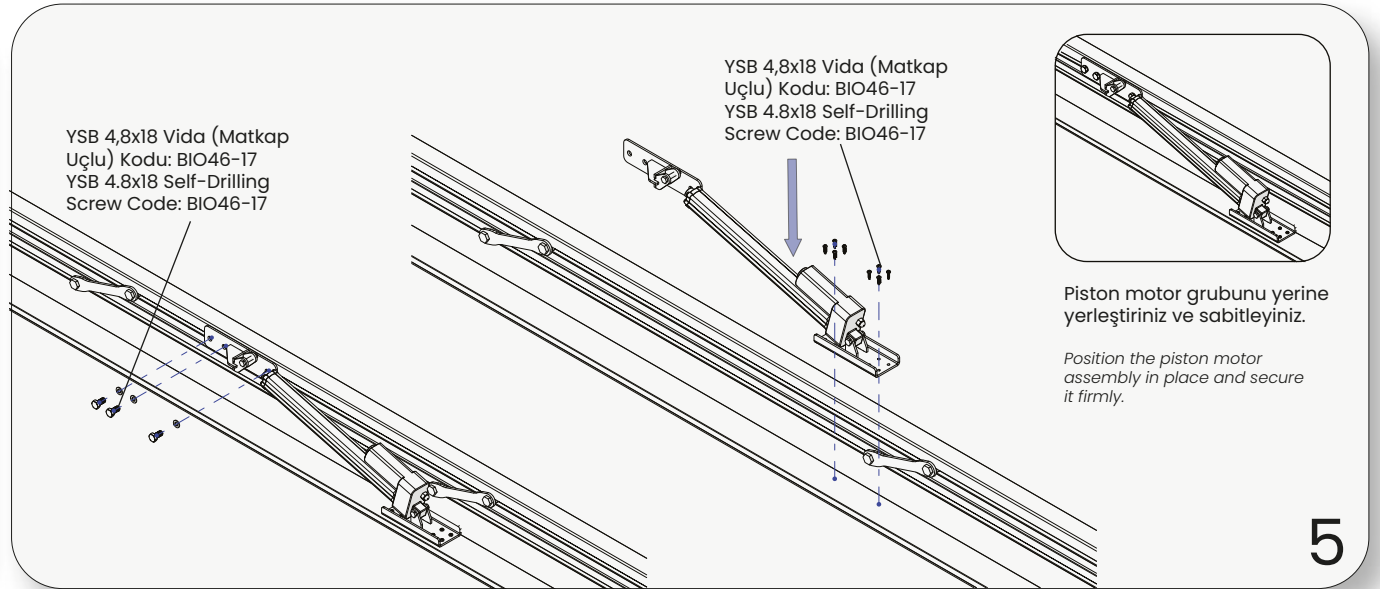
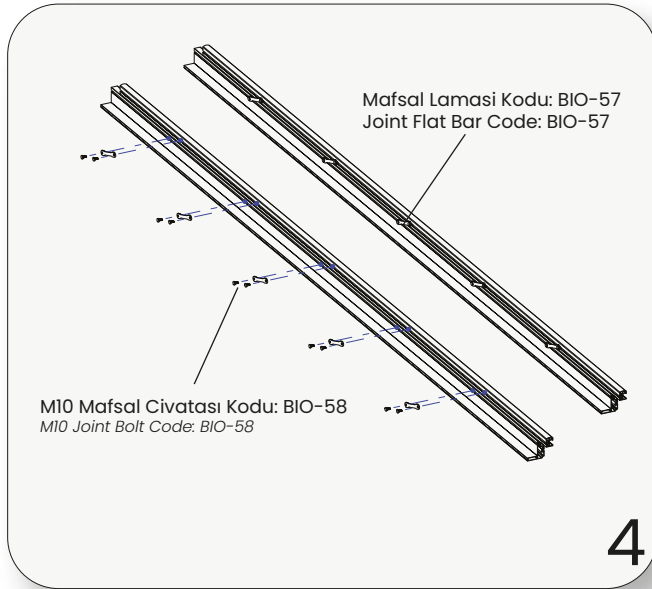
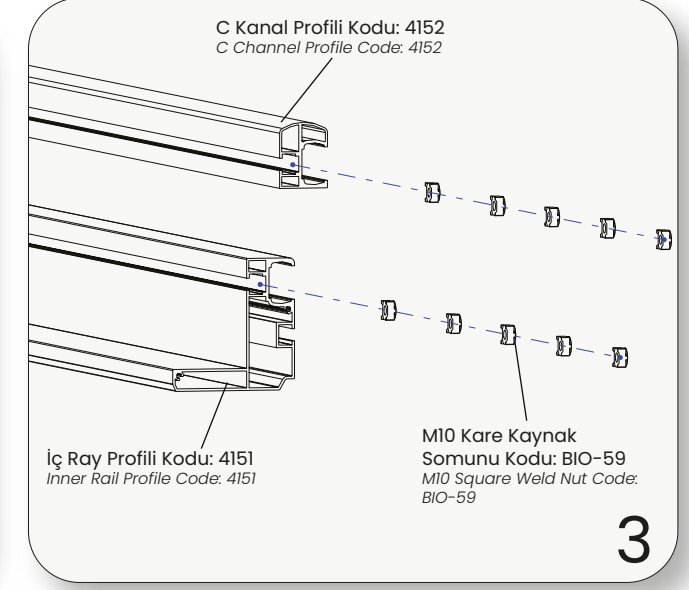
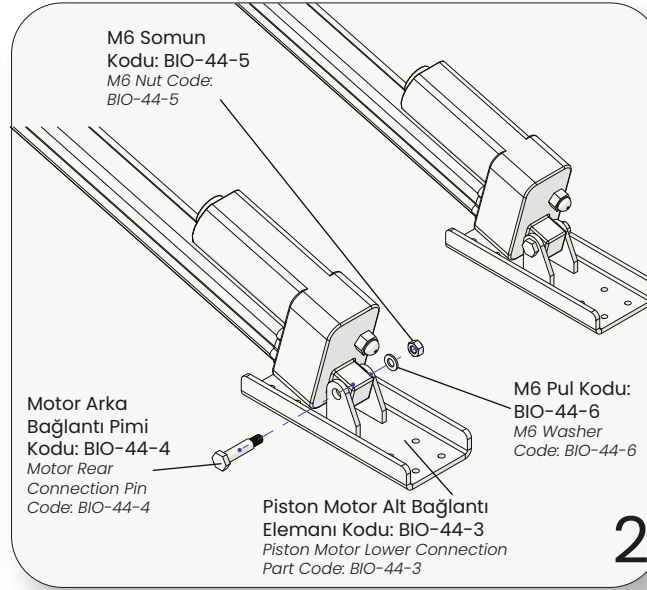
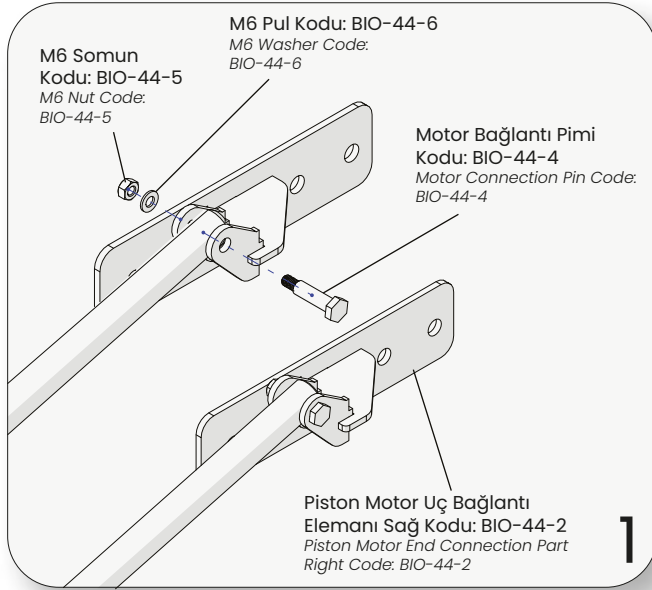
Diamond (C-Kanalı) Sistem Aksesuarları / Diamond (C-Channel) System Accessories

(MOTOR MONTAJI/ENGINE ASSEMBLY)



