

MCTT
METAL

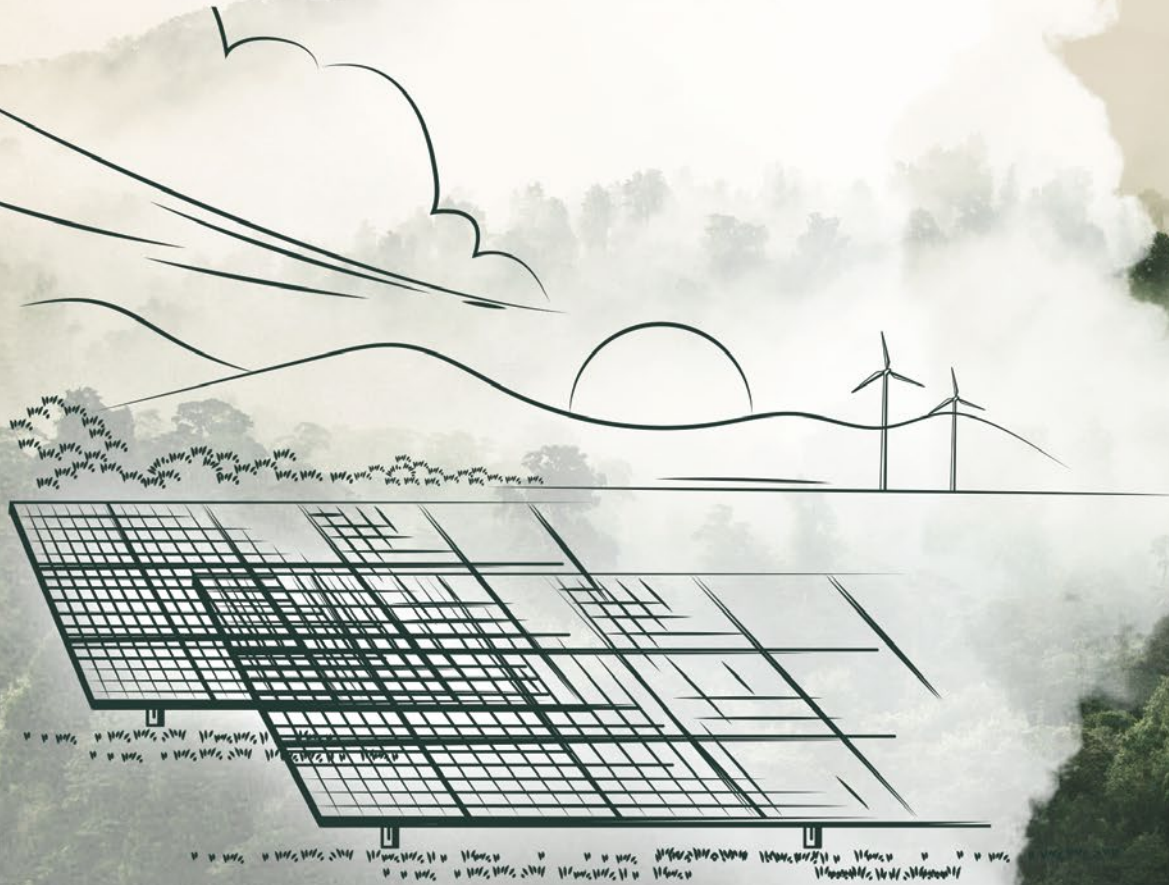
**SOLAR PANEL
SUPPORT SYSTEMS**



www.mctmetal.com

METAL
METAL

**We
produce
for our
future!**



METAL
METAL

ABOUT US

MCT Metal was founded in 2022 in Bursa, the developing center of the Turkish industry, to provide Solar Energy Mounting Systems, Cable Tray and Accessories, Junction Boxes, Electrical Enclosures, Special Roof Profiles, and Various Metal Material production services.

Since its establishment, it has become one of the country's leading metal processing and production facilities with its experienced staff and 25 years of knowledge. In a short time, it has reached a prestigious level with its emphasis on R&D, talent in analyzing the real needs of the sector, and dynamic, self-proclaimed team.

MCT Metal develops different solutions for all kinds of ground and roof applications and offers different solutions to its partners with Aluminum, Stainless Steel, Galvanized, and Magnelis coating raw material options in Solar Energy Mounting Systems. MCT Metal provides ideal solutions by combining high engineering power with advanced technology machinery and equipment in Solar Power Plant designs. MCT Metal leading the development of the energy sector thanks to its ability to manufacture the mounting systems for the Solar Power Plant at international standards and meet the flexible market demands in the sector.

Our company maintains all metal systems and products in its product range in compliance with ISO 9001 Quality Management, ISO 45001 Occupational Health and Safety Management, ISO 14001 Environmental Management System and European Standards, and also CE certification. MCT Metal has achieved great success in both local and international projects through collaborations with leading companies in the sector worldwide and has always been determined to meet the needs of the energy sector. Continuing its production activities in a facility of a total of 5000 square meters, easily meets the needs of the sector with a monthly metal production of 6000 tons and a capacity of 100 MW.

MCT Metal guarantees high quality, the best price, the shortest delivery terms and, it always aims for long-term collaboration with its partners by providing technical support in every step of the business thanks to its knowledge and skills of 25 years. With its continuous improvement, its development motto is always producing for the future.







GROUND FIXED SOLAR MOUNTING SYSTEMS



MCTO1: GROUND DRIVEN STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS



Ground-driven steel support and mounting system with 2 vertical panels for open terrain solar panels.

The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



STEEL PURLIN



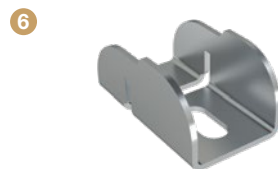
STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

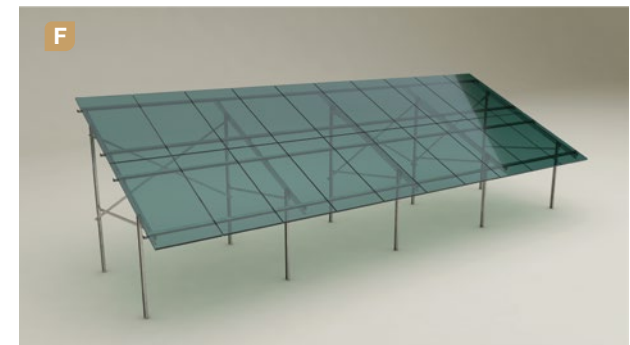
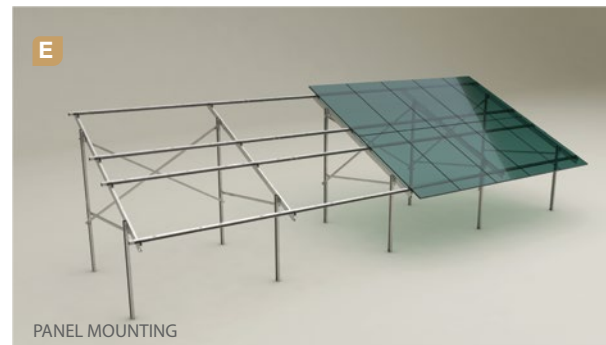


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912,
A2-70 DIN 50979





MCT01-B: GROUND DRIVEN STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS

Ground-driven steel support and mounting system with 2 vertical panels for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



