





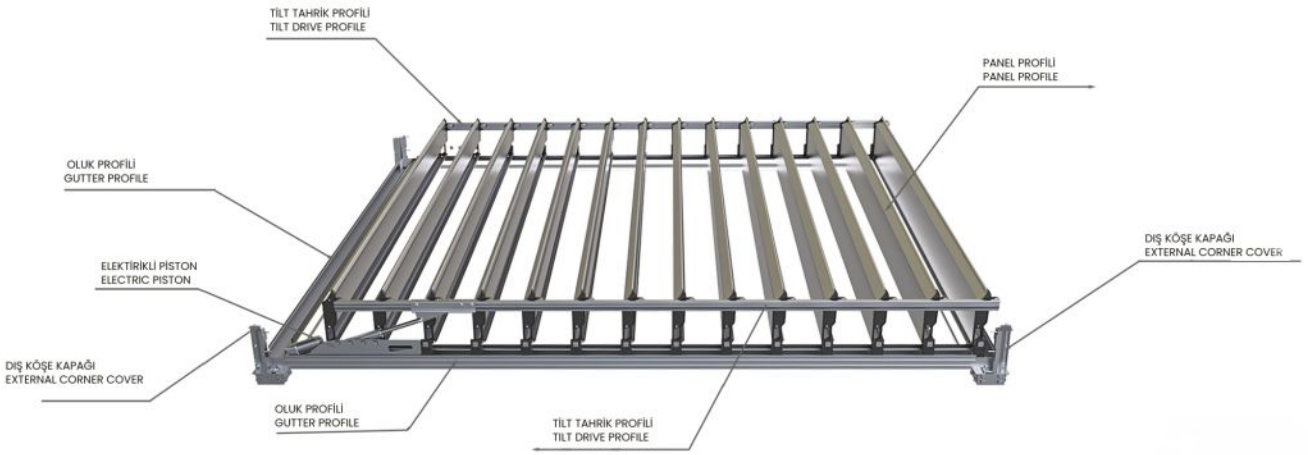


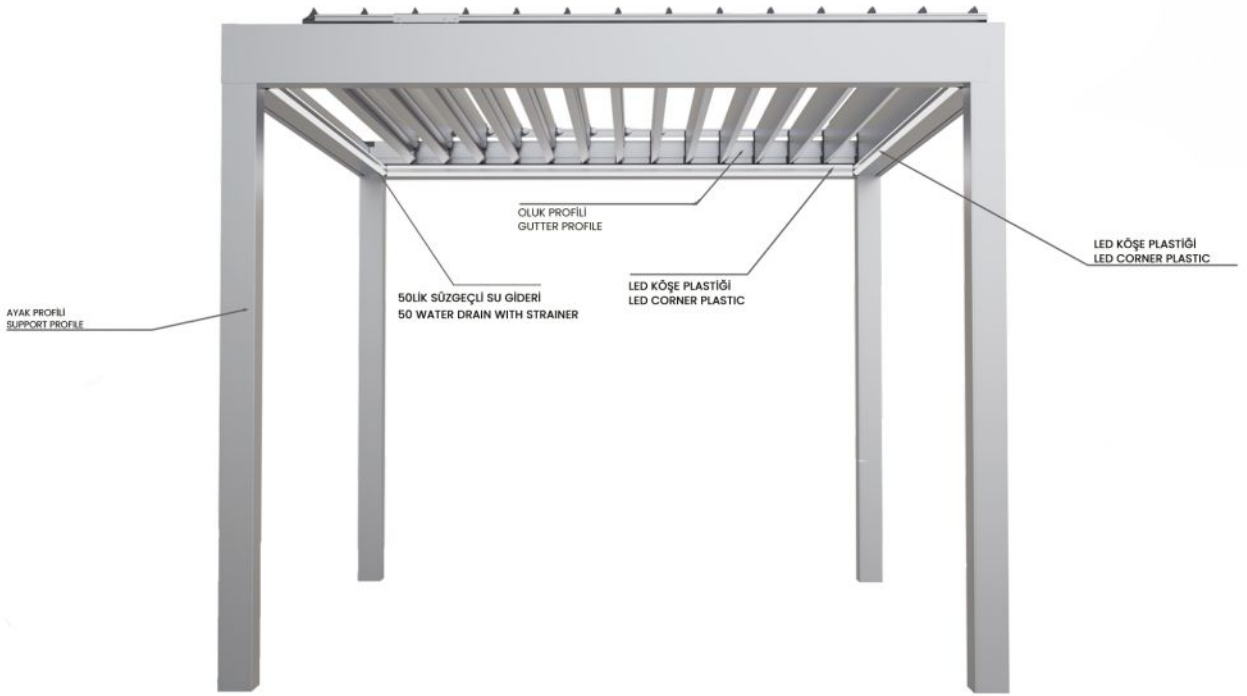
ECOLINE BIOCLIMATIC PERGOLA

ECOLINE BIOCLIMATIC PERGOLA

Ecoline Bioclimatic sistemi, dönebilen panelleri sayesinde güneş ışığını kontrol eder ve çeşitli iklim koşullarına karşı koruma sağlar. Otomatik havalandırma sistemi ile iç mekân sıcaklığı düzenlenebilir ve hava sirkülasyonu sağlanabilir. Ayrıca LED aydınlatma, ısıtma ve entegre müzik sistemleri gibi aksesuarlarla donatılabilir. Lavin, bahçelerde, teraslarda ve verandalarda konforlu dış mekân yaşam alanları oluşturmak için ideal bir çözümdür.

Ecoline Bioclimatic controls sunlight with its rotatable panels and provides protection against climatic conditions. Indoor temperature can be adjusted and air circulation can be provided with the automatic ventilation system. It can be equipped with accessories such as LED lighting, heating and music systems. It is an ideal option for creating comfortable outdoor areas in gardens, terraces and verandas.





IŞIK VE GÖLGELENDİRME KONTROLÜ

Light and Shade Control

Panellerin açısı ayarlanarak gün ışığı miktarı kolayca kontrol edilebilir.Güneş ışınlarının yoğun olduğu saatlerde panelleri daha kapalı konuma getirerek gölge oluşturulabilir.

The amount of daylight can be easily controlled by adjusting the angle of the panels. During the hours when the sun's rays are intense, shade can be created by turning the panels more closed.

HAVA SİRKÜLASYONU VE ISI KONTROLÜ

Air Circulation and Heat Control

Sıcak havalarda panellerin açılması, doğal hava sürkülasyonunu arttırarak serin bir atmosfer yaratır. Kış aylarında ise paneller kapatılarak soğuk hava akışının önüne geçilir ve ısı yalıtımı sağlanır

Opening the panels in hot weather creates a cool atmosphere by increasing natural air circulation. In winter, the panels are closed to prevent cold air flow and provide thermal insulation.

YAĞMUR VE RÜZGAR KORUMASI

Rain and Wind Protection

Yağmulu havalarda panellerin eğimi artırılarak suyun akışı yönlenirilir ve iç mekan kuru kalır. Rüzgarlı havalarda ise panellerin uygun açıda konumlandırılması, rüzgarın etkisini azaltır.

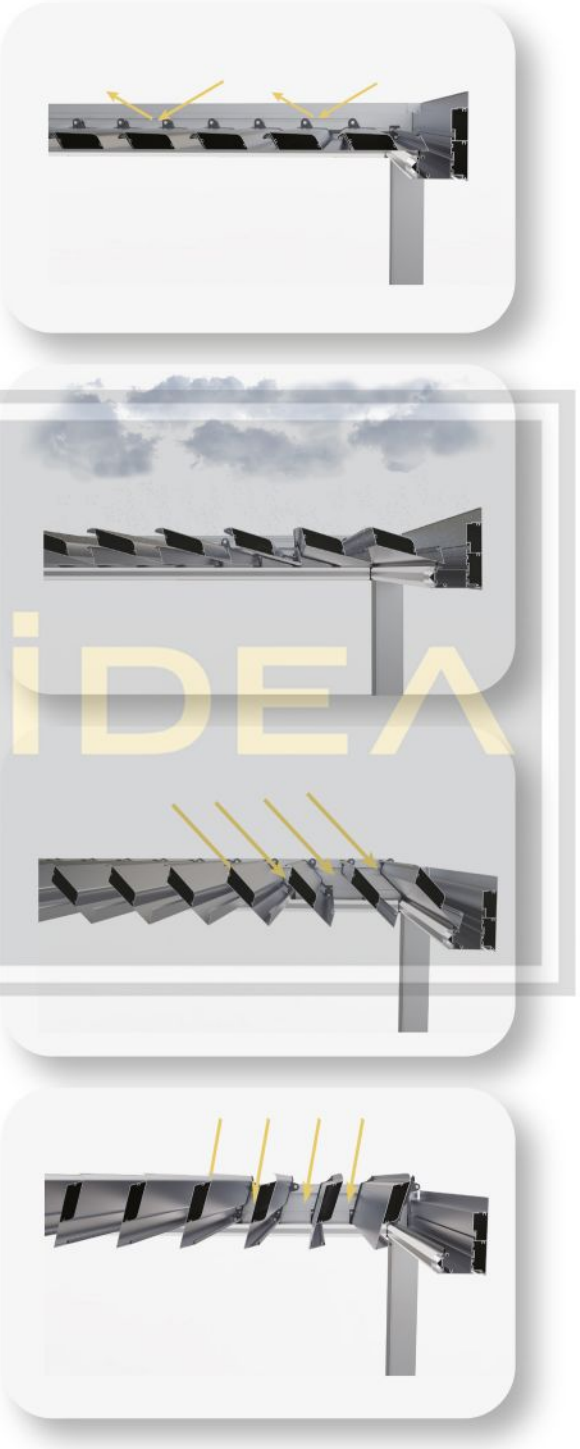
In rainy weather, increasing the tilt o the panels directs the flow of water keeping the interior dry. In windy conditions, positioning the panels at the right andle reduces the impact of the wind.