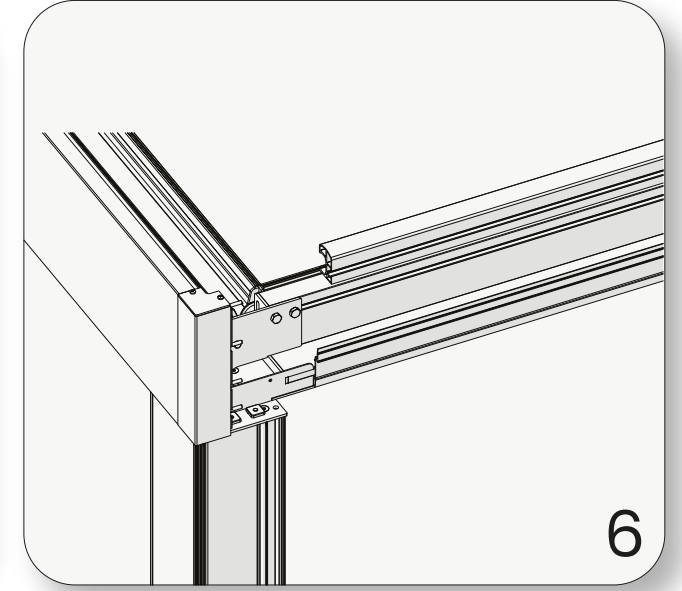
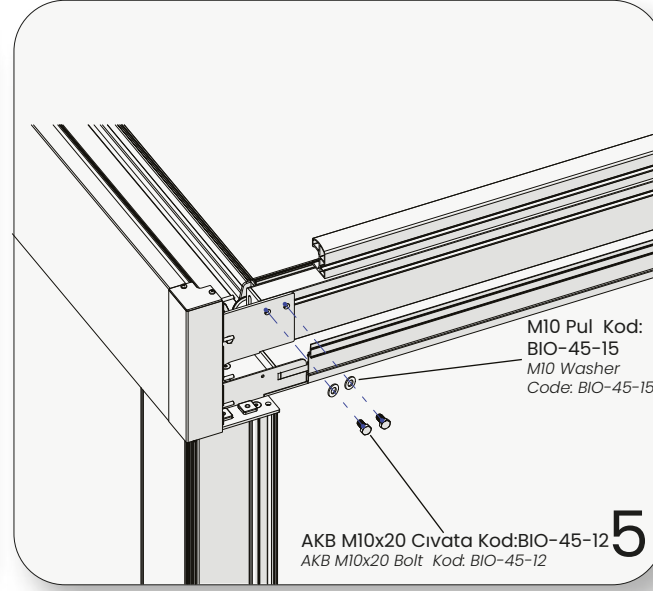
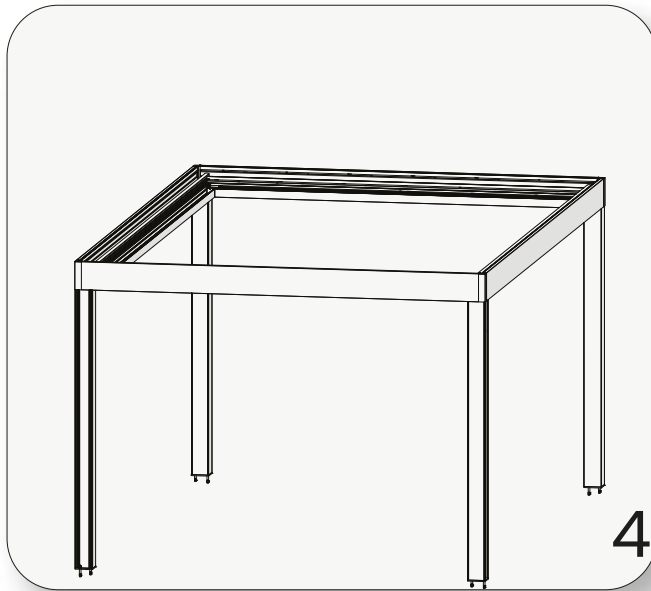
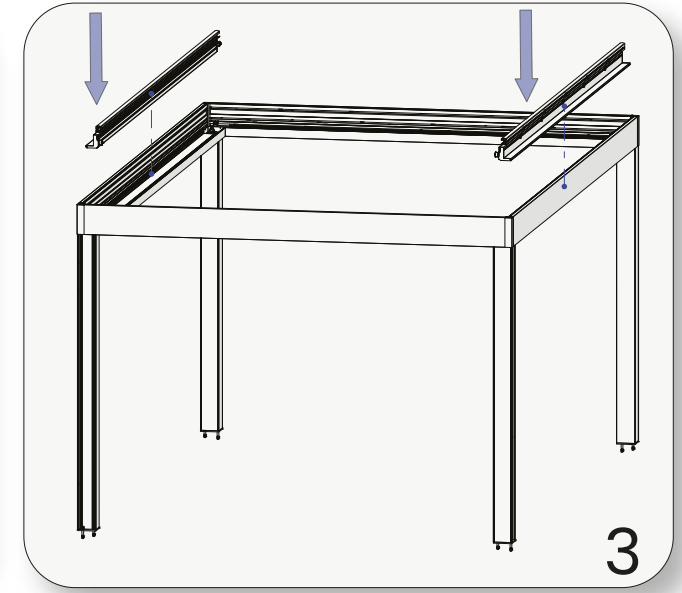
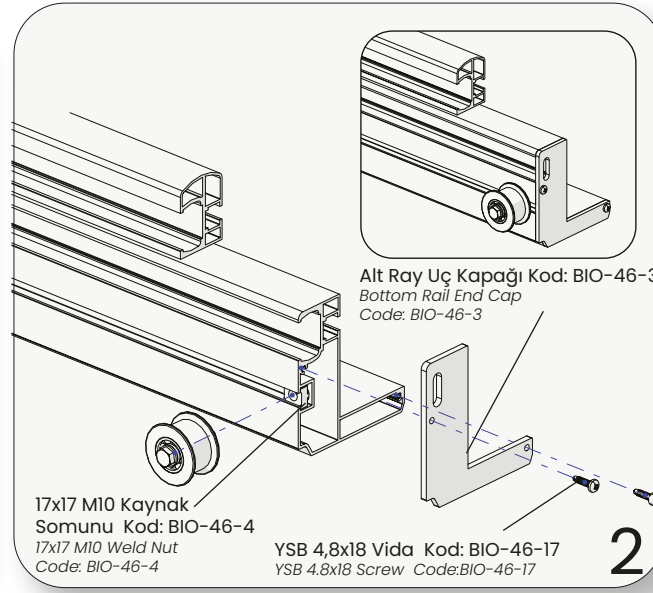
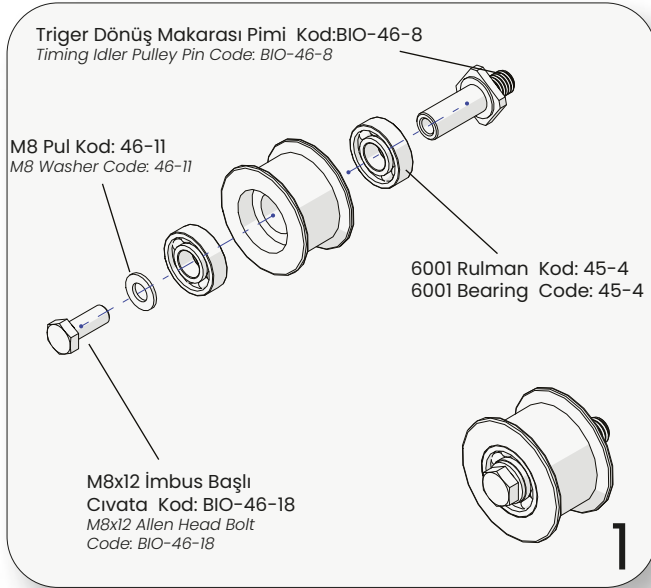
Diamond (C-Kanalı) Sistem Aksesuarları / Diamond (C-Channel) System Accessories

(PİSTON MONTAJI / PISTON ASSEMBLY)