ANGLE STEEL BEAM



STEEL PURLIN



STEEL SUPPORT



CONNECTOR JOINING PIECE

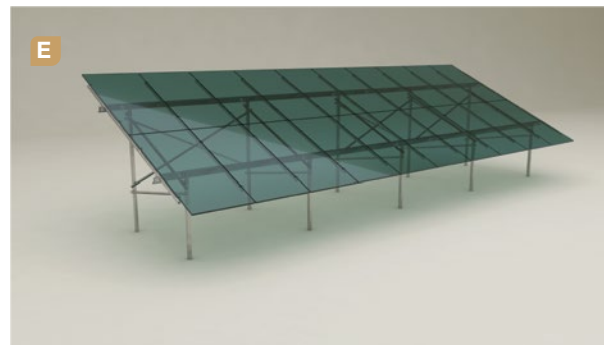
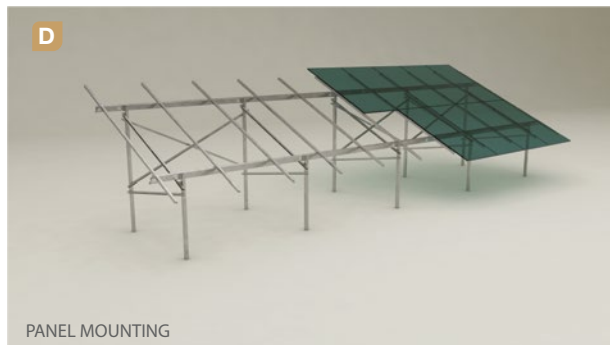


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 20 – 25 – 30 degrees

Module Application: Framed and Unframed

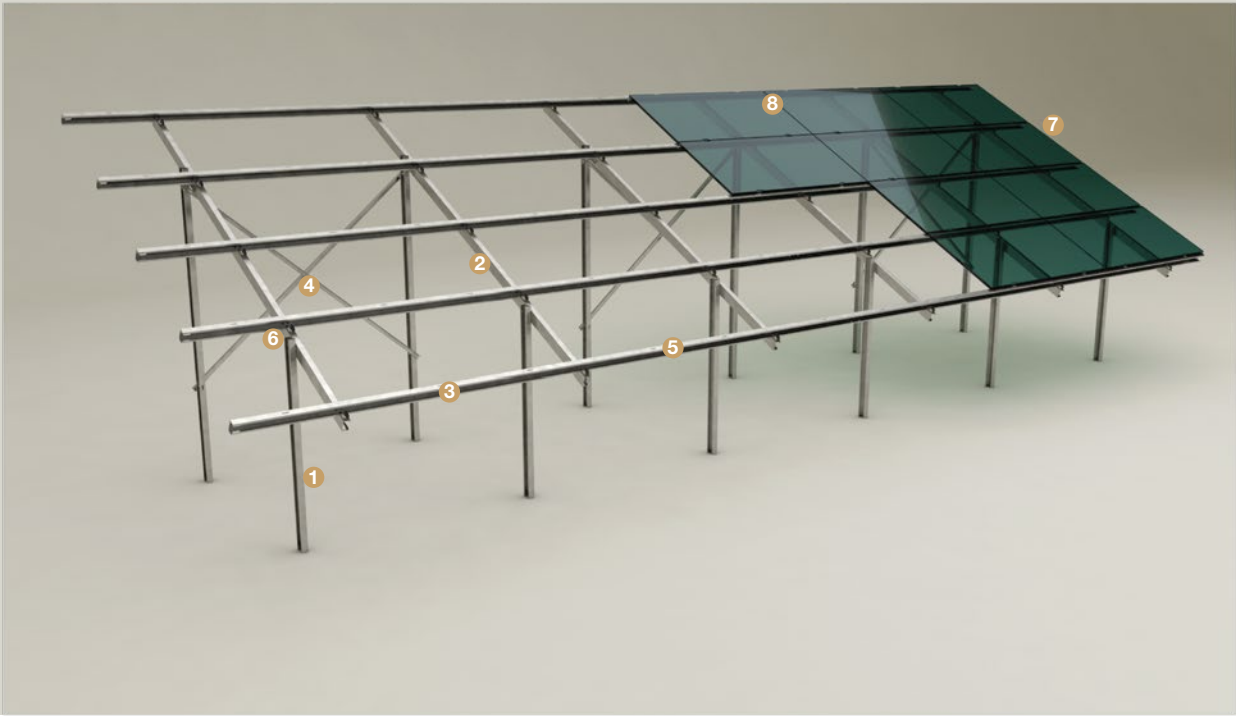
Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912,
A2-70 DIN 50979





MCT02: GROUND DRIVEN STEEL MOUNTING SYSTEM WITH 4 HORIZONTAL PANELS

Ground-driven steel support and mounting system with 4 horizontal panels for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



STEEL PURLIN



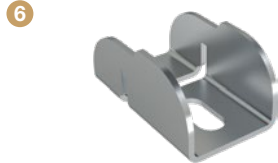
STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

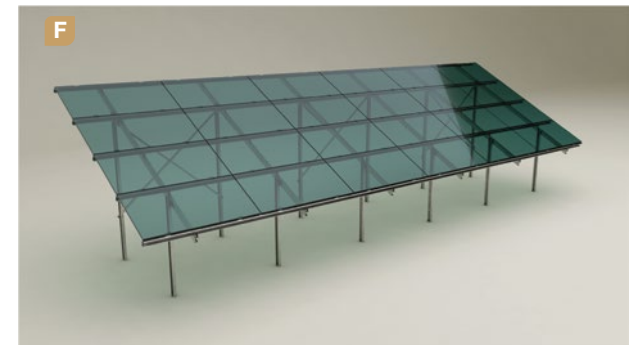
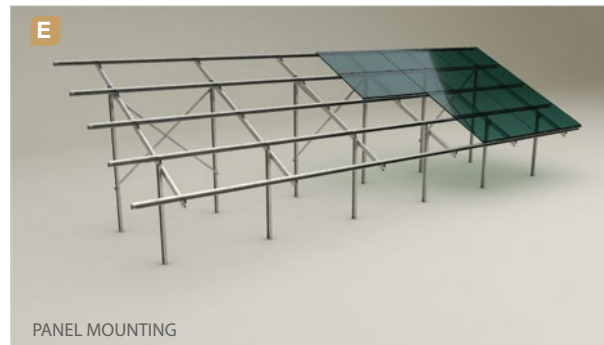


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912, A2-70
DIN 50979



MCT02-B: GROUND DRIVEN STEEL MOUNTING SYSTEM WITH 4 HORIZONTAL PANELS



Ground-driven steel support and mounting system with 4 horizontal panels for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



ANGLE STEEL BEAM



STEEL PURLIN



STEEL SUPPORT



CONNECTOR JOINING PIECE

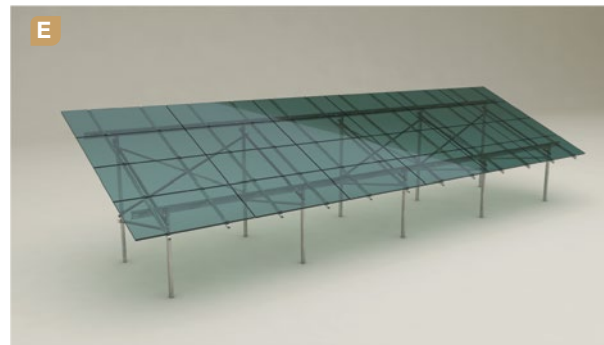
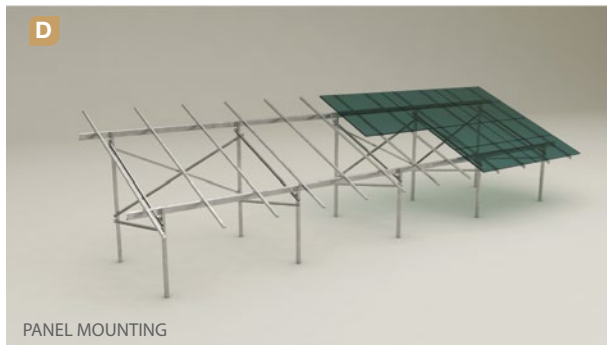