ENERJİ TASARRUFU VE ÇEVRE DOSTU ÇÖZÜM

Energy Saving and Eco-Friendly Solution

Doğal ışık ve hava sirkülasyonunun optimize edilmesi, enerji tüketimini azaltır. Klima ve ısıtma sistemlerine olan bağımlılık azalırken, çevre dostu bir yaşam alanı oluşturulur.

Optimizing natural light and air circulation reduces energy consumotion. Dependence on air conditioning and heating systems decreases, creating and eco-friendly living spaces.



0°

Lamellerin kapalı kalması her türlü hava koşulundan koruma sağlar.

Provides protection from all weather conditions the roof remains closed.

5°

Yağmur veya kar yağıyor olsa bile alanın havalandırılmasına izin verir

Provide the ventilation of the area even if it is raining or snow

45°

Güneş ışığının girmesine izin verir, yine de aydınlatmayı kontrol eder.

Allow the sunlight to enter, still controls the ligting.

105°

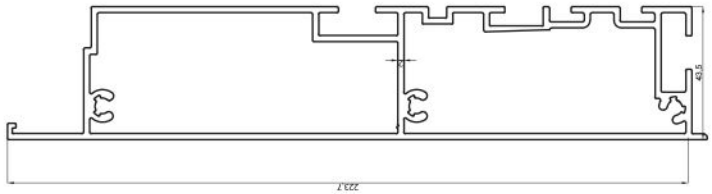
Güneş ışığının tam olarak kullanılmasına izin verir.

Permits full use of the sunlight

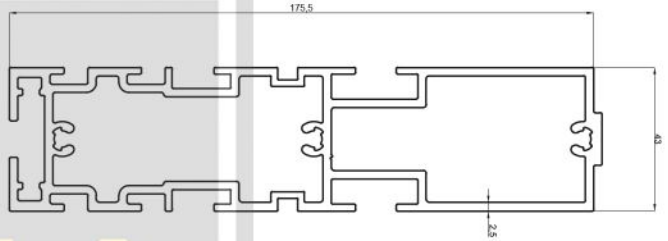
IDEA

Sistem Profilleri / System Profiles

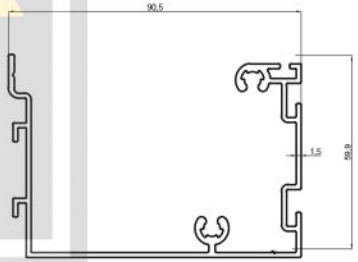


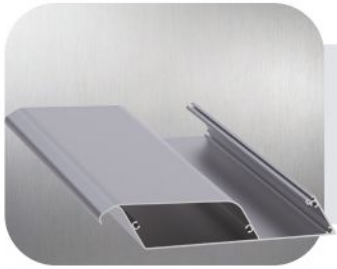


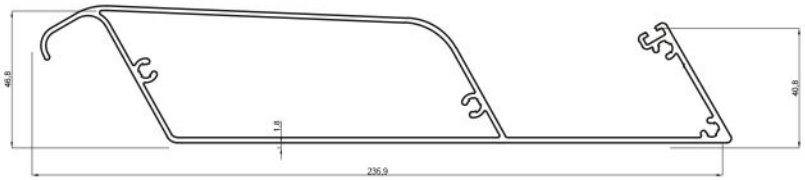


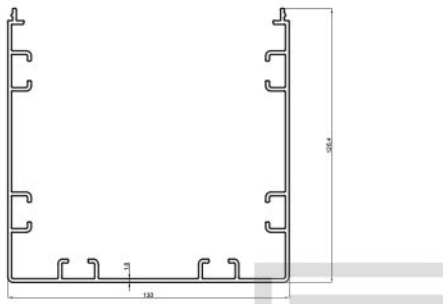




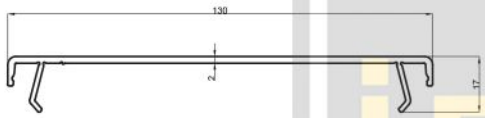




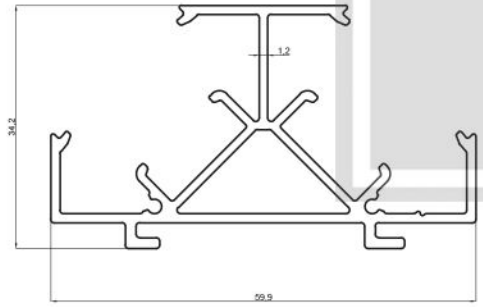




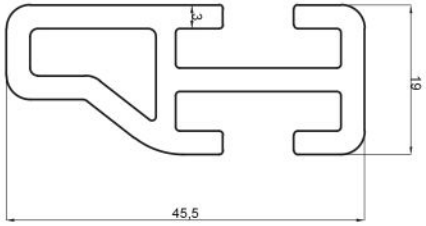



130
2
17



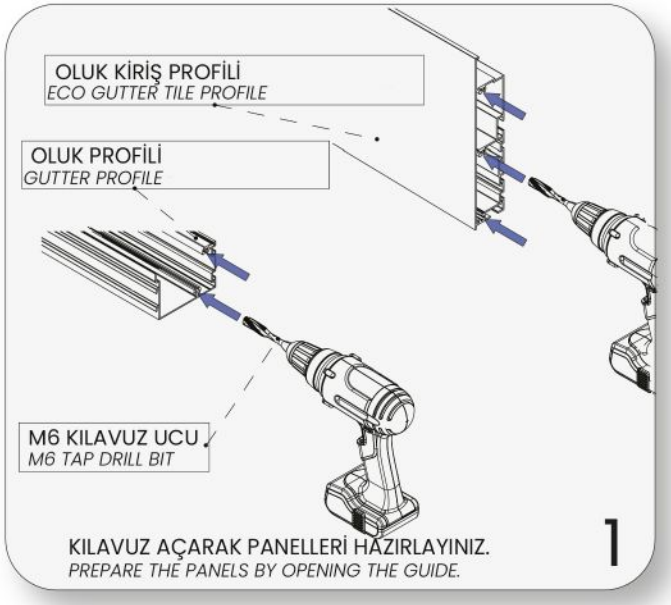

1,2
34,2
59,9




3
19
45,5

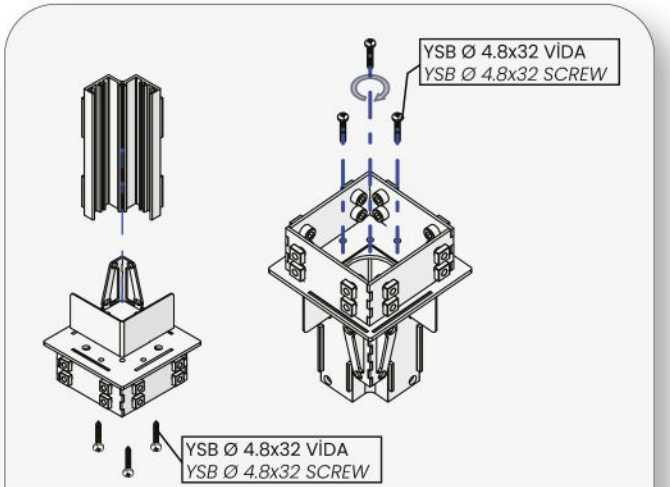


Montaj Şeması / Assembly Diagram



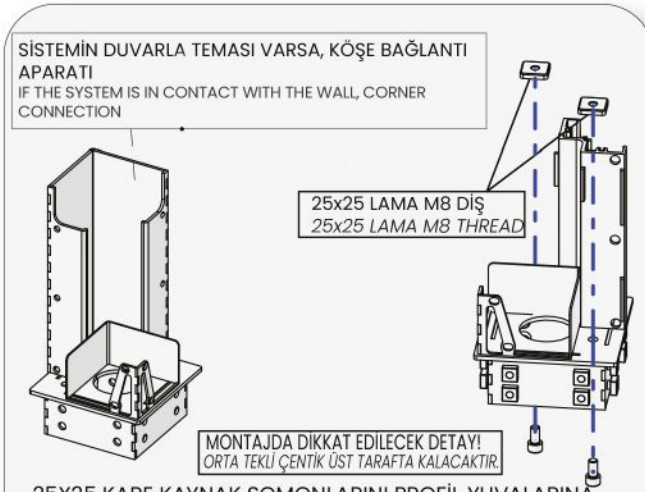
KILAVUZ AÇARAK PANELLERİ HAZIRLAYINIZ.
PREPARE THE PANELS BY OPENING THE GUIDE.