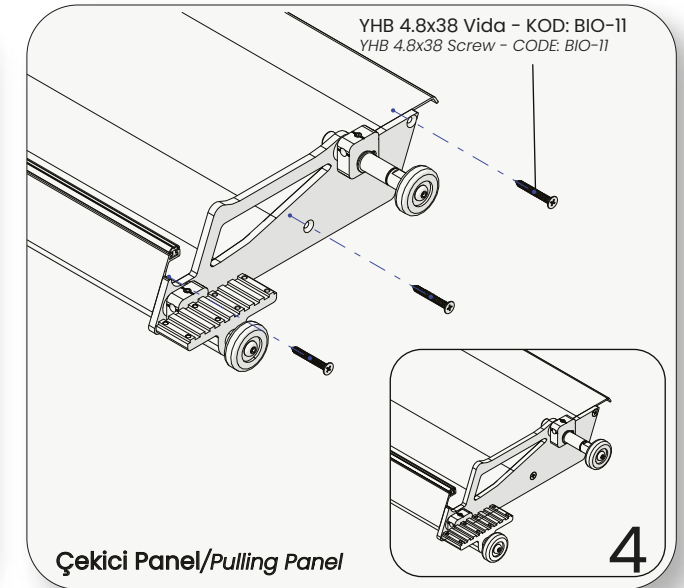
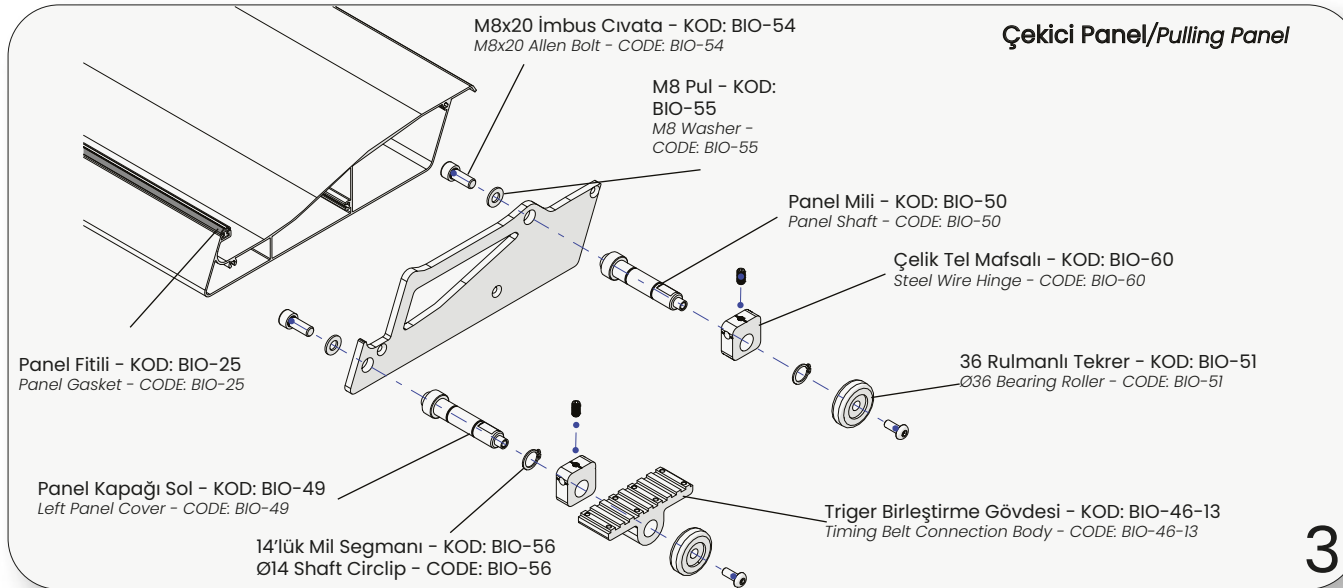
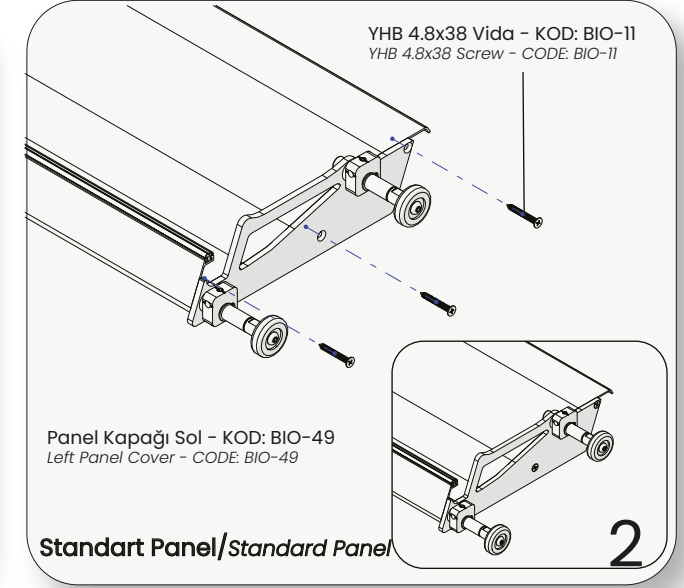
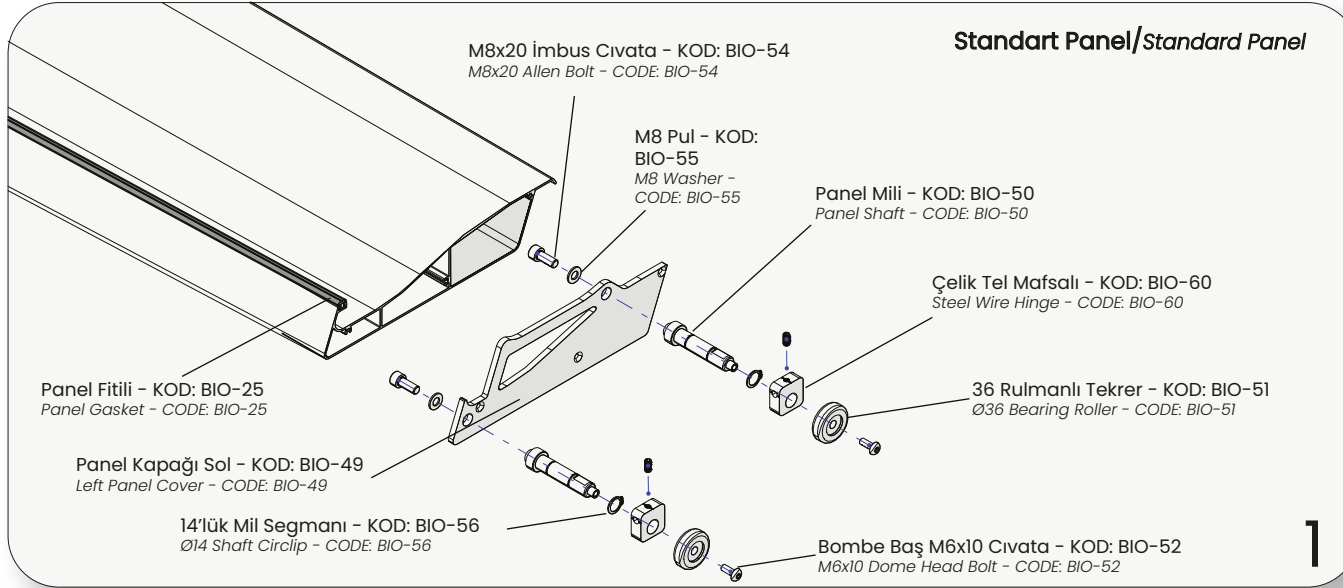


Diamond (C-Kanalı) Sistem Aksesuarları / Diamond (C-Channel) System Accessories

(RAY MONTAJI / RAIL ASSEMBLY)