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 20 – 25 – 30 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912, A2-70
DIN 50979



MCT03: GROUND SCREWED STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS



Ground-screwed steel support and mounting system for open terrain solar panels with 2 vertical panels installed to the ground with screw piles. The system is an optimal application solution for installations of PV projects on irregular terrains. The screw piles have high-strength properties and can be used any time of the year for application purposes. They are not affected by vibrations generated by ambient conditions such as wind or storm due to their high load strength. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

SCREW PILE



STEEL COLUMN-STEEL BEAM



STEEL PURLIN



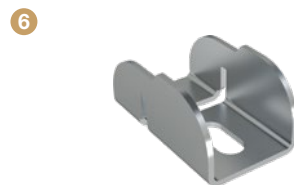
STEEL SUPPORT



PURLIN CONNECTOR PIECE



PURLIN CONNECTOR

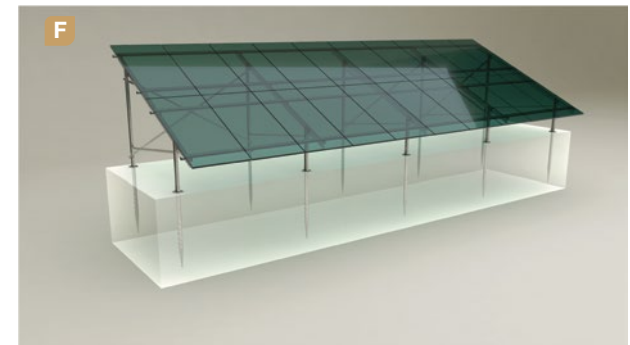
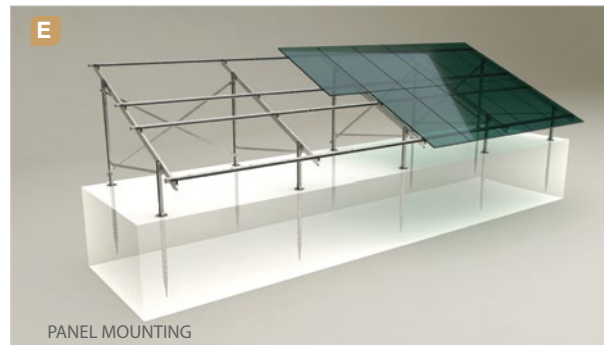


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Screwing

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 934 / DIN933 / DIN 912,
A2-70 DIN 50979



MCT03-B: GROUND SCREWED STEEL PIPE MOUNTING SYSTEM WITH 2 VERTICAL PANELS



Ground-screwed steel pipe and mounting system for open terrain solar panels with 2 vertical panels installed to the ground with screw piles. The system is an optimal application solution for installations of PV projects on irregular terrains. The screw piles have high-strength properties and can be used any time of the year for application purposes. They are not affected by vibrations generated by ambient conditions such as wind or storm due to their high load strength. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

SCREW PILE



CONNECTOR JOINING PIECE



STEEL PIPE



PIPE CLAMP



ANGLE STEEL BEAM



PANEL SIDE RETAINER

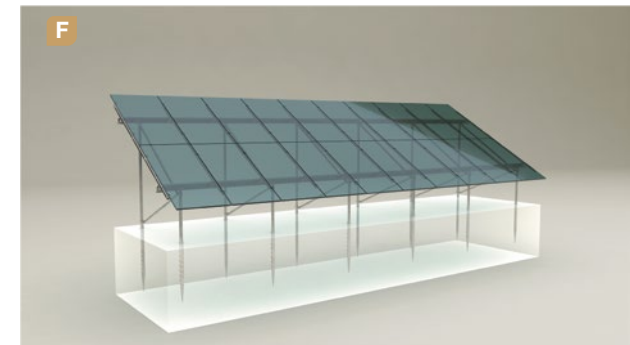
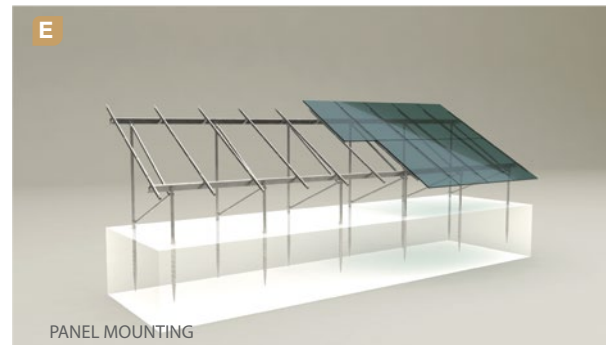
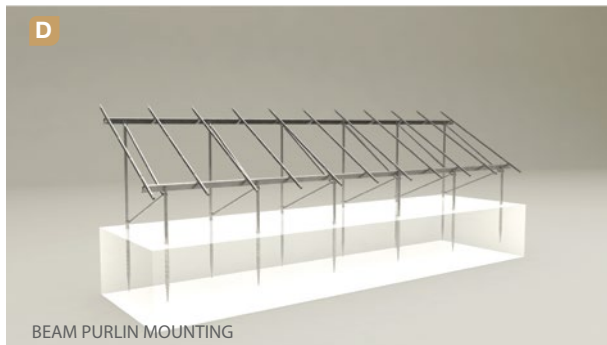
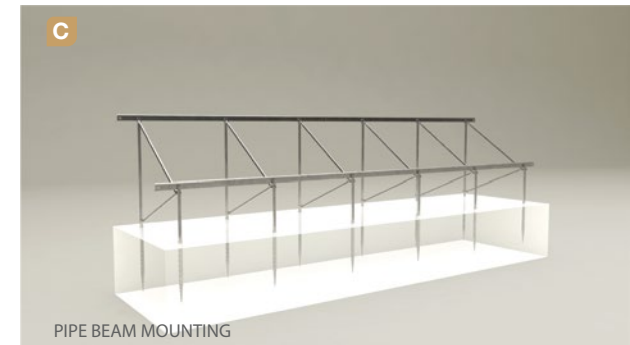
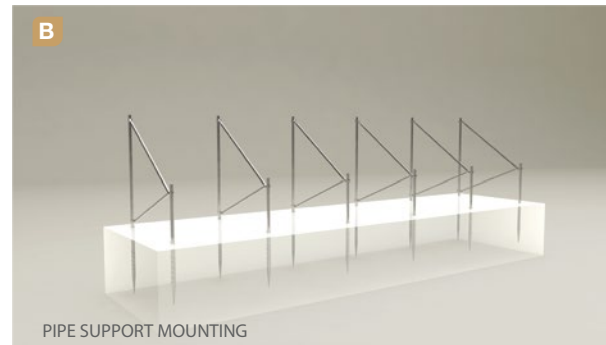
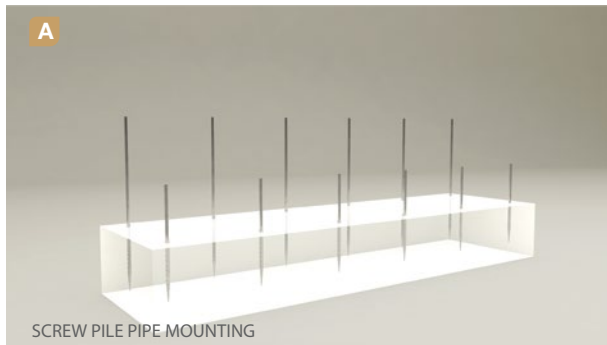