1



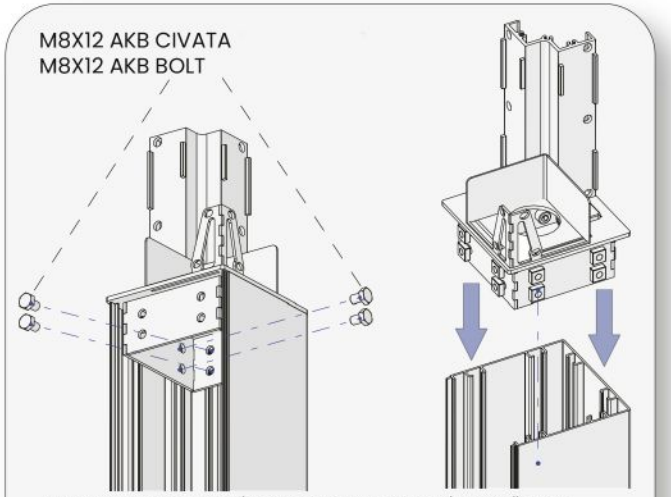
İÇ KÖŞE DİKME APARATINI VİDALARLA MATKAP YARDIMIYLA SABİTLİYORUZ.
WE FIX THE INNER CORNER BRACKET WITH SCREWS USING A DRILL.

2



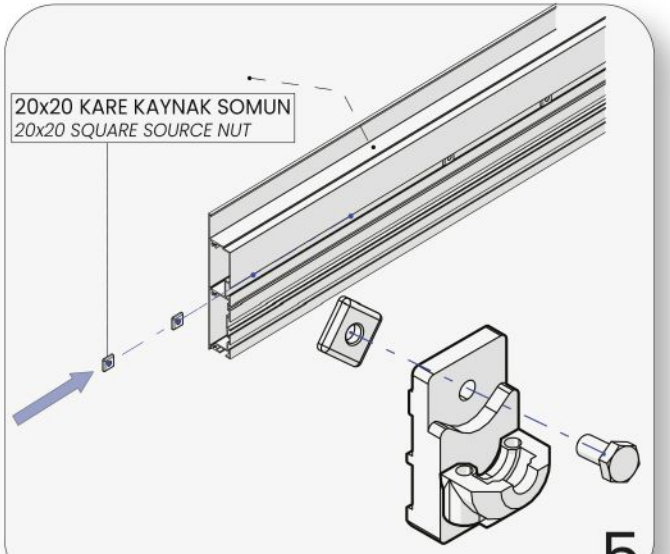
25X25 KARE KAYNAK SOMONLARINI PROFİL YUVALARINA GEÇİREREK ALYANS İLE SABİTLEYİNİZ.
14X14 SQUARE WELDING NUTS INTO PROFILE SLOTS FASTEN IT WITH A WEDDING RING.

3

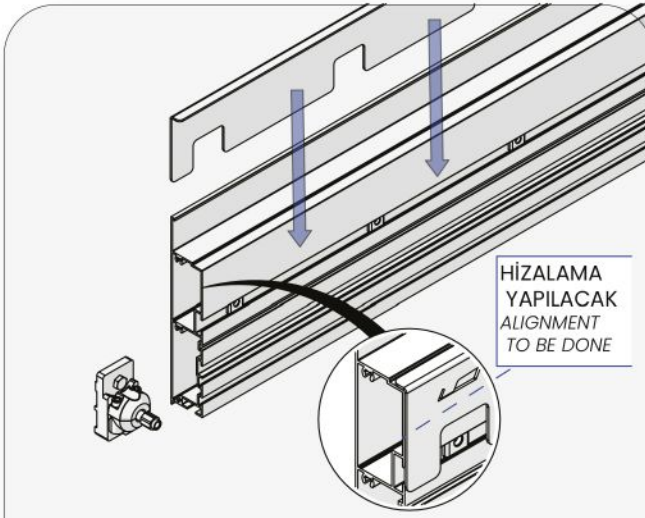


KARE SOMONLARI CİVATAYA UYGUN ŞEKİLDE KÖŞEYE YERLEŞTİRİN.*PLACE THE SQUARE NUTS IN THE CORNER IN ACCORDANCE WITH THE BOLT.*

4



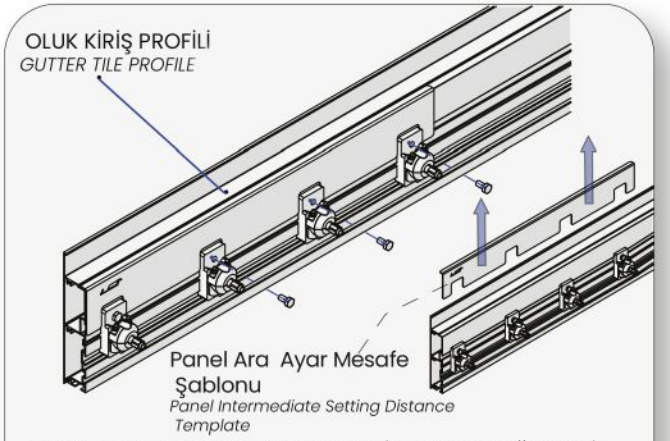
5



RULMAN MİL YATAĞINI KARE SOMUNLARLA HİZALAYIN.
ALIGN THE BEARING SHAFT HOUSING WITH SQUARE NUTS.

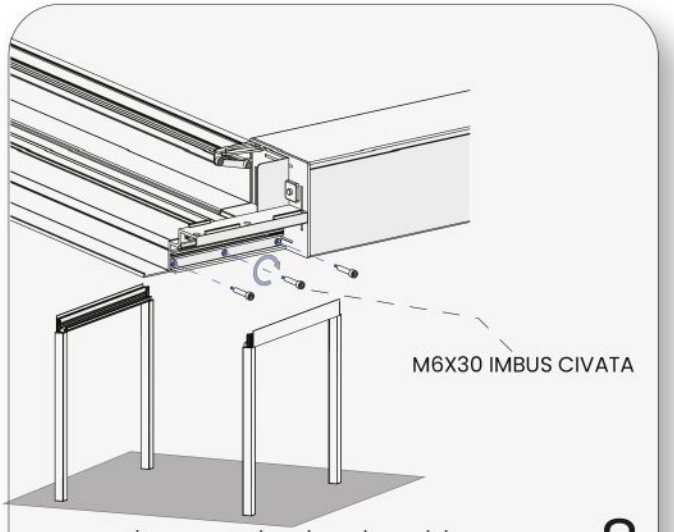
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Şase Montaj Şeması / Assembly Diagram



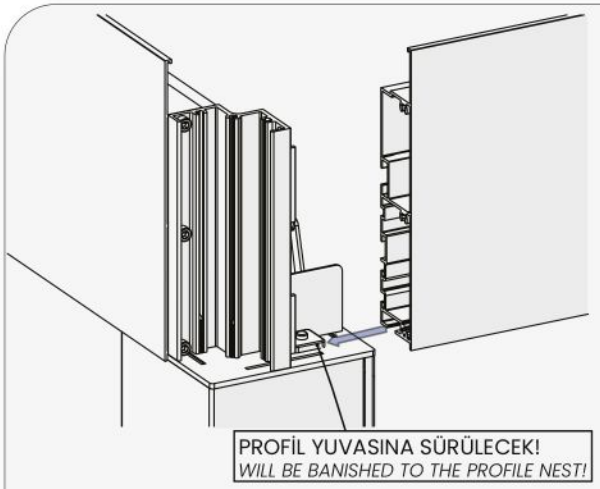
PANEL ARA AYAR MESAFE ŞABLONU İLE AYARLADIĞINIZ MİL YATAKLARINI SABİTLEYİNİZ. İŞLEME DEVAM EDİN VE MİL YATAKLARININ DOĞRULUĞUNU KONTROL EDİNİZ.
FIX THE SHAFT BEARINGS YOU SET WITH THE PANEL INTERMEDIATE ADJUSTMENT DISTANCE TEMPLATE. CONTINUE THE PROCESS AND CHECK THE ACCURACY OF THE SHAFT BEARINGS.

7



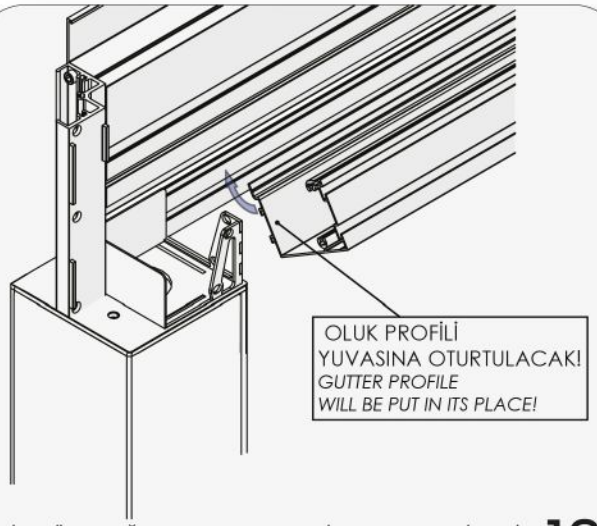
PANELLERİ AYAK PROFİLLERİYLE BİRLEŞTİRİN.
CONNECT THE PANELS WITH THE FOOT PROFILES.