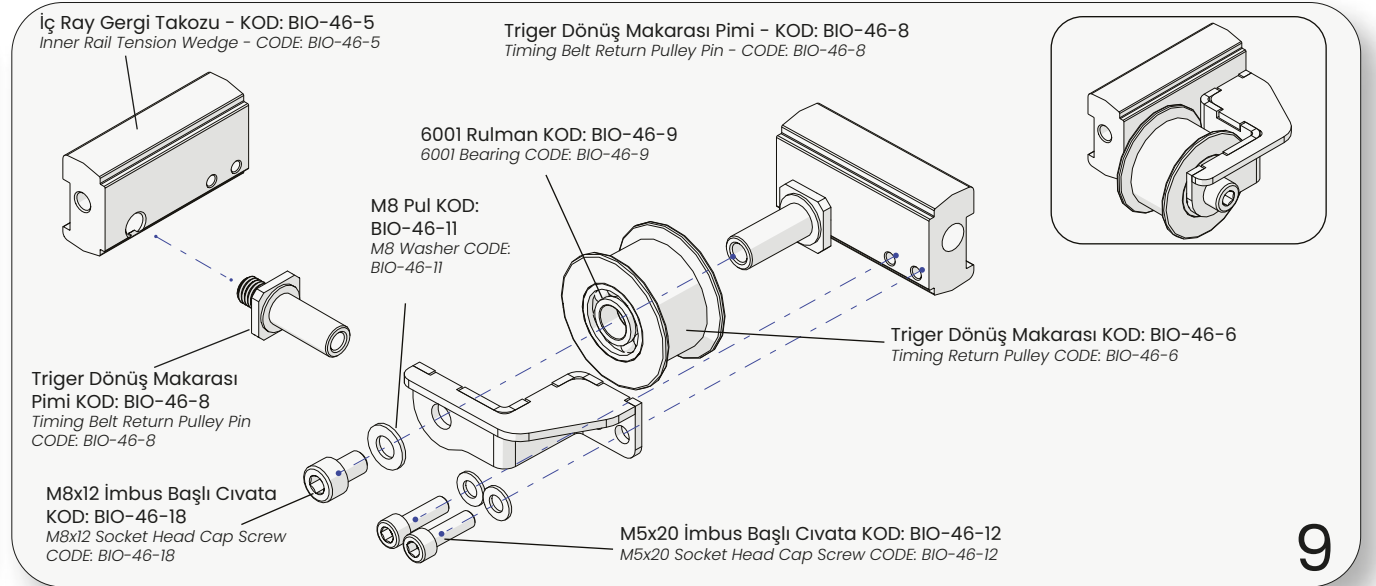
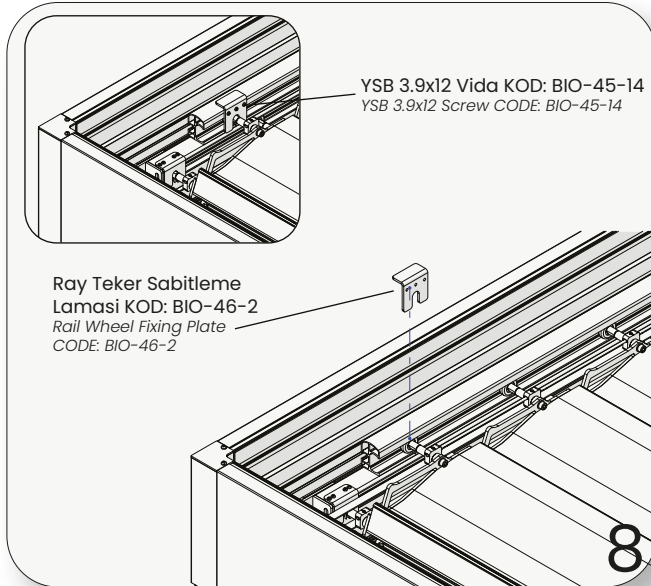
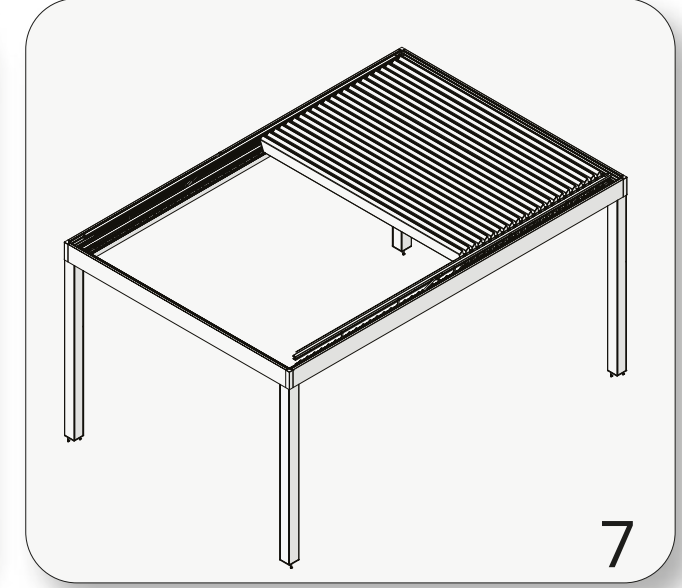
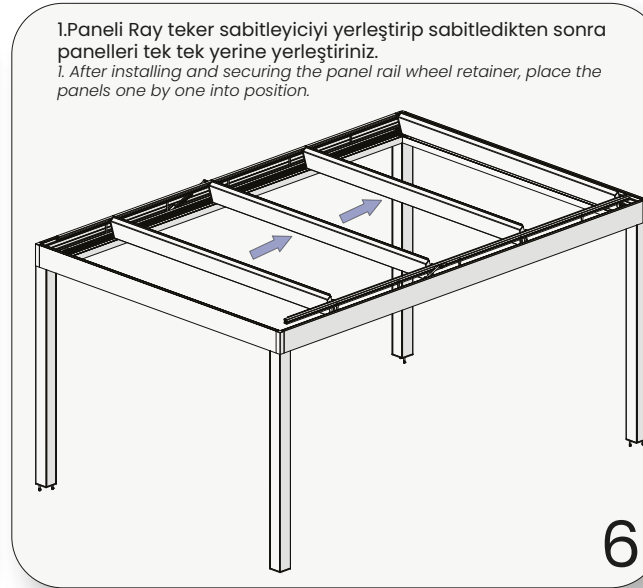
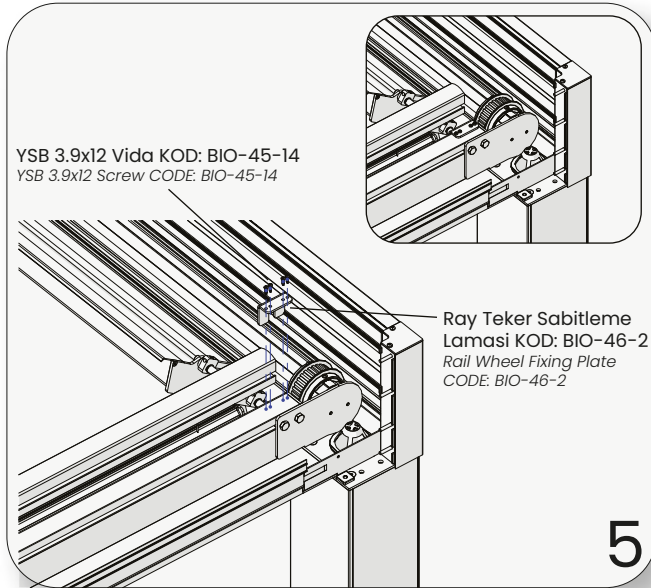


Diamond (C-Kanalı) Sistem Aksesuarları / Diamond (C-Channel) System Accessories (PANEL MONTAJI/PANEL ASSEMBLY)



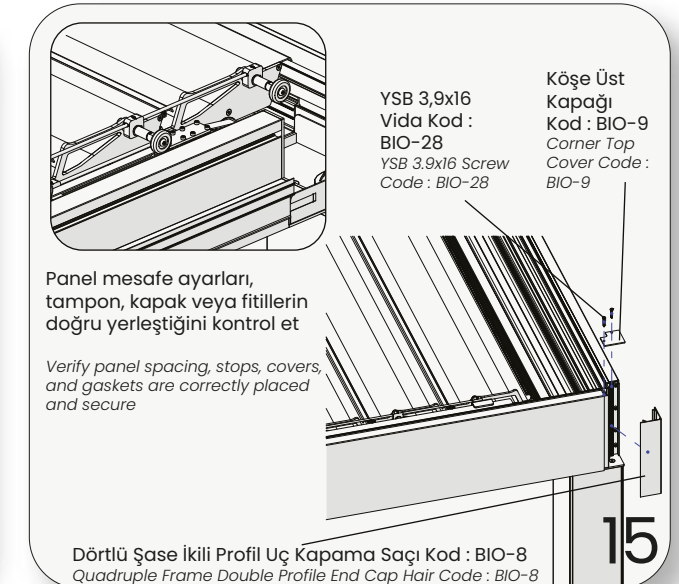
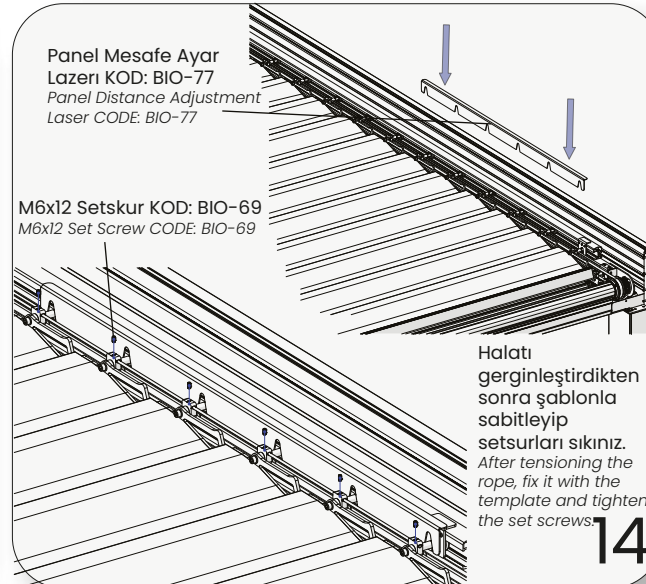
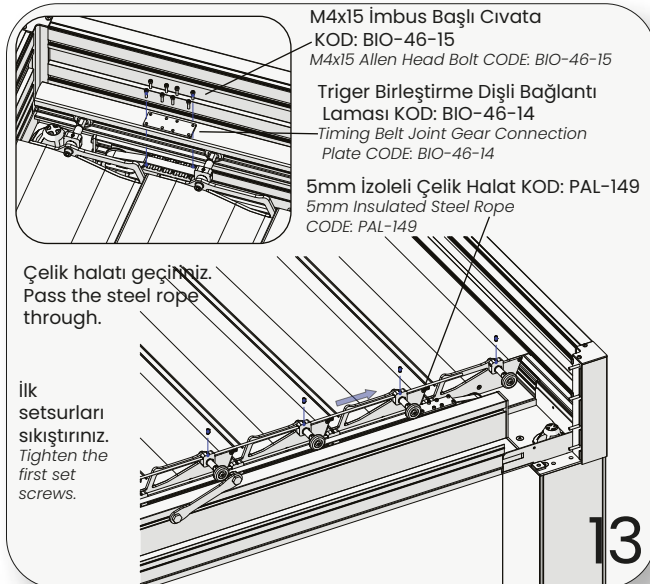
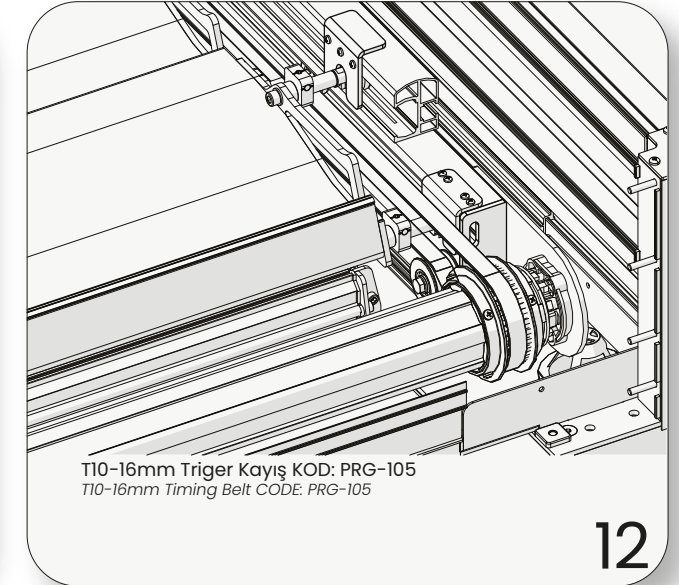
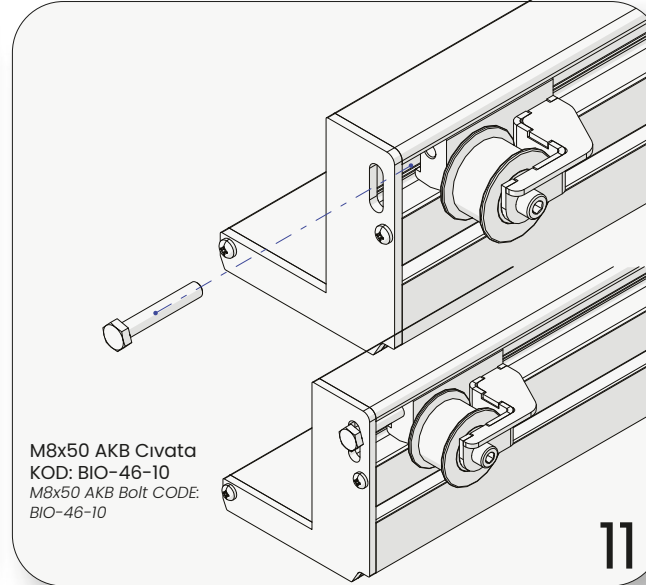
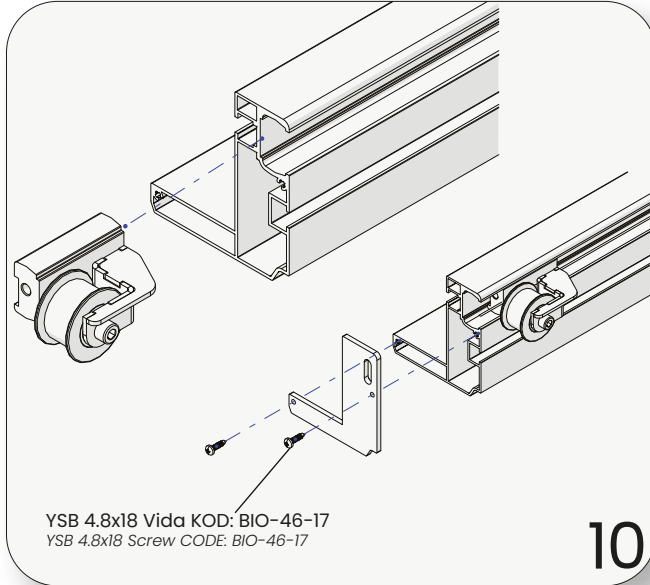
Diamond (C-Kanalı) Sistem Aksesuarları / Diamond (C-Channel) System Accessories