STEEL PURLIN



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Screwing

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 934 / DIN933 / DIN 912,
A2-70 DIN 50979





MCT04: GROUND SCREWED STEEL MOUNTING SYSTEM WITH 4 HORIZONTAL PANELS

Ground-screwed steel support and mounting system for open terrain solar panels with 4 horizontal panels installed to the ground with screw piles. The system is an optimal application solution for installations of PV projects on irregular terrains. The screw piles have high-strength properties and can be used any time of the year for application purposes. They are not affected by vibrations generated by ambient conditions such as wind or storm due to their high load strength. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

SCREW PILE



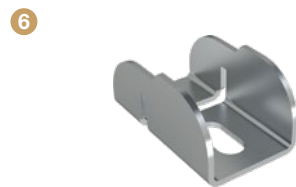
PURLIN CONNECTOR PIECE



STEEL COLUMN-STEEL BEAM



PURLIN CONNECTOR



STEEL PURLIN



PANEL SIDE RETAINER

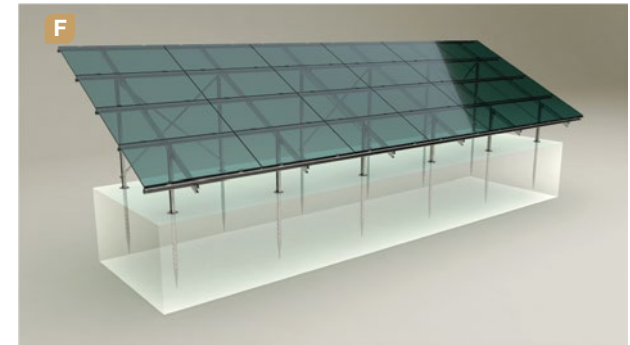
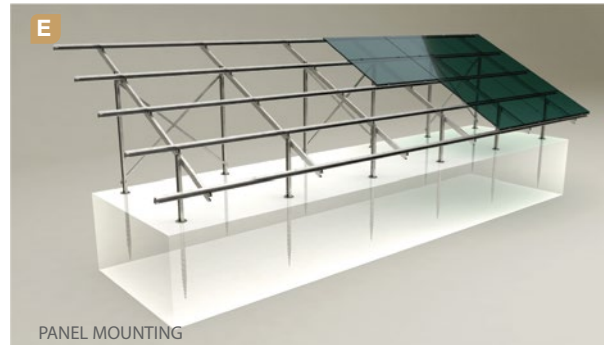
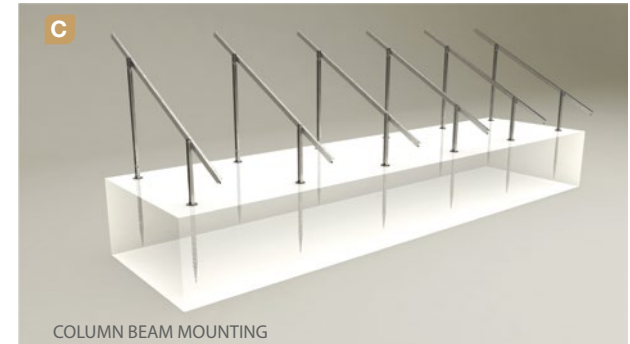
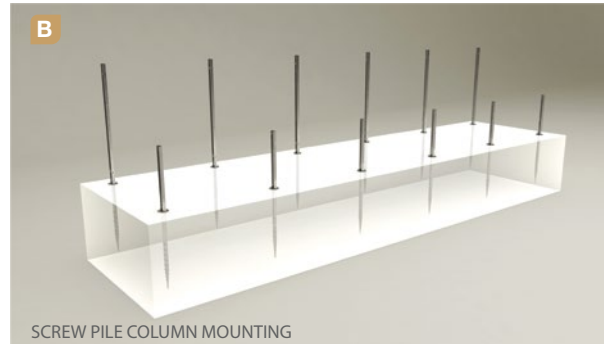


STEEL SUPPORT



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Screwing

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

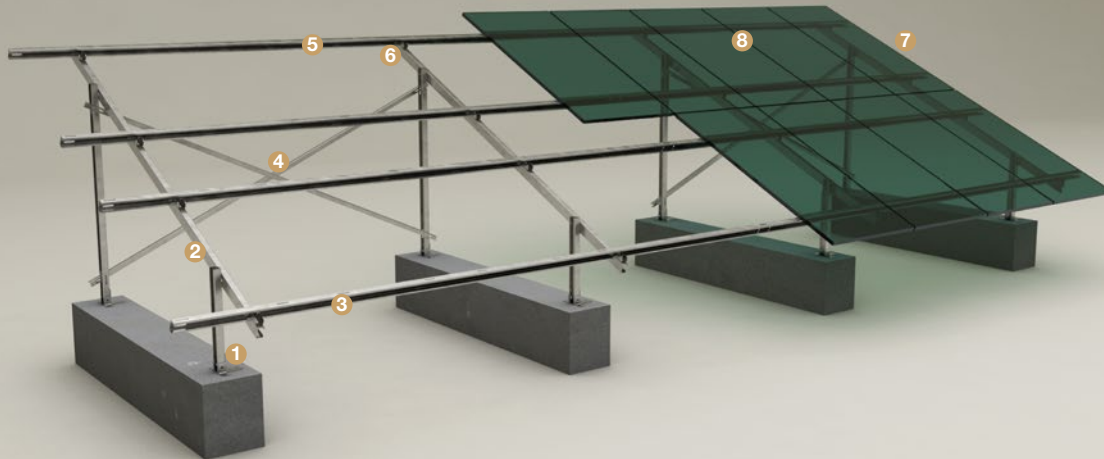
Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912, A2-70
DIN 50979



MCT05: CONCRETE BASE ANCHORED STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS



Concrete base anchored steel support and mounting system with 2 vertical panels for open terrain solar panels. The system is an ideal application solution for PV project installations on sloped medium and large-sized terrains. It provides the necessary strength and stability for application on loose ground. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