8



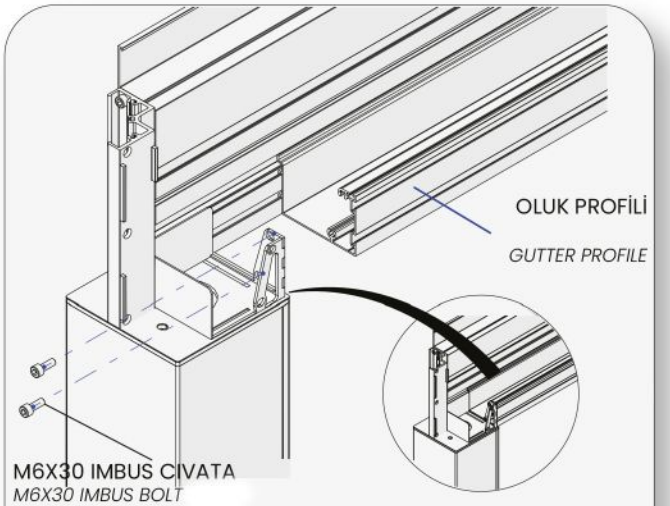
OLUK DİKMELERİNİ KÖŞEDEKİ KARE SOMONLARA HİZALAYIN.
LOCATE THE GILLNUTS TO THE SQUARE SALMON IN THE CORNER.

9



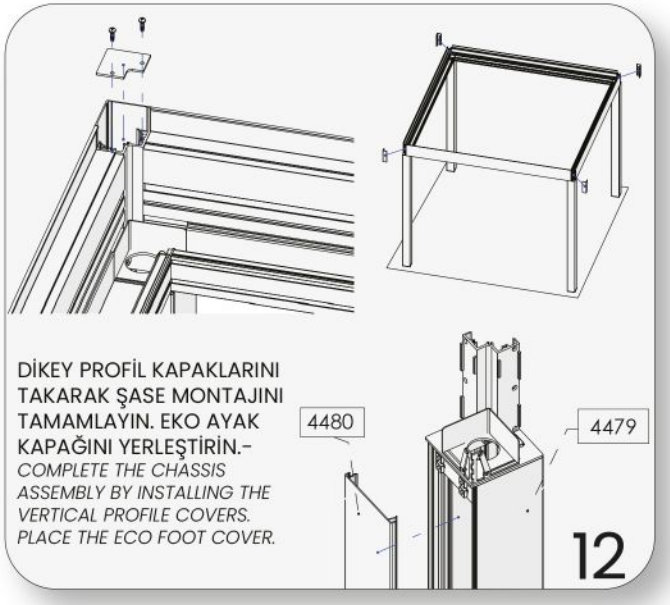
İÇ KÖŞE BAĞLANTI APARATINI VİDALARLA SABİTLEYİN.
FIX THE INNER CORNER BRACKET WITH SCREWS.

10



OLUK PROFİLİNİ YERLEŞTİRİP CİVATALARI TAKIN.
POSITION THE ECO GUTTER PROFILE AND INSTALL THE BOLTS.

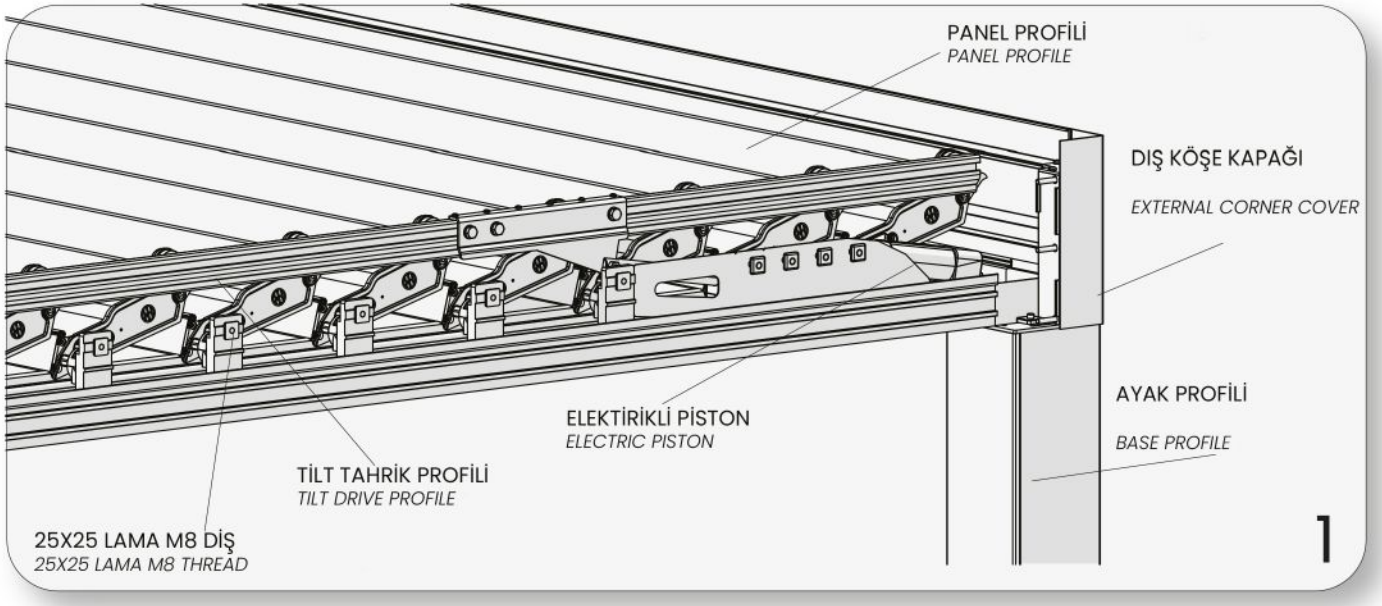
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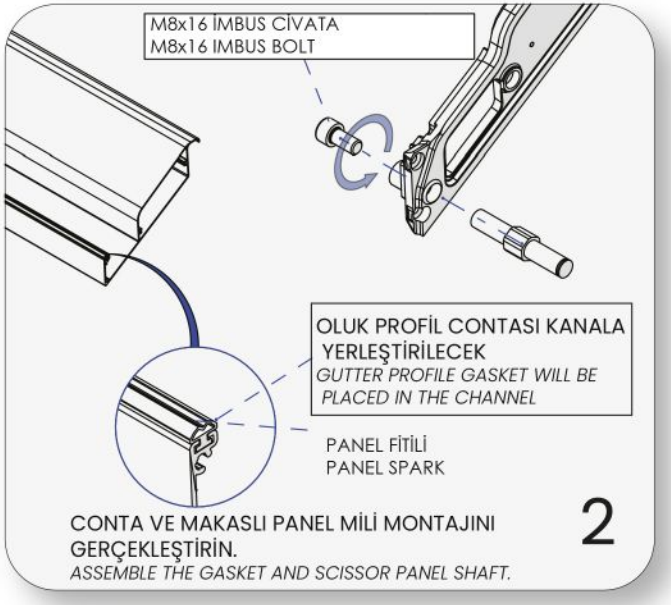


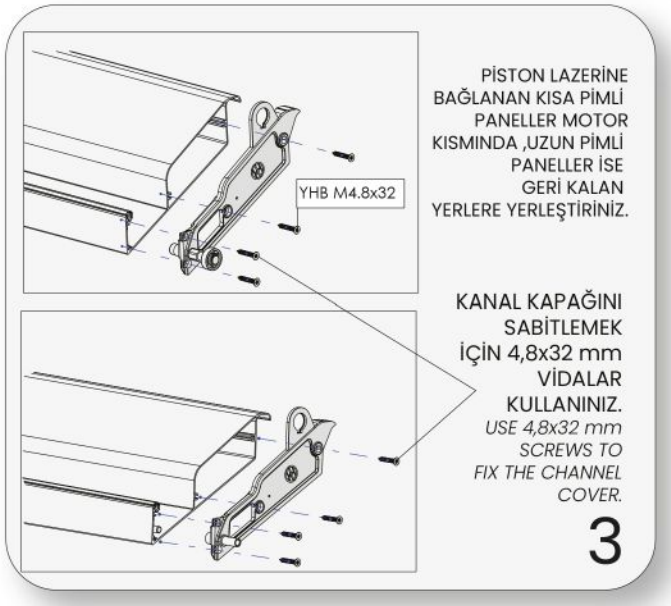
DİKEY PROFİL KAPAKLARINI TAKARAK ŞASE MONTAJINI TAMAMLAYIN. EKO AYAK KAPAĞINI YERLEŞTİRİN.-
COMPLETE THE CHASSIS ASSEMBLY BY INSTALLING THE VERTICAL PROFILE COVERS. PLACE THE ECO FOOT COVER.