(PANEL MONTAJI/PANEL ASSEMBLY)

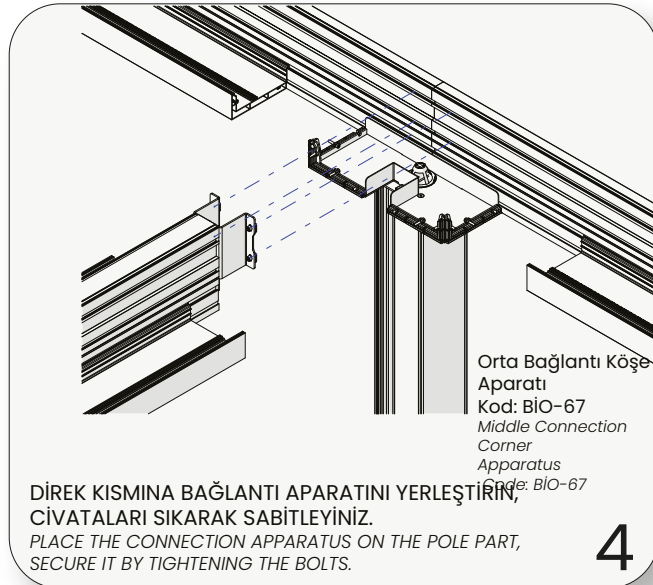
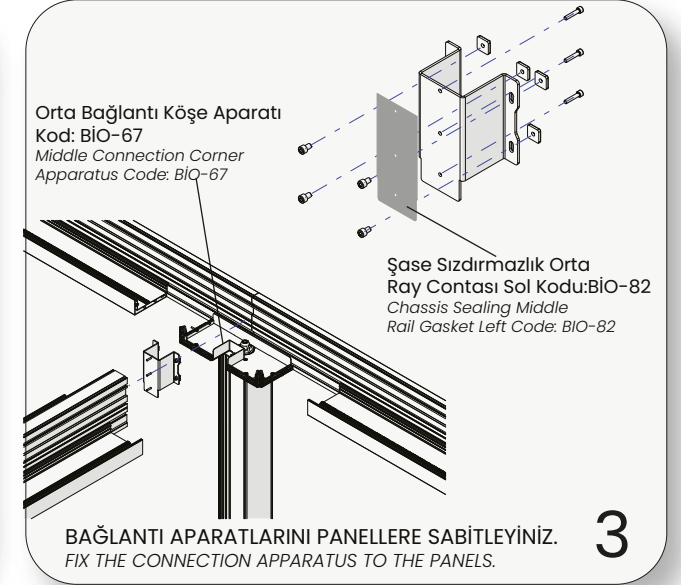
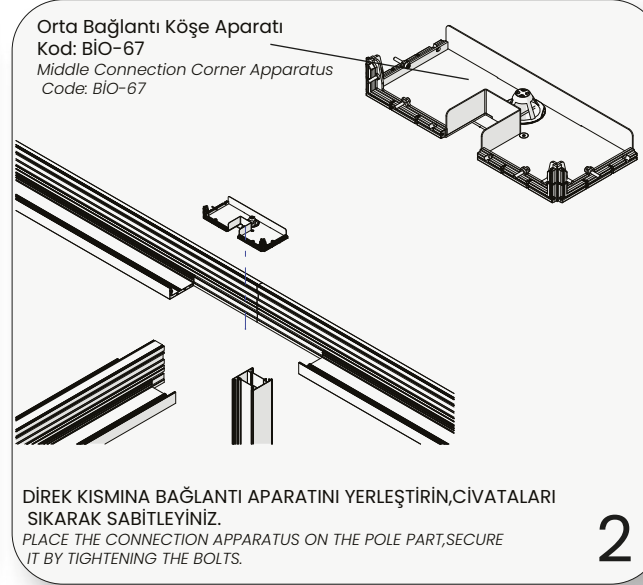
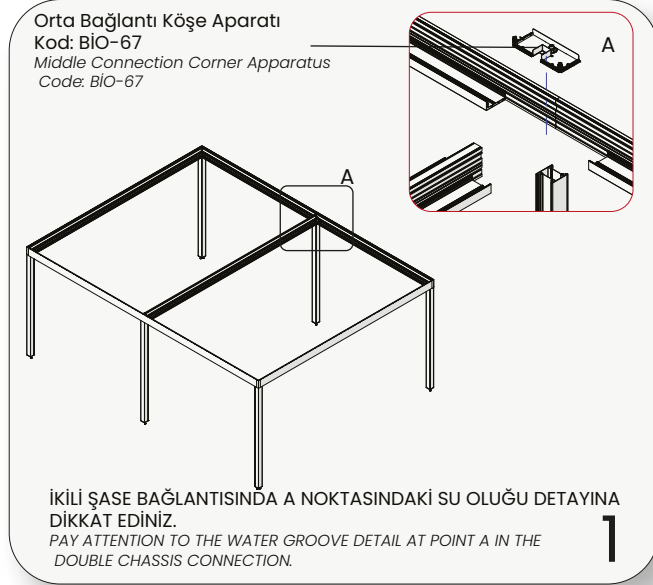