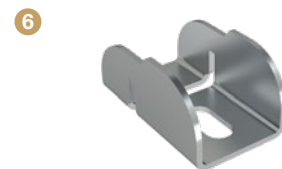
PURLIN CONNECTOR JOINING PIECE



STEEL BEAM



PURLIN CONNECTOR



STEEL PURLIN



PANEL SIDE RETAINER

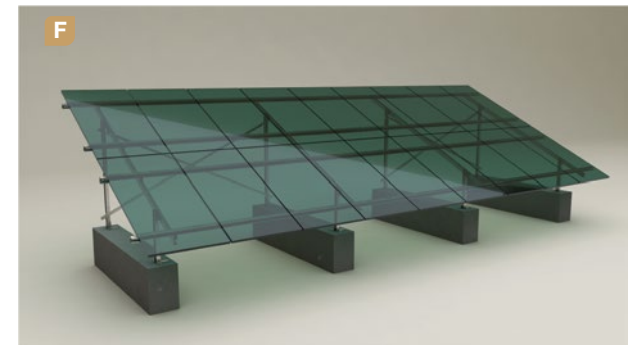
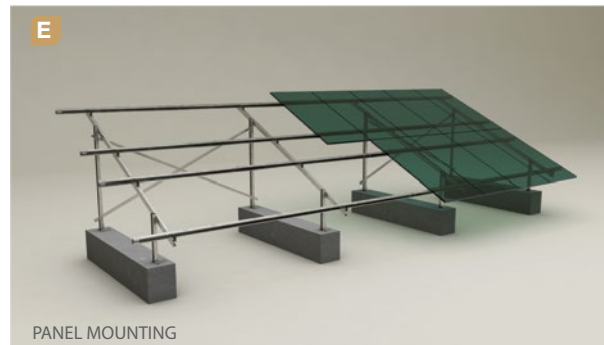
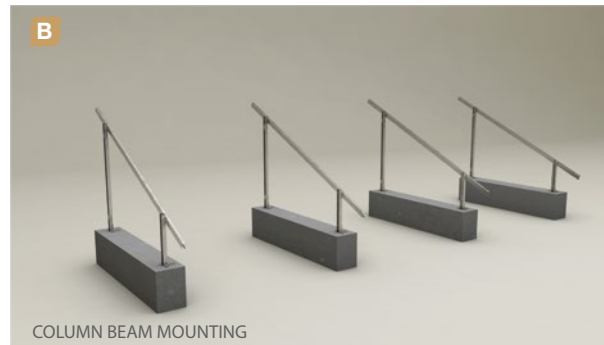
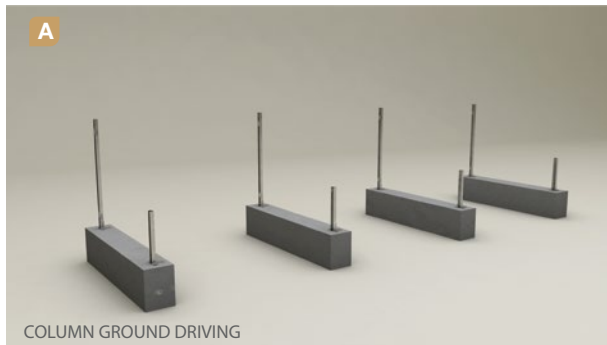


STEEL SUPPORT



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

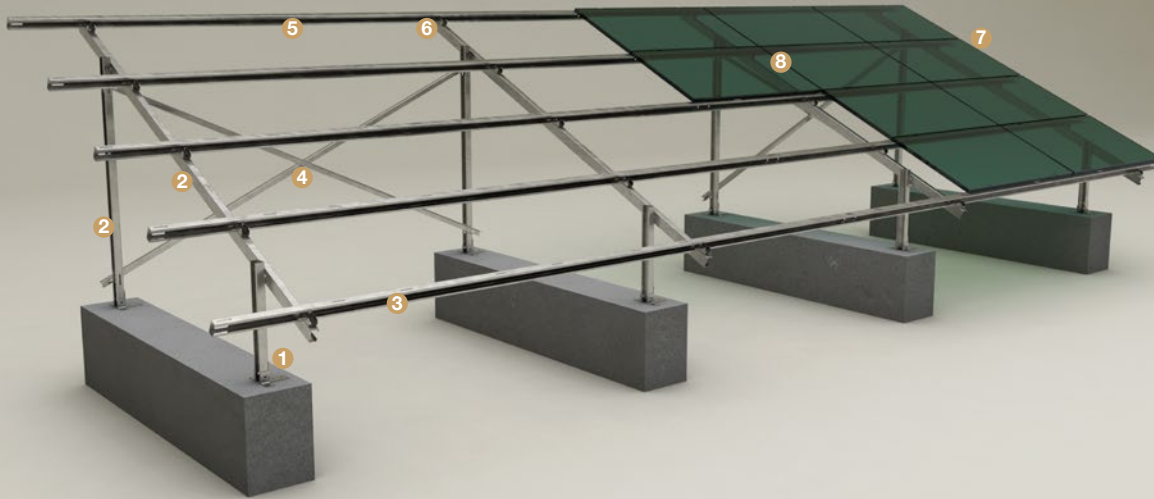
Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912, A2-70
DIN 50979



MCT06: CONCRETE BASE ANCHORED STEEL MOUNTING SYSTEM WITH 4 HORIZONTAL PANELS



Concrete base anchored steel support and mounting system with 4 horizontal panels for open terrain solar panels. The system is an ideal application solution for PV project installations on sloped medium and large-sized terrains. It provides the necessary strength and stability for application on loose ground. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



STEEL PURLIN



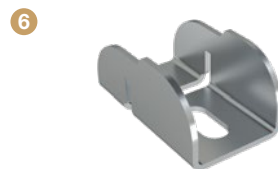
STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

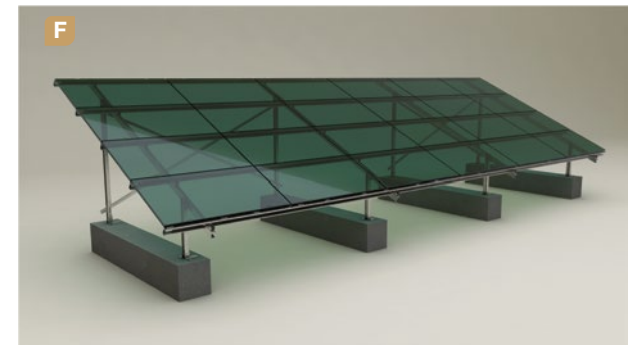
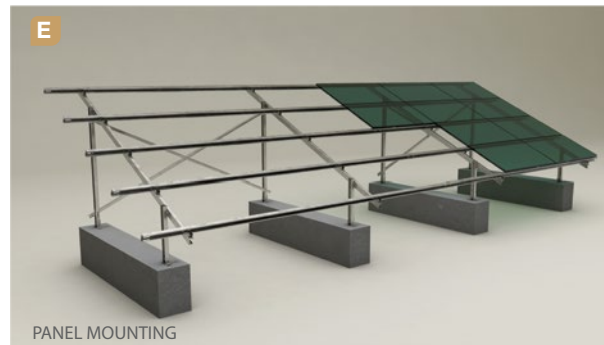
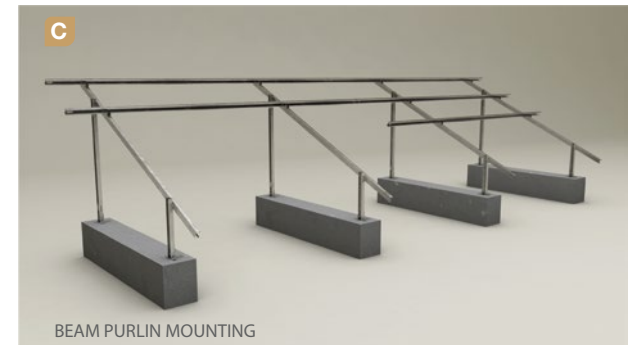
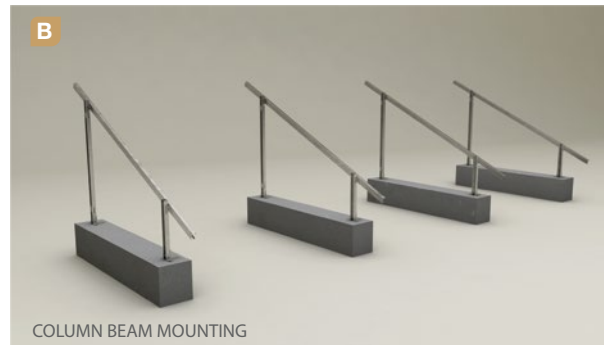
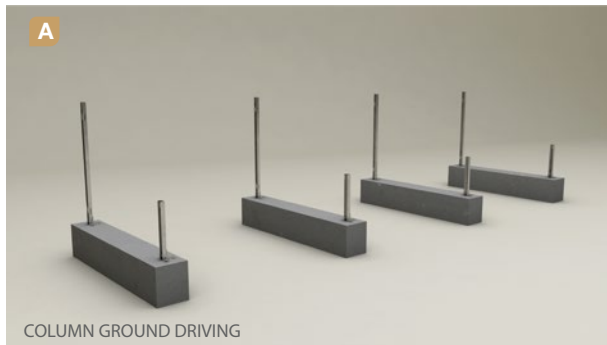