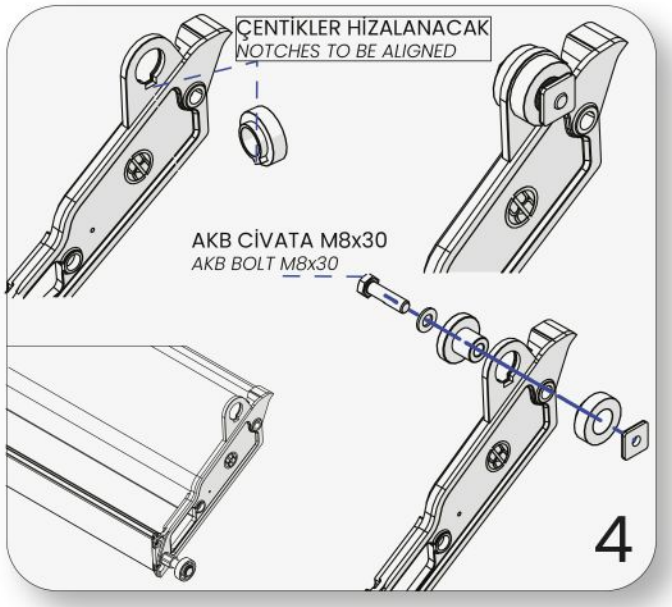
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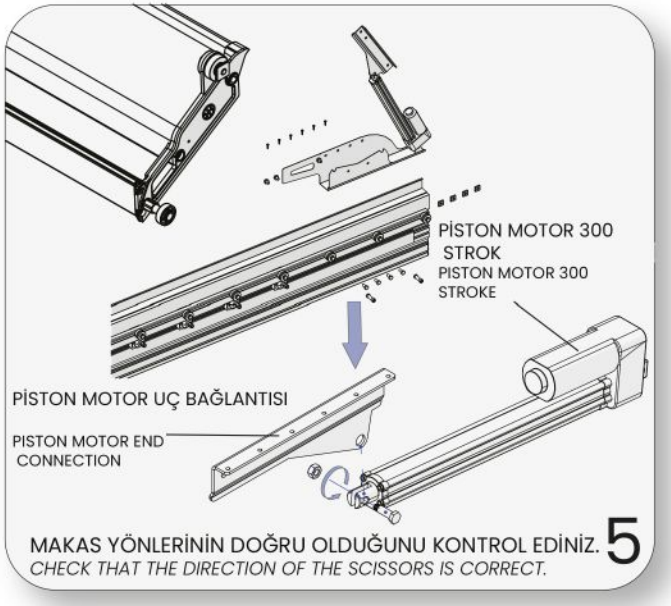
Panel Montaj Şeması /Panel Assembly Diagram



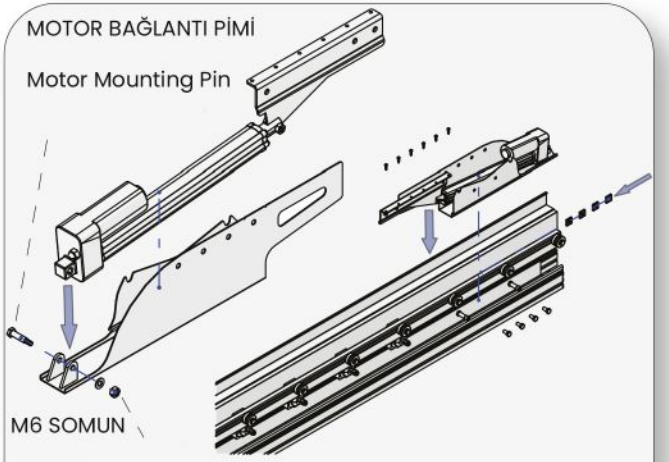






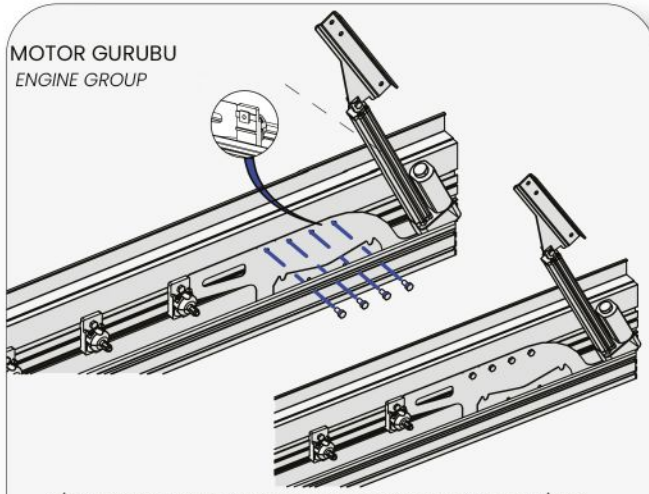


Panel Montaj Şeması /Panel Assembly Diagram



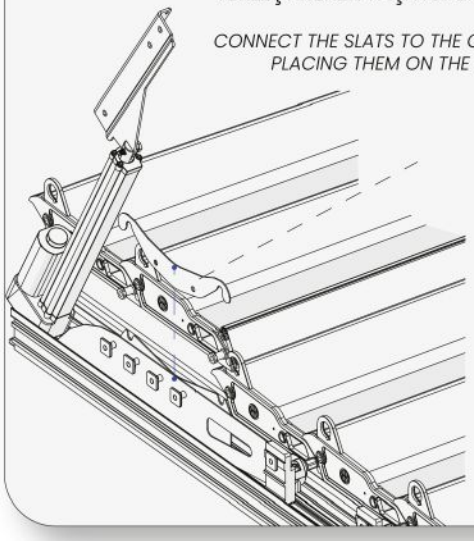
MOTOR GRUBU MONTAJINI TAMAMLAYARAK OLUĞUN İÇERİSİNE YERLEŞTİRİNİZ.
COMPLETE THE ENGINE ASSEMBLY ASSEMBLY AND PLACE IT IN THE GROOVE.

6



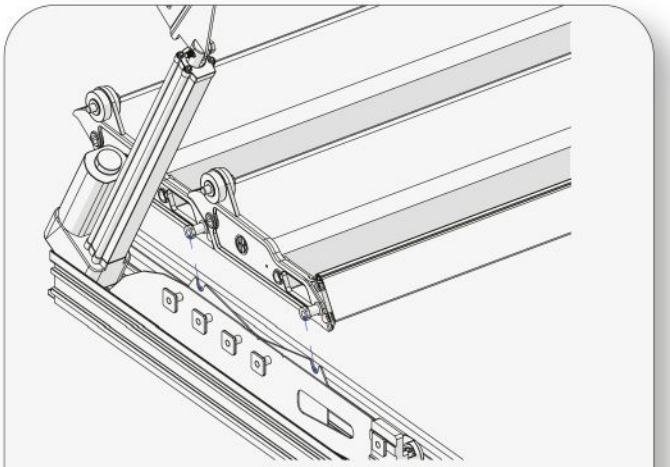
CİVATALARI, KARE SOMUNLARI KARŞILAYACAK ŞEKİLDE TAKARAK MONTAJA DEVAM EDİNİZ.
CONTINUE ASSEMBLY BY INSERTING THE BOLTS IN SUCH A WAY THAT THEY MEET THE SQUARE NUTS.

7



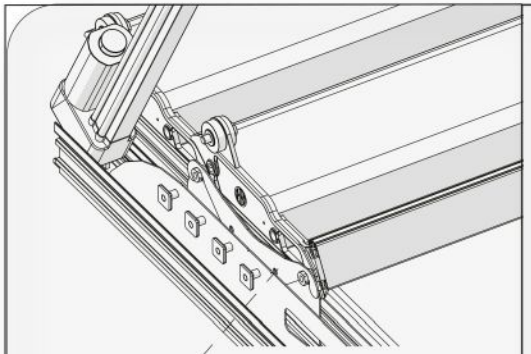
LAMELLERİ, MENTEŞE APARATLARINA YERLEŞTİREREK TAŞIYICI SİSTEME BAĞLAYINIZ.
CONNECT THE SLATS TO THE CARRIER SYSTEM BY PLACING THEM ON THE HINGE APPARATUS.

8

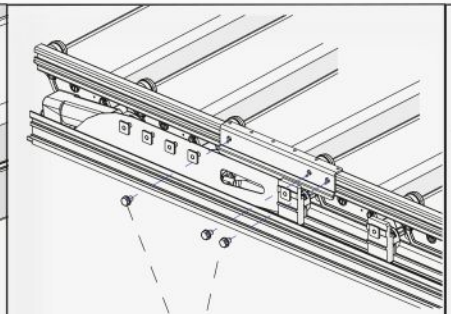


MOTOR MEKANİZMASINI RAY YUVASINA YERLEŞTİREREK MENTEŞEYE SABİTLEYİNİZ.
FIX THE MOTOR MECHANISM TO THE HINGE BY INSERTING IT INTO THE RAIL SLOT.