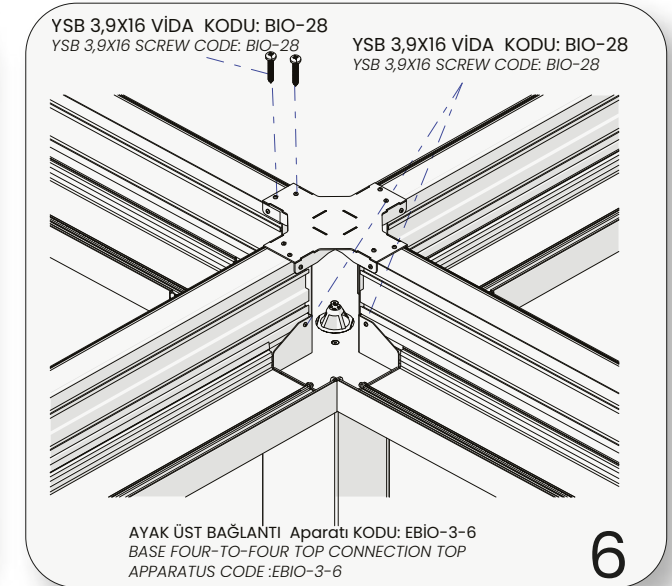
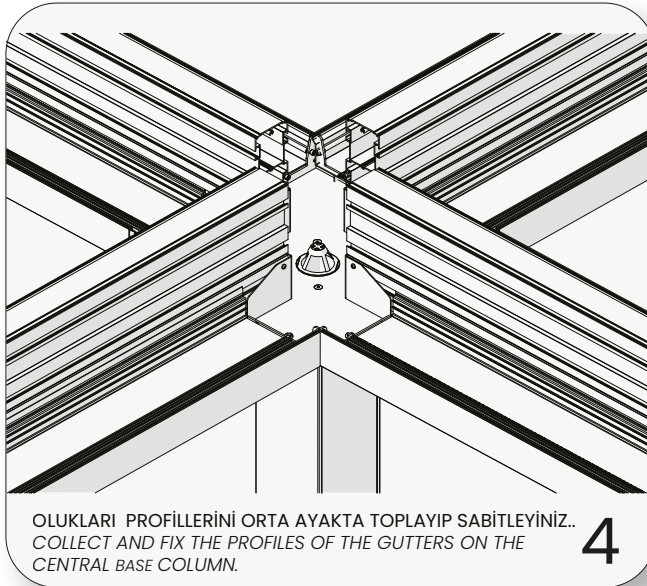
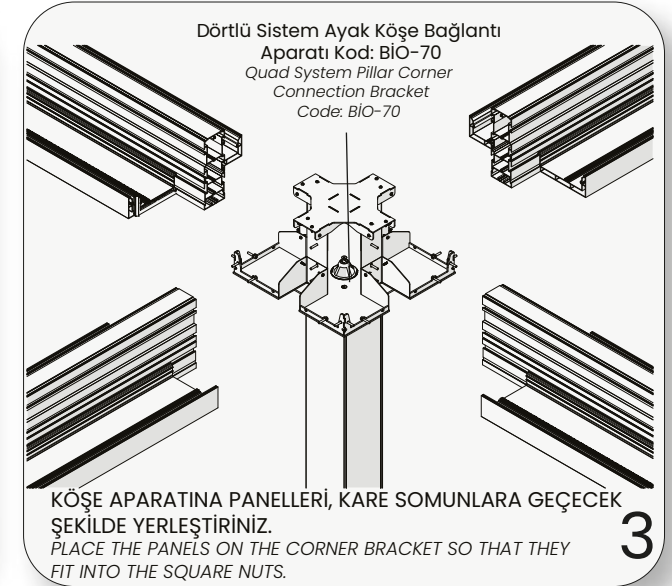
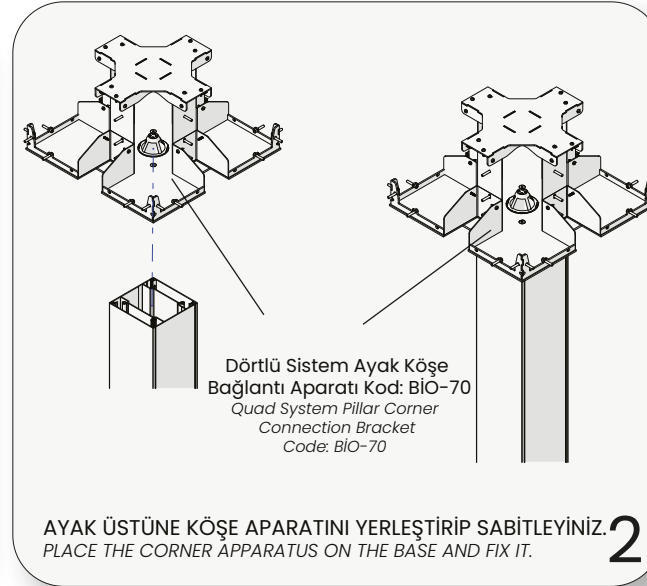
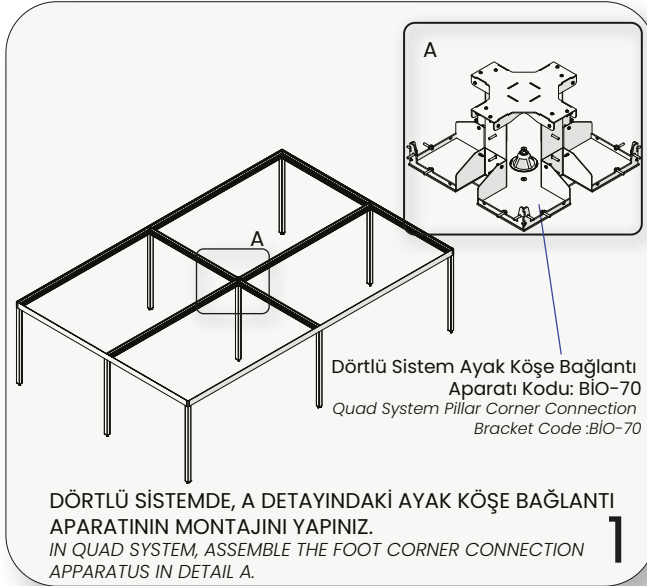
Diamond (C-Kanalı) Sistem Aksesuarları / Diamond (C-Channel) System Accessories

(PANEL MONTAJI/PANEL ASSEMBLY)