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979





MCT07: CONCRETE EMBEDDED STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS

Concrete embedded steel support and mounting system with 2 vertical panels for open terrain solar panels. The system is an ideal application solution for PV project installations on medium and large-sized terrains with loose ground. Necessary strength is achieved by application in loose ground. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



STEEL PURLIN



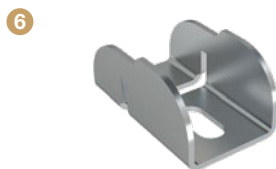
STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

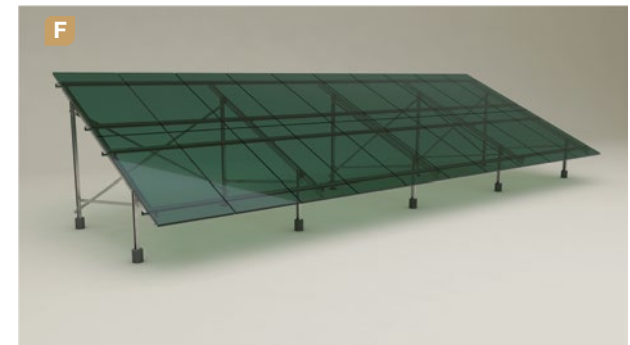
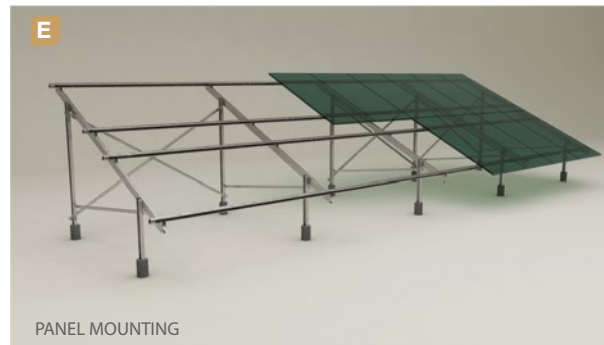
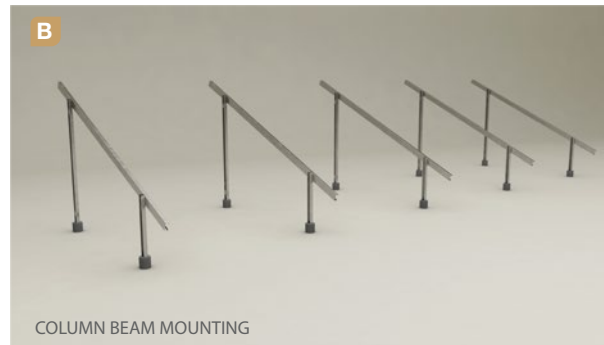
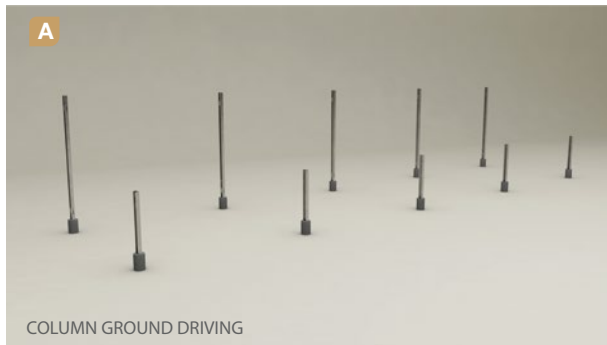


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Concrete Embedded Column

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



MCT08: CONCRETE EMBEDDED STEEL MOUNTING SYSTEM WITH 4 HORIZONTAL PANELS



Concrete embedded steel support and mounting system with 4 horizontal panels for open terrain solar panels. The system is an ideal application solution for PV project installations on medium and large-sized terrains with loose ground. Necessary strength is achieved by application in loose ground. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



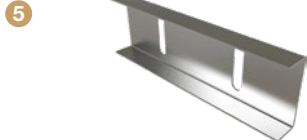
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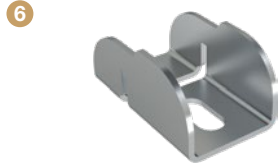
STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

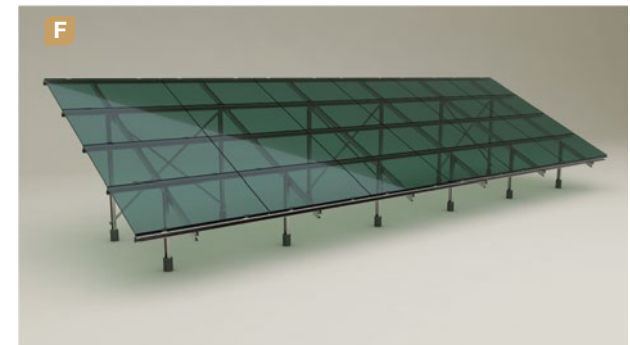
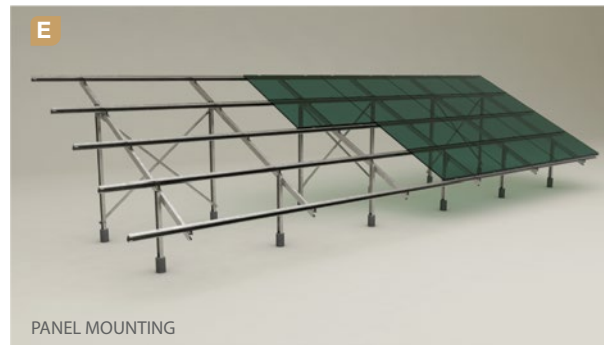


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Concrete Embedded Column

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



MCT09: GROUND DRIVEN SINGLE COLUMN STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS



Ground-driven single-column steel support and mounting system with 2 vertical panels for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. It is used extensively on hard ground to decrease the number of legs and cost. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



STEEL PURLIN



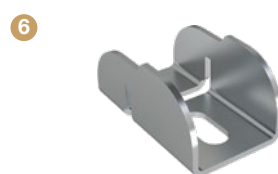
STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