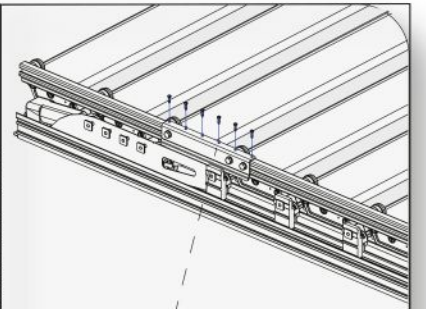
9



MOTOR PANEL TUTUCU KODU
ENGINE PANEL HOLDER CODE



AKB M6X10 CIVATA KODU
AKB M6X10 CIVATA KODU

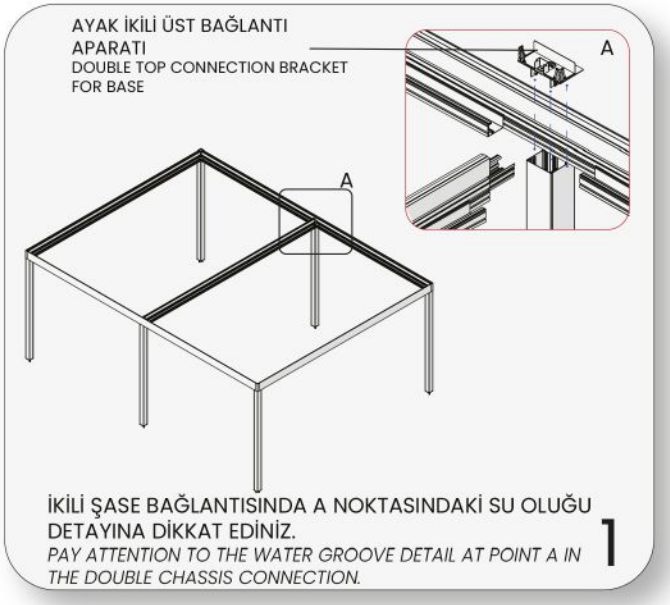


PİSTON MOTOR UÇ BAĞLANTISI
APISTON MOTOR END CONNECTION

MOTORUN UÇ KISMINI KİLİT SACINA YANLARDAN VE ÜSTTEN SABİTLEYEREK MONTAJI TAMAMLAYINIZ.
COMPLETE THE ASSEMBLY BY FIXING THE END PART OF THE MOTOR TO THE LOCK PLATE FROM THE SIDES AND TOP.

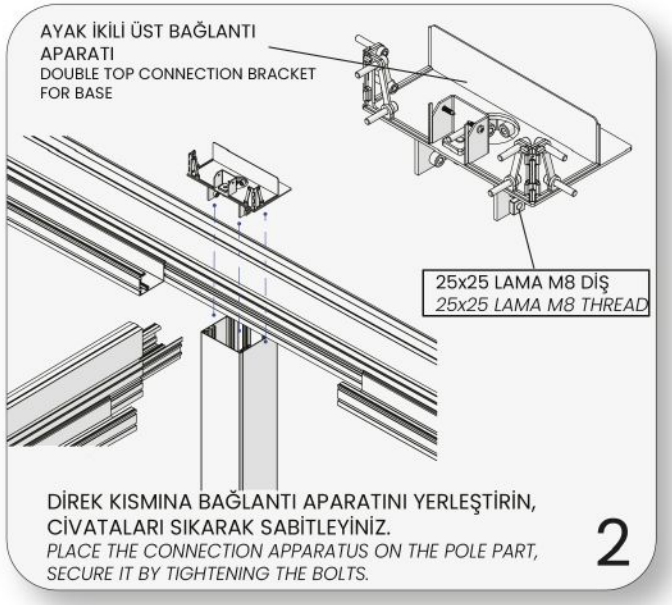
10

2'li Şase Montaj Şeması /2 Chassis Mounting Diagram



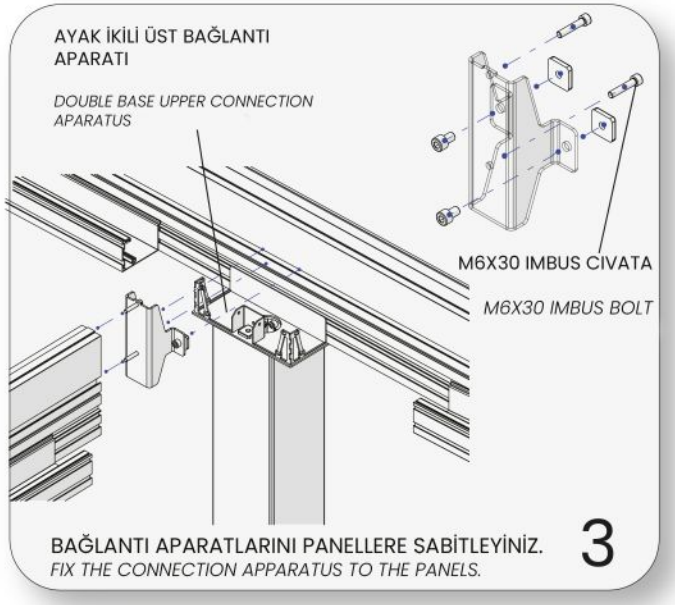
İKİLİ ŞASE BAĞLANTISINDA A NOKTASINDAKİ SU OLUĞU DETAYINA DİKKAT EDİNİZ.
PAY ATTENTION TO THE WATER GROOVE DETAIL AT POINT A IN THE DOUBLE CHASSIS CONNECTION.

1



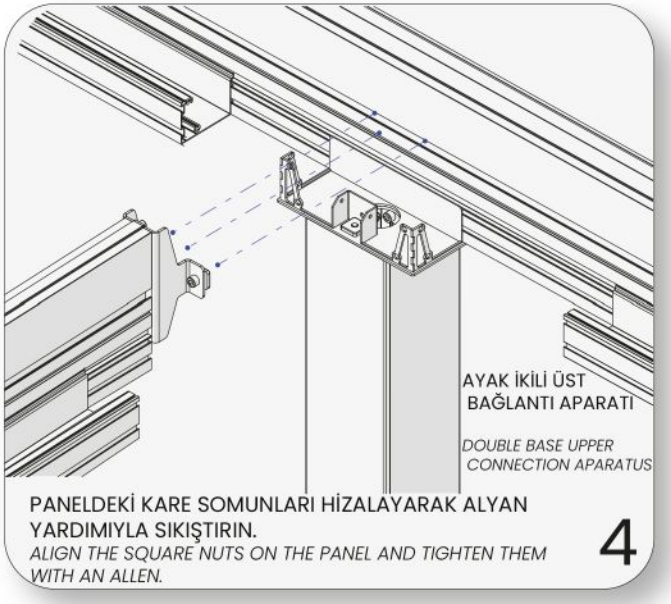
DİREK KISMINA BAĞLANTI APARATINI YERLEŞTİRİN, CİVATALARI SIKARAK SABİTLEYİNİZ.
PLACE THE CONNECTION APPARATUS ON THE POLE PART, SECURE IT BY TIGHTENING THE BOLTS.

2



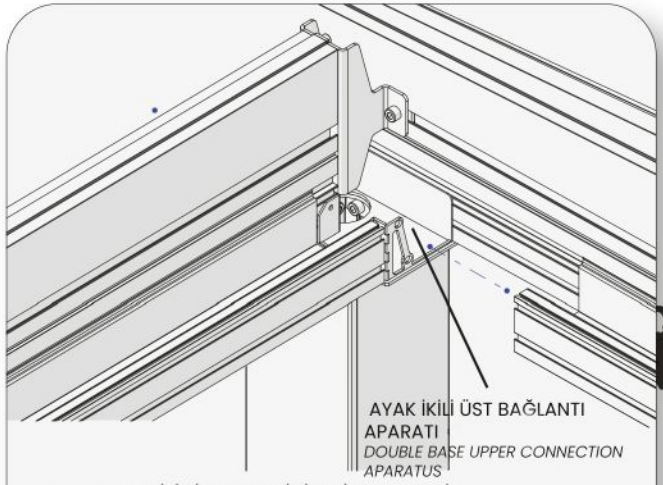
BAĞLANTI APARATLARINI PANELLERE SABİTLEYİNİZ.
FIX THE CONNECTION APPARATUS TO THE PANELS.

3



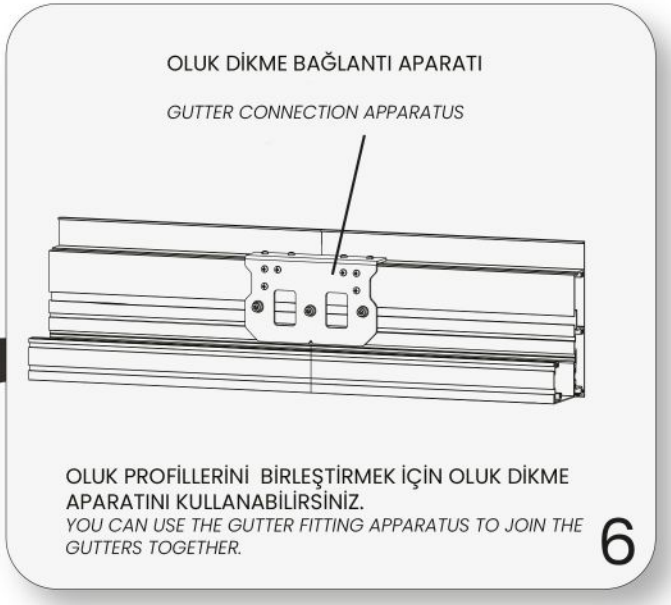
PANELDEKİ KARE SOMUNLARI HİZALAYARAK ALYAN YARDIMIYLA SIKIŞTIRIN.
ALIGN THE SQUARE NUTS ON THE PANEL AND TIGHTEN THEM WITH AN ALLEN.