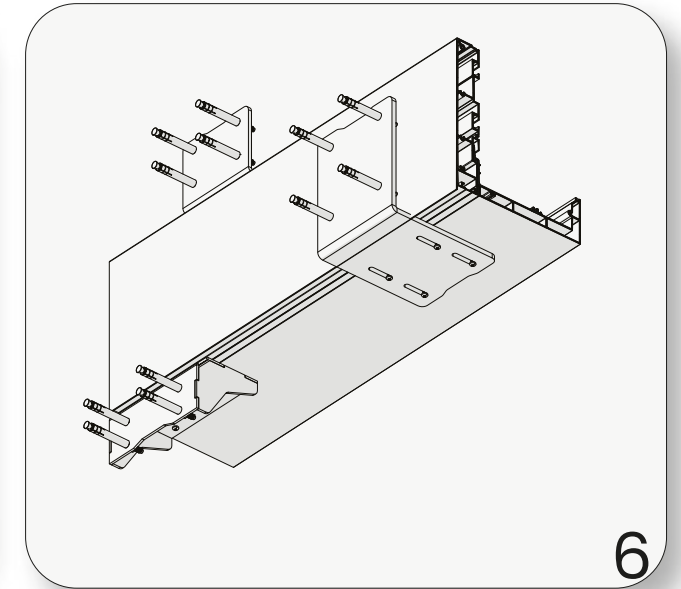
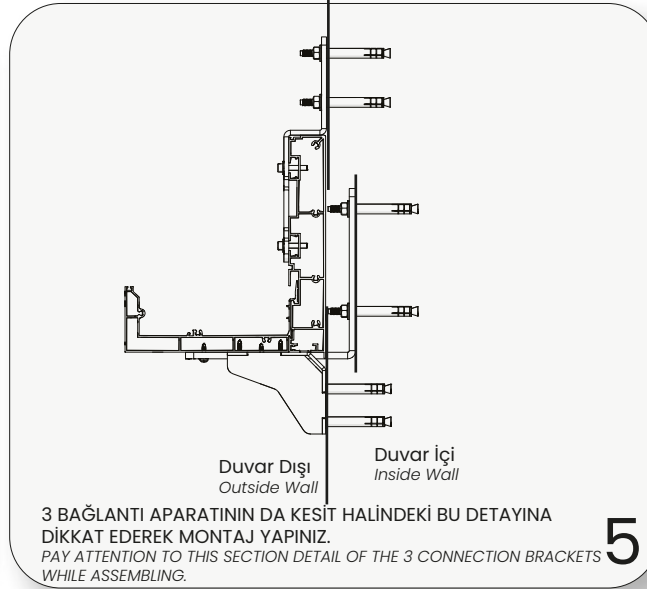
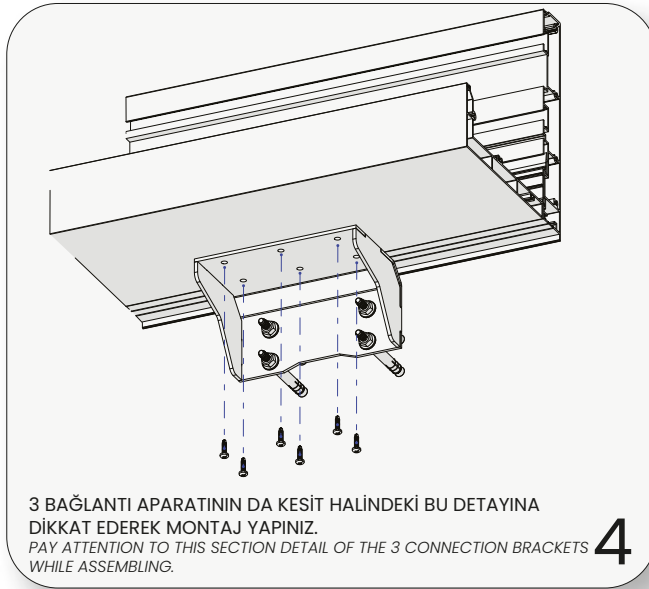
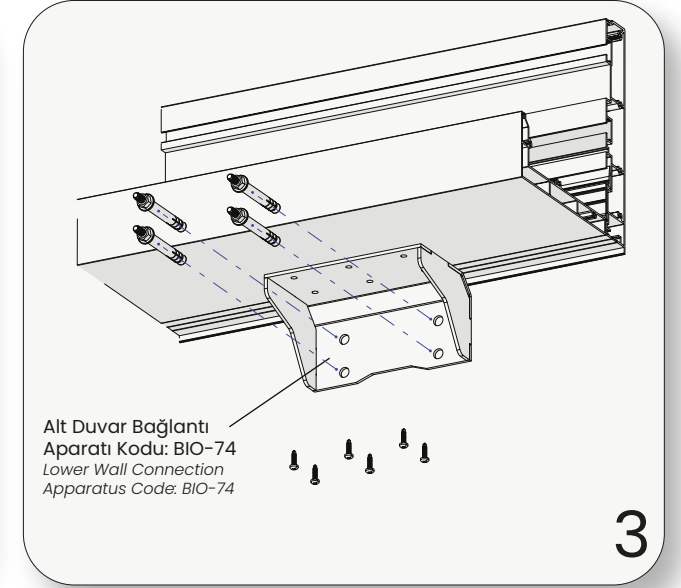
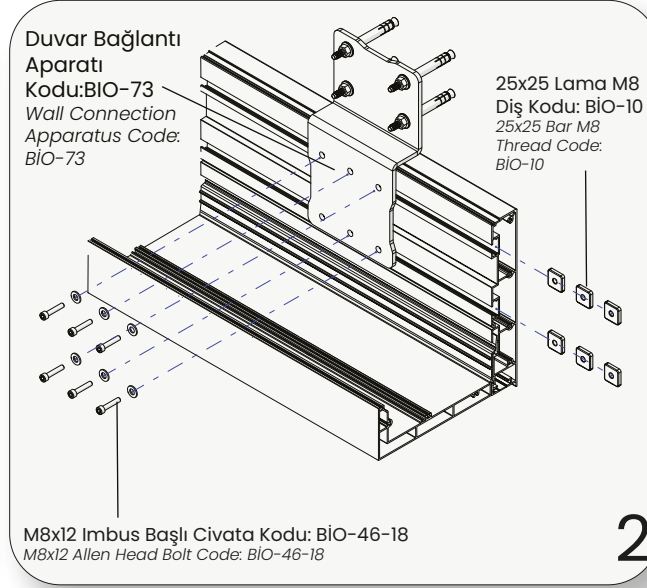
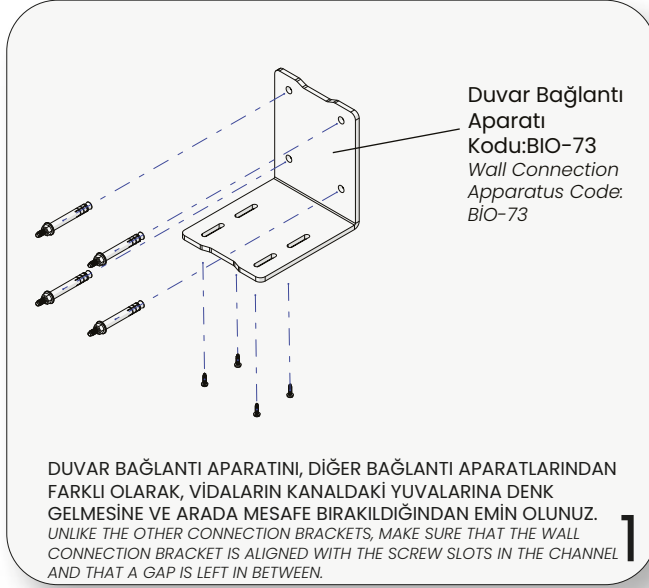


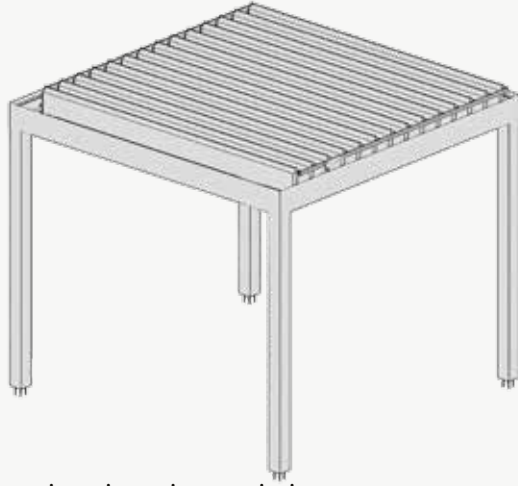
2'li Şase Montaj Şeması / 2 Chassis Mounting Diagram





Duvar Askı Montaj Şeması / Wall Hanger Mounting Diagram





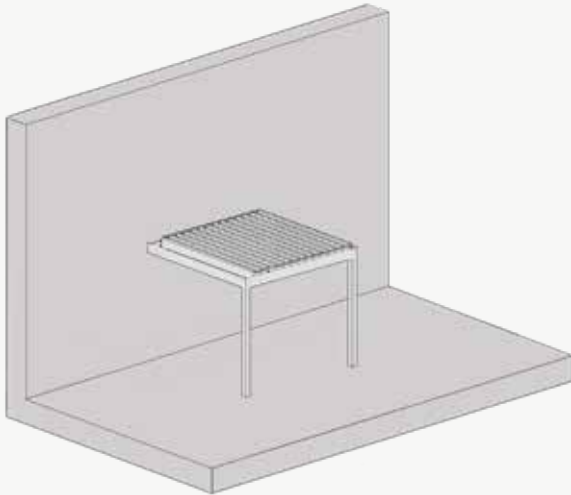
BİOKLİMATİK TEKİLİ SİSTEM
SINGLE SYSTEM



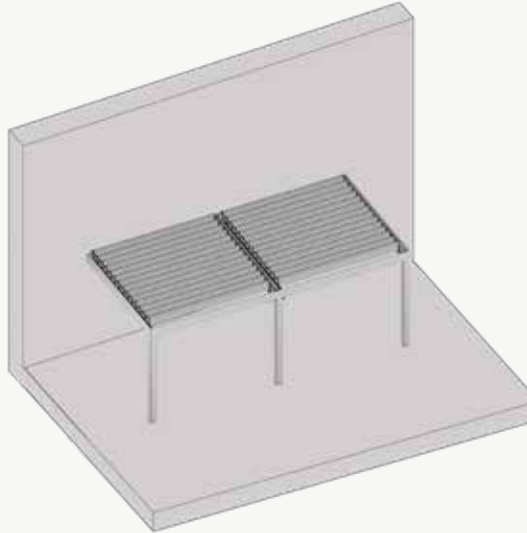
BİOKLİMATİK İKİLİ SİSTEM
VENTO DOUBLE SYSTEM



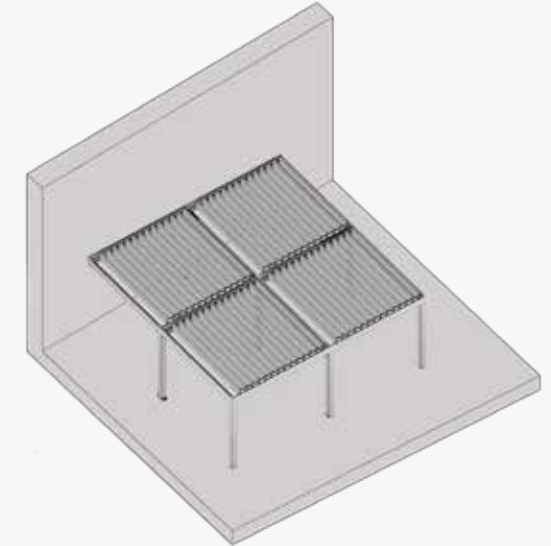
BİOKLİMATİK ÇOKLU SİSTEM
VENTO MULTIPLE SYSTEM



BİOKLİMATİK TEKİLİ SİSTEM
VENTO SINGLE SYSTEM



BİOKLİMATİK İKİLİ SİSTEM
VENTO DOUBLE SYSTEM



BİOKLİMATİK ÇOKLU SİSTEM
VENTO MULTIPLE SYSTEM

CARE & PROJECT SELECTION

Bakım ve proje seçimi

FINISH SELECTION

Confirm the finish code, texture and gloss using a physical sample. Printed and screen colors are illustrative.

Renk kodunu, dokuyu ve parlaklığı fiziksel numune ile doğrulayın. Baskı ve ekran renkleri temsildir.