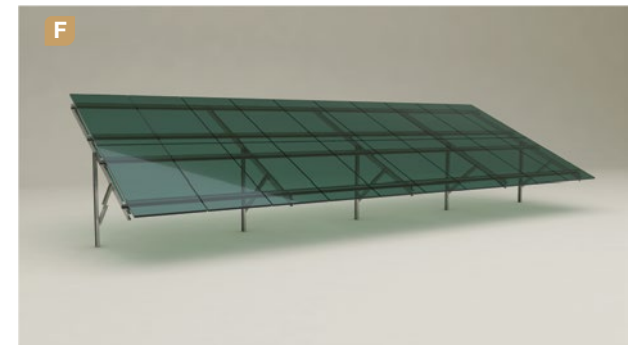
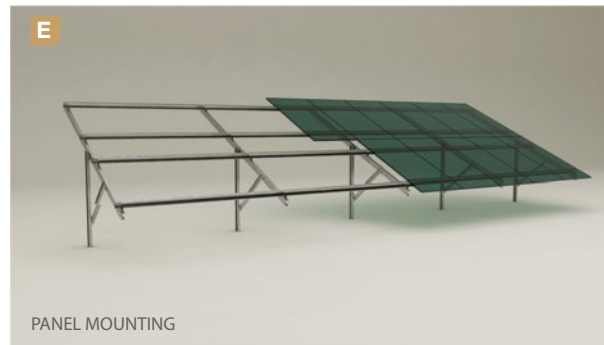
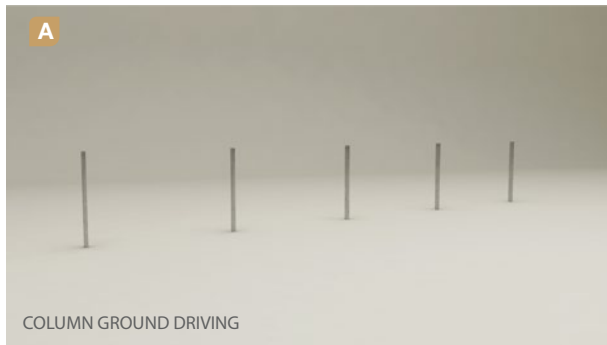


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979







CARPORT SOLAR MOUNTING SYSTEMS



MCT10 (MODEL 1 / V – H): CONCRETE BASE ANCHORED CARPORT STEEL MOUNTING SYSTEMS



Concrete base anchored carport steel support and mounting system for parking areas. The system is an ideal application solution for one- or multiple-family houses, industrial workplaces, and other public parking areas. Provides stability and balance in parking areas. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



STEEL SUPPORT



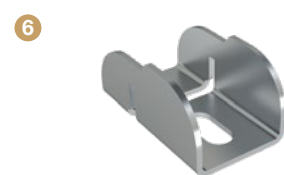
ANCHOR PLATE



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR



PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Suitable for both horizontal and vertical panel mounting
- Time and cost savings for installation
- Flexible solutions for different types of park areas
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed/Vertical and Horizontal

Column and Beam Coating: EN ISO 1461

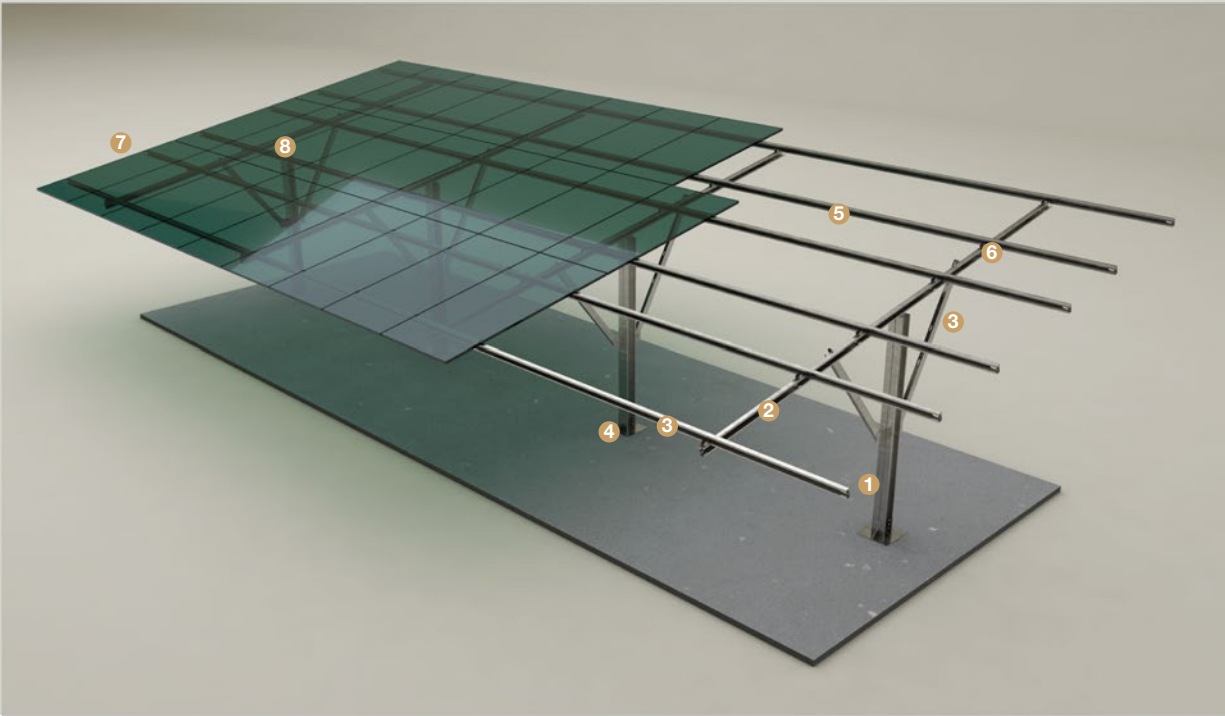
Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



MCT11 (MODEL 2 / V – H): CONCRETE BASE ANCHORED CARPORT STEEL MOUNTING SYSTEMS



Concrete base anchored carport steel support and mounting system for parking areas. The system is an ideal application solution for one- or multiple-family houses, industrial workplaces, and other public parking areas. Provides stability and balance in parking areas. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



STEEL SUPPORT



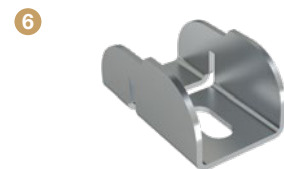
ANCHOR PLATE



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

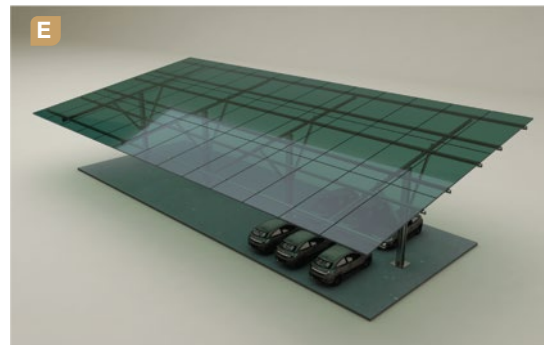
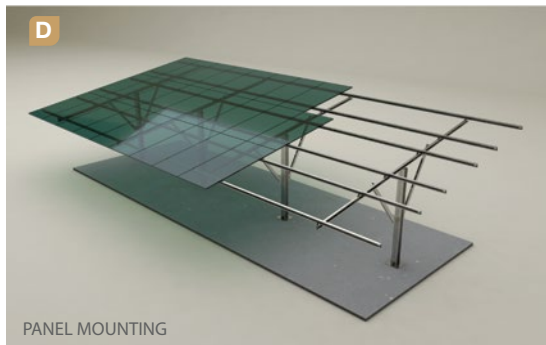
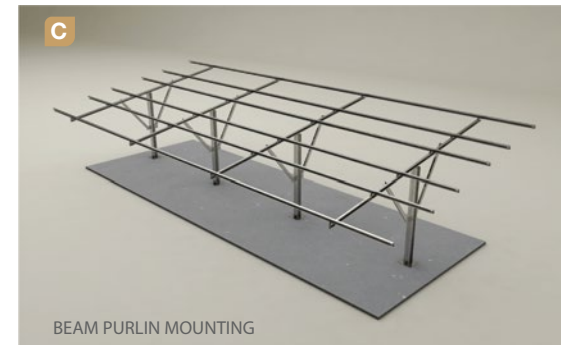
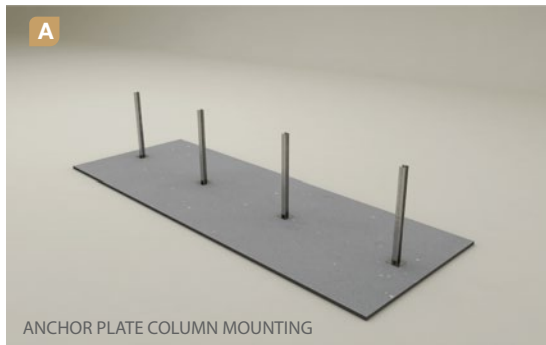