4



OLUK PROFİLİNİ YERLEŞTİRİP CİVATALAR İLE SABİTLEYİNİZ.
PLACE THE GUTTER PROFILE AND FASTEN WITH BOLTS FIX

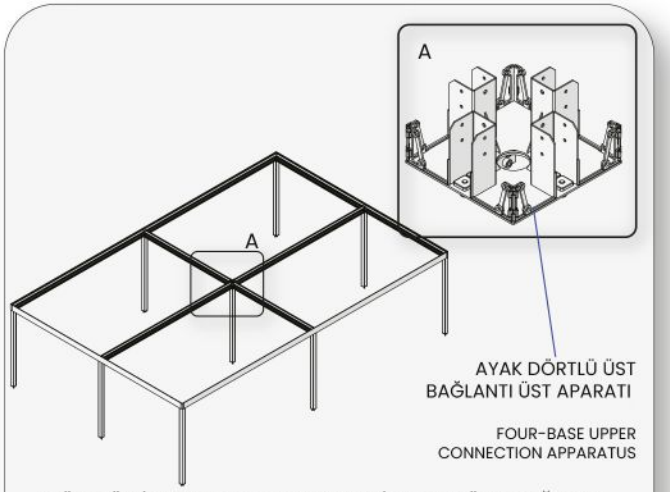
5



OLUK PROFİLLERİNİ BİRLEŞTİRMEK İÇİN OLUK DİKME APARATINI KULLANABİLİRSİNİZ.
YOU CAN USE THE GUTTER FITTING APPARATUS TO JOIN THE GUTTERS TOGETHER.

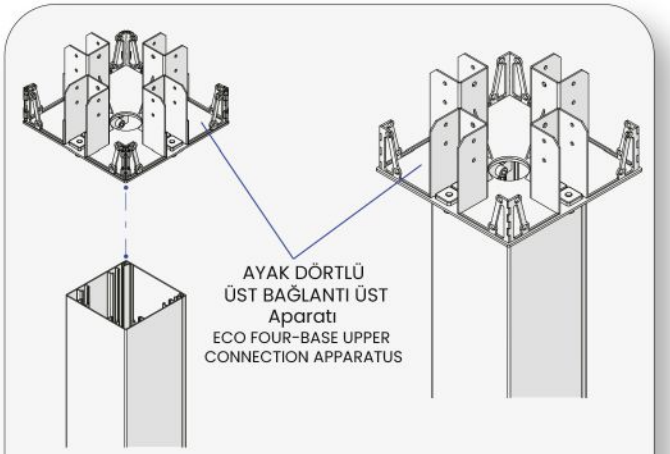
6

4'lü Montaj Şeması /4 Chassis Mounting Diagram



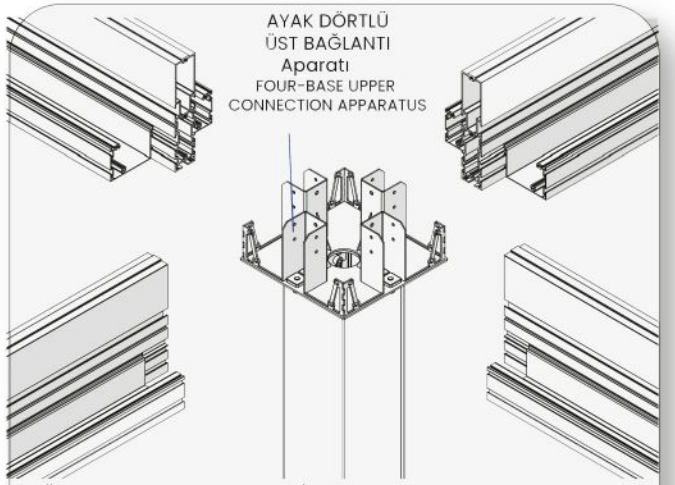
DÖRTLÜ SİSTEMDE, A DETAYINDAKİ AYAK KÖŞE BAĞLANTI APARATININ MONTAJINI YAPINIZ.
IN QUAD SYSTEM, ASSEMBLE THE FOOT CORNER CONNECTION APPARATUS IN DETAIL A.

1



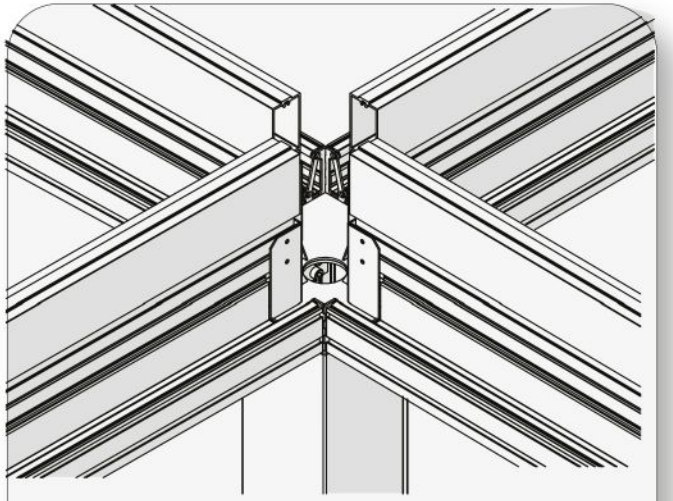
AYAK ÜSTÜNE KÖŞE APARATINI YERLEŞTİRİP SABİTLEYİNİZ.
PLACE THE CORNER APPARATUS ON THE BASE AND FIX IT.

2



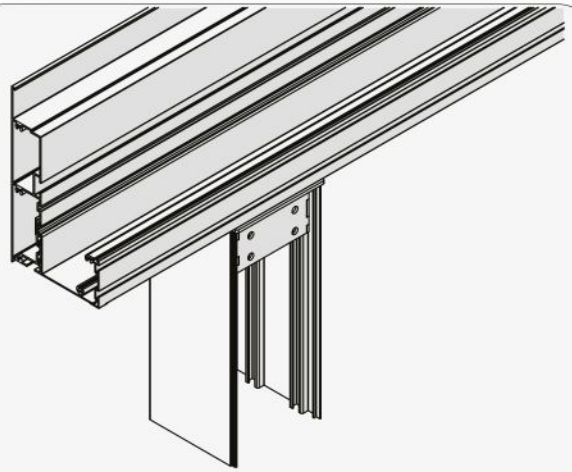
KÖŞE APARATINA PANELLERİ, KARE SOMUNLARA GEÇECEK ŞEKİLDE YERLEŞTİRİNİZ.
PLACE THE PANELS ON THE CORNER BRACKET SO THAT THEY FIT INTO THE SQUARE NUTS.

3



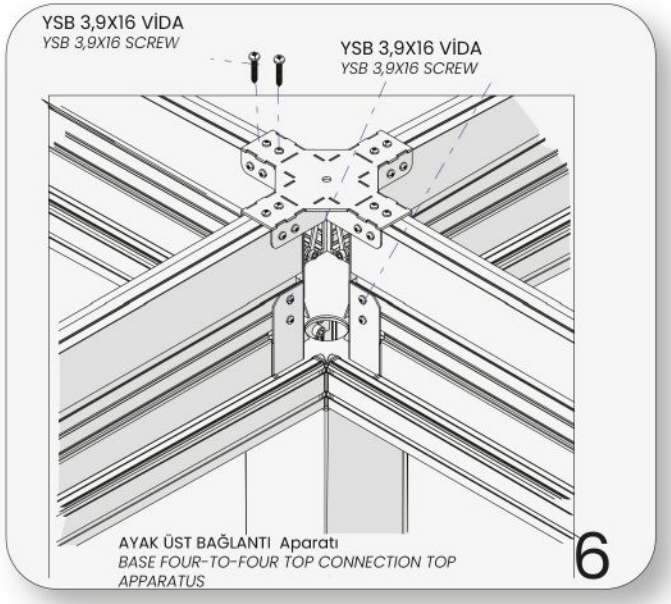
OLUKLARI PROFİLLERİNİ ORTA AYAKTA TOPLAYIP SABİTLEYİNİZ..
COLLECT AND FIX THE PROFILES OF THE GUTTERS ON THE CENTRAL BASE COLUMN.

4



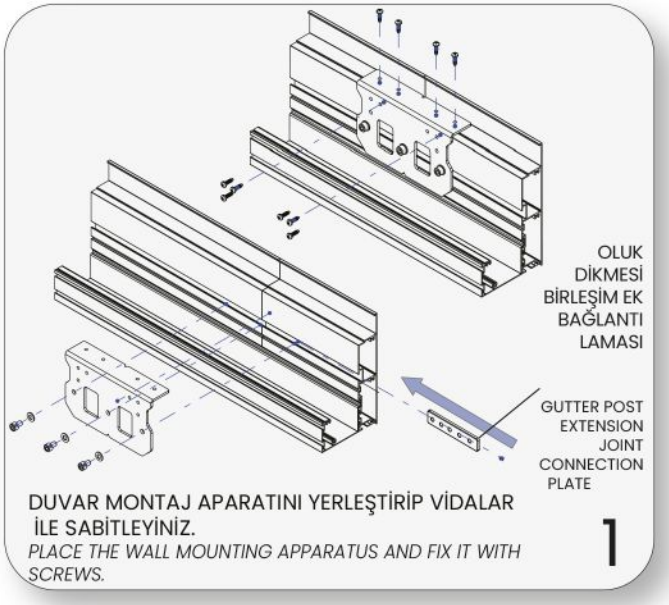
SİSTEMİN GÜÇLENDİRİLMESİ İÇİN ARA AYAK BAĞLANTI APARATI KULLANILABİLİR.
AN INTERMEDIATE BASE MOUNT CAN BE USED TO STRENGTHEN THE SYSTEM.