ROUTINE CARE

Use a soft cloth and a mild, non-abrasive cleaner compatible with the finish. Keep accessible tracks and drainage paths clear. Follow component instructions.

Yüzeye uygun, aşındırıcı olmayan hafif temizleyici ve yumuşak bez kullanın. Erişilebilir ray ve tahliye kanallarını açık tutun. Bileşen talimatlarına uyun.

OPERATION

Follow the product operating instructions. Keep moving parts clear and stop use if panels, guides or hardware are damaged.

Ürün kullanım talimatlarına uyun. Hareket alanlarını açık tutun; panel, kılavuz veya aksesuarda hasar varsa kullanımı durdurun.

PROJECT DOCUMENTS

Confirm the opening dimensions, installation surfaces, selected components and approved drawings before fabrication.

Üretim öncesinde açıklık ölçülerini, montaj yüzeylerini, seçilen bileşenleri ve onaylı çizimleri doğrulayın.

SPECIFY YOUR PROJECT

Sipariş hazırlığı / Required project information

01 LOCATION

Project address, exposure and intended use.

Proje adresi, çevre koşulları ve kullanım amacı.

02 DIMENSIONS

Width × height for openings; width × depth × height for roof systems.

Açıklıklarda genişlik × yükseklik; tavanlarda genişlik × derinlik × yükseklik.

03 CONFIGURATION

Profile codes, panel layout, infill, finish and selected accessories.

Profil kodları, panel düzeni, dolgu, yüzey kaplaması ve aksesuarlar.

04 INSTALLATION

Support locations, mounting surfaces, drainage and service access.

Mesnet konumları, montaj yüzeyleri, tahliye ve servis erişimi.

05 CONFIRMATION

Final fabrication dimensions in mm. Inch values are secondary references.

Nihai üretim ölçüleri mm olarak belirlenir. İnç değerleri yardımcı referanstır.

UNIT REFERENCE | 1 in = 25.4 mm | 1 ft = 304.8 mm | 1 m² ≈ 10.7639 ft²

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MM (FEET-INCH)

Metric dimensions govern fabrication. Imperial values in parentheses are approximate references.

Primary unit: mm. Values ≥ 800 mm: nearest 1/16 in. Smaller values: decimal inches to 0.001 in. P = source drawing page.

1.2 mm ($\approx 0'-0.047''$)	P8	34.87 mm ($\approx 0'-1.373''$)	P12	138.09 mm ($\approx 0'-5.437''$)	P12
1.4 mm ($\approx 0'-0.055''$)	P13	35 mm ($\approx 0'-1.378''$)	P8	164 mm ($\approx 0'-6.457''$)	P8
1.5 mm ($\approx 0'-0.059''$)	P8,9	45 mm ($\approx 0'-1.772''$)	P7,13	170 mm ($\approx 0'-6.693''$)	P8
1.6 mm ($\approx 0'-0.063''$)	P9	45.5 mm ($\approx 0'-1.791''$)	P10	192.3 mm ($\approx 0'-7.571''$)	P12
1.7 mm ($\approx 0'-0.067''$)	P7	55 mm ($\approx 0'-2.165''$)	P7	212 mm ($\approx 0'-8.346''$)	P7
1.8 mm ($\approx 0'-0.071''$)	P9,11,12	60 mm ($\approx 0'-2.362''$)	P13	234.18 mm ($\approx 0'-9.220''$)	P11
1.9 mm ($\approx 0'-0.075''$)	P12	61.5 mm ($\approx 0'-2.421''$)	P9	265 mm ($\approx 0'-10.433''$)	P7
2 mm ($\approx 0'-0.079''$)	P7,9,12,13	65.1 mm ($\approx 0'-2.563''$)	P13	273 mm ($\approx 0'-10.748''$)	P7
2.3 mm ($\approx 0'-0.091''$)	P8,13	71.4 mm ($\approx 0'-2.811''$)	P9	289.89 mm ($\approx 0'-11.413''$)	P7
2.4 mm ($\approx 0'-0.094''$)	P8	72.3 mm ($\approx 0'-2.846''$)	P9,12		
2.5 mm ($\approx 0'-0.098''$)	P7,11	72.5 mm ($\approx 0'-2.854''$)	P9		
2.8 mm ($\approx 0'-0.110''$)	P11	75 mm ($\approx 0'-2.953''$)	P15,22		
3 mm ($\approx 0'-0.118''$)	P10,13	75.4 mm ($\approx 0'-2.969''$)	P13		
5 mm ($\approx 0'-0.197''$)	P9,11,21,40	75.75 mm ($\approx 0'-2.982''$)	P12		
6.4 mm ($\approx 0'-0.252''$)	P8	86 mm ($\approx 0'-3.386''$)	P9,11		
9.44 mm ($\approx 0'-0.372''$)	P11	87 mm ($\approx 0'-3.425''$)	P7		
14 mm ($\approx 0'-0.551''$)	P21	88 mm ($\approx 0'-3.465''$)	P9,12		
16 mm ($\approx 0'-0.630''$)	P15,25,40	90 mm ($\approx 0'-3.543''$)	P7,9,11		
19 mm ($\approx 0'-0.748''$)	P10	106 mm ($\approx 0'-4.173''$)	P11		
19.27 mm ($\approx 0'-0.759''$)	P8	114.5 mm ($\approx 0'-4.508''$)	P13		
20 mm ($\approx 0'-0.787''$)	P8	120 mm ($\approx 0'-4.724''$)	P13		
30 mm ($\approx 0'-1.181''$)	P9	127.54 mm ($\approx 0'-5.021''$)	P9,11		
31 mm ($\approx 0'-1.220''$)	P12	130.5 mm ($\approx 0'-5.138''$)	P11		
32.85 mm ($\approx 0'-1.293''$)	P12	132.1 mm ($\approx 0'-5.201''$)	P12		

Ölçüler mm esaslıdır. Parantez içi feet-inch değerleri yuvarlatılmıştır; üretim ölçüsü olarak kullanılmaz.

FINISH & PROJECT SPECIFICATION

Renk, sipariş ve proje hazırlığı | Selected design direction; final configuration by project.

MATERIAL & FINISH

6063-T6 ALUMINUM PROFILES

Use the confirmed alloy/temper for aluminum profiles. Record profile code, wall thickness and material certificate in the order file.

Alüminyum profil malzemesi teyittir. Kesit, et kalınlığı ve sertifika sipariş dosyasında eşleştirilir.

SELECTED FINISH DIRECTION

Primary: RAL 7016 - Anthracite grey
Alternates: RAL 9005 - Jet black
RAL 9016 - Traffic white
Design preference: matte powder-coated finish.

Tasarım tercihi: mat antrasit; siyah ve beyaz alternatif. Üretilebilirlik ve kaplama sistemi tedarikçiyle, renk ve doku fiziksel numuneyle kesinleştirilir.

These are proposed finish selections, not confirmed stock options. Printed/screen colors do not replace a physical sample.

SYSTEM ORDERING NOTES

VENTO ROOF

Record plan width x projection, post height, louver direction and drainage outlets.

Plan genişliği x derinlik, dikme yüksekliği, lamel yönü ve su çıkışları.

INSTALLATION INTERFACES

Show support and fixing details, drainage discharge and service access on the project drawing. Size members and anchors for the actual site.

Mesnetler, bağlantılar, su tahliyesi ve servis erişimi çizimde gösterilir. Profil ve ankraj boyutu saha hesabıyla belirlenir.

Production dimensions: mm. Parenthesized feet-inch values are approximate. Use the dimension reference appendix for drawing-page conversions.

PERFORMANCE & SCOPE

PROJECT PERFORMANCE

Wind, snow and uplift ratings require a site-specific design or an applicable tested assembly. Published dimensions alone do not establish load capacity.

Yük ve kullanım sınırları proje/ürün belgesiyle belirlenir. 6063-T6 tanımı tek başına sistem kapasitesi belgesi değildir.

OPERATION & CARE

For powered configurations, identify the drive, controller, supply voltage/frequency and U.S. suitability before purchase. Motor lift capacity is separate from wind resistance.

Bakım: uygun üretici talimatını izle; drenaj ve hareket yollarını temiz tut. Hasarlı, sıkışmış veya buzlanmış hareketli sistemi çalıştırma.

Supply, installation, freight, electrical work, permits and warranty coverage are defined in the written project offer. This catalog does not set a warranty duration or add commercial scope.

TECHNICAL DATA | VENTO

Katalog kaynaklı teknik bilgi özeti / Source-backed component and system references

Listed drive option	PAL-138 SOMFY 120 Nm, listed under Diamond (C-channel) system accessories.	Source PDF p. 20
Drive components	BIO-44 piston motor set; BIO-45 motor set; PAL-140 Somfy motor bracket.	Source PDF p. 20
Application scope	The listed motor option belongs to the referenced accessory group. Final motor selection depends on the ordered system configuration.	Source PDF p. 20

SPECIFICATION BASIS

Aluminum profiles: 6063-T6, per LATVERA supplier confirmation. Referenced certificate file 25 was not received or verified with this set. Component options and catalog masses do not establish site-specific structural or lifting capacity. Primary dimensions are mm; imperial values are approximate.