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Suitable for both horizontal and vertical panel mounting
- Time and cost savings for installation
- Flexible solutions for different types of park areas
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed/Vertical and Horizontal

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979





MCT12 (MODEL 3 / V – H): CONCRETE BASE ANCHORED CARPORT STEEL MOUNTING SYSTEMS

Concrete base anchored carport steel support and mounting system for parking areas. The system is an ideal application solution for one- or multiple-family houses, industrial workplaces, and other public parking areas. Provides stability and balance in parking areas. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



STEEL SUPPORT



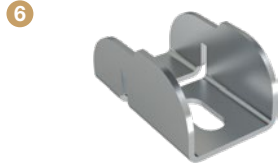
ANCHOR PLATE



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

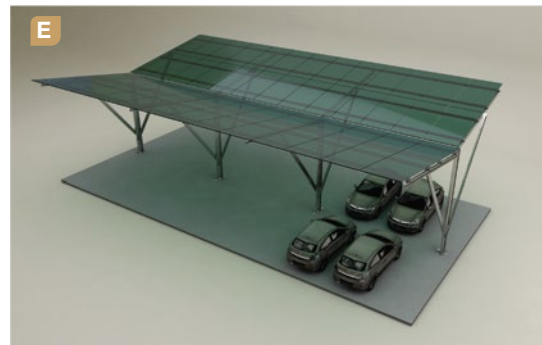
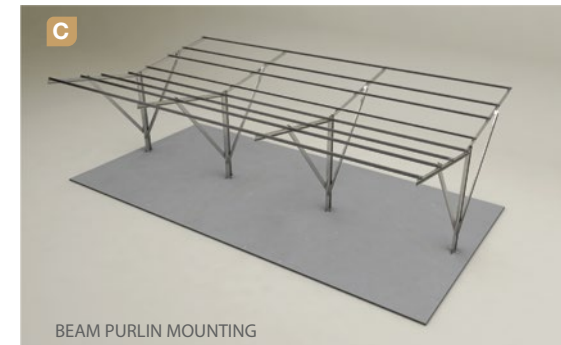
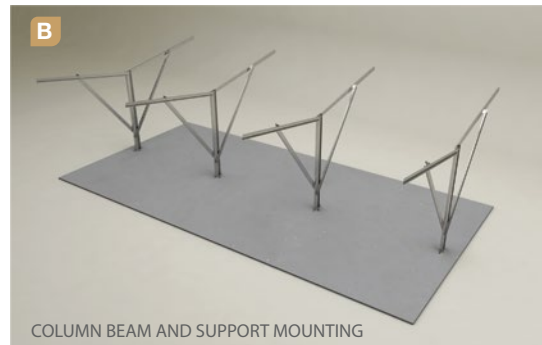
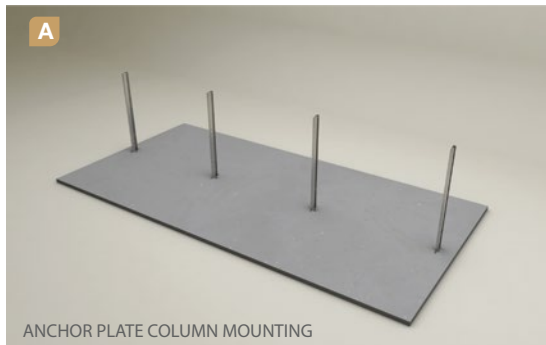


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Suitable for both horizontal and vertical panel mounting
- Time and cost savings for installation
- Flexible solutions for different types of park areas
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed/Vertical and Horizontal

Column and Beam Coating: EN ISO 1461

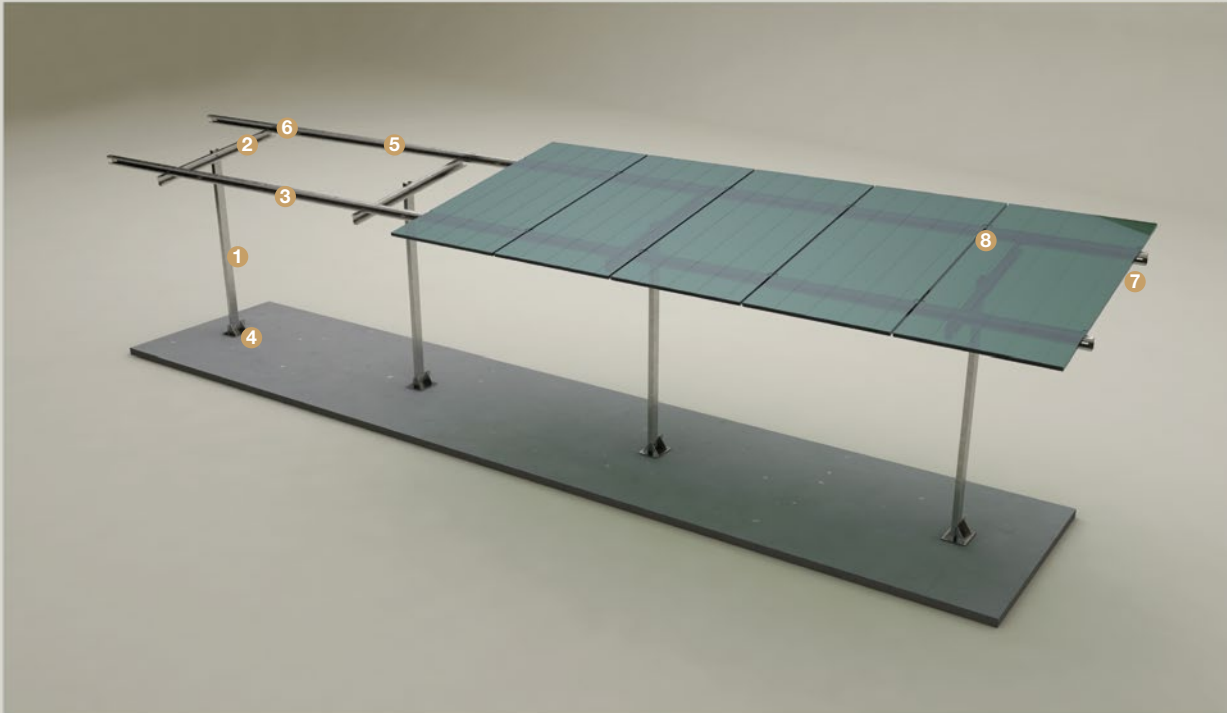
Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



**MCT 13: CONCRETE BASE ANCHORED BIKEPORT
STEEL MOUNTING SYSTEMS WITH 1 VERTICAL PANEL**



Concrete base anchored bikeport steel support and mounting system for bike parking areas. The system is an ideal application solution for one- or multiple-family houses, industrial workplaces, and other public parking areas. Provides stability and balance in parking areas. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



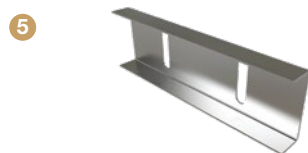
STEEL SUPPORT