5



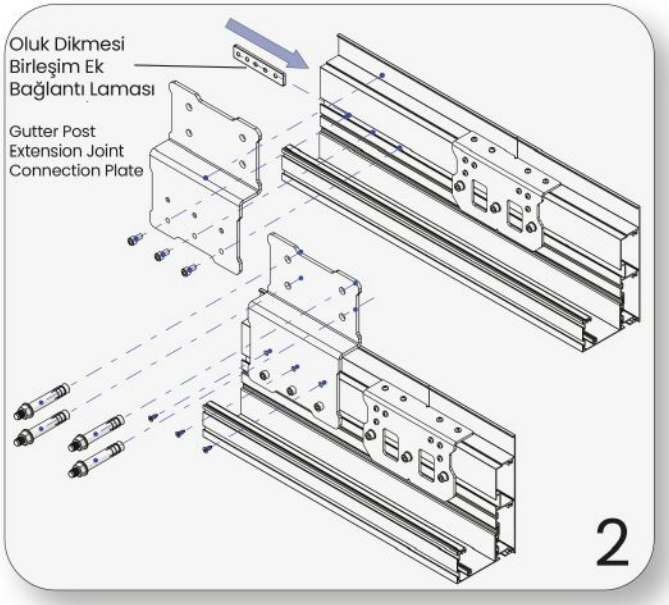
6

Duvar Askı Montaj Şeması /Wall Hanger Mounting Diagram

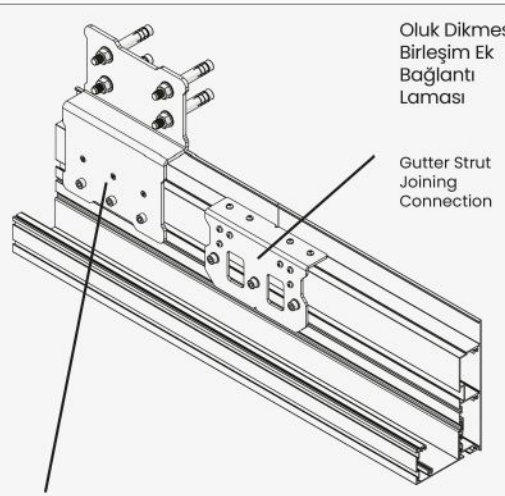


DUVAR MONTAJ APARATINI YERLEŞTİRİP VİDALAR İLE SABİTLEYİNİZ.
PLACE THE WALL MOUNTING APPARATUS AND FIX IT WITH SCREWS.

1

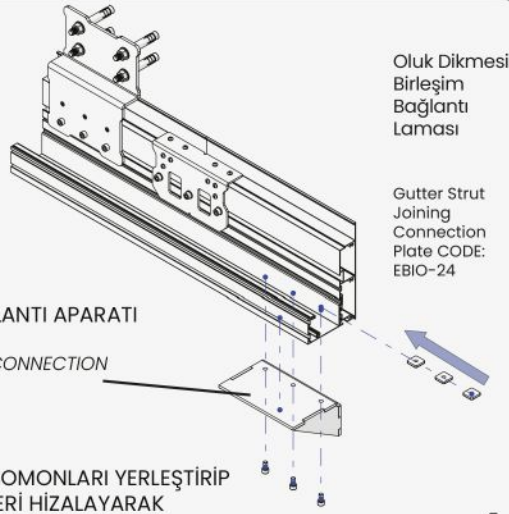


2



ÜSTTEN DUVAR BAĞLANTI APARATI
TOP-MOUNTED WALL CONNECTION BRACKET

3

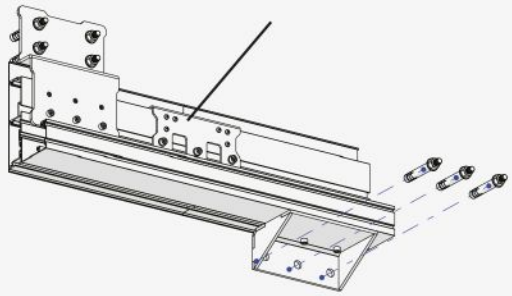


KARE SOMONLARI YERLEŞTİRİP DELİKLERİ HİZALAYARAK SABİTLEYİNİZ.
BY PLACING THE SQUARE SALMON AND ALIGNING THE HOLES

4

OLUK DİKME BAĞLANTI APARATI

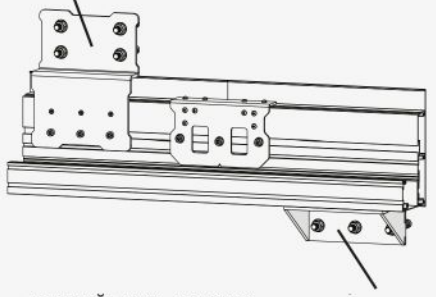
GUTTER CONNECTION APPARATUS



BAĞLANTI APARATINI DUVARA DÜBELLERLE SABİTLEYİNİZ.
FIX THE CONNECTION APPARATUS TO THE WALL WITH DOWELS.

5

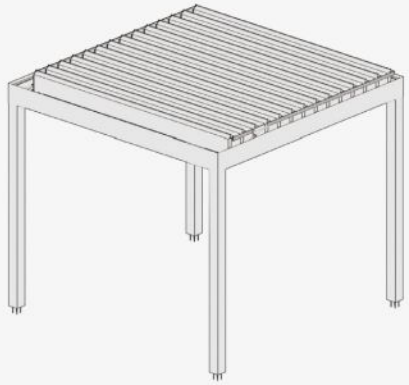
DUVAR BAĞLANTI APARATI
WALL MOUNT BRACKET CODE



ALT BAĞLANTI APARATI
BOTTOM CONNECTION BRACKET

6

Sistem Diyagram Şeması /SYSTEM DIAGRAM SCHEMA



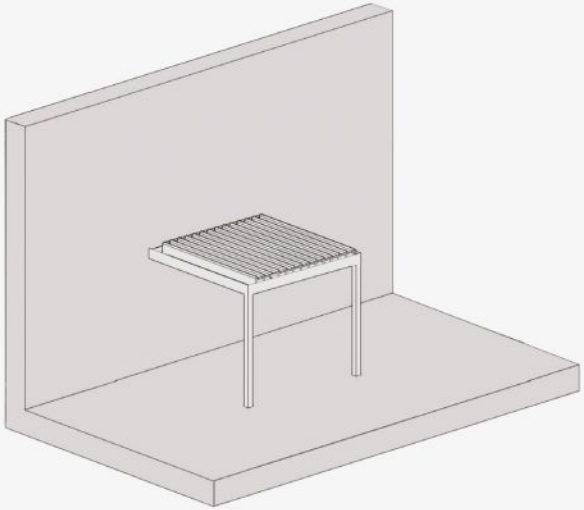
TEKLİ SİSTEM
SINGLE SYSTEM



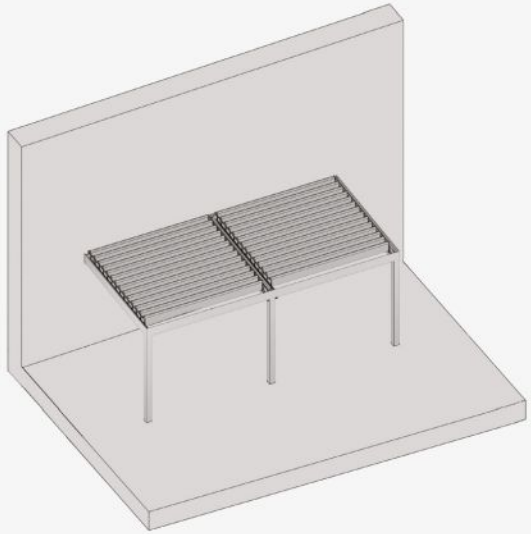
İKİLİ SİSTEM
DOUBLE SYSTEM



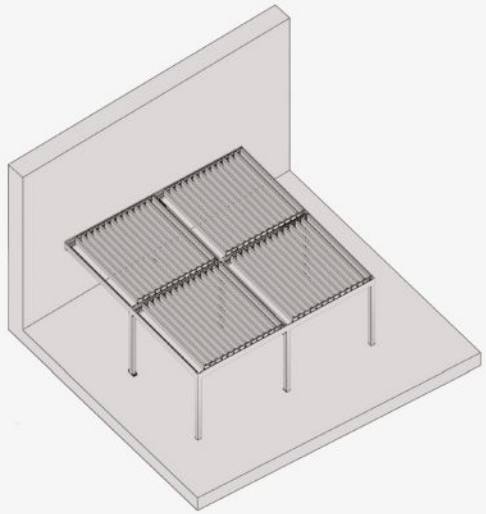
ÇOKLU SİSTEM
MULTIPLE SYSTEM



TEKLİ SİSTEM
SINGLE SYSTEM



İKİLİ SİSTEM
DOUBLE SYSTEM



ÇOKLU SİSTEM
MULTIPLE SYSTEM



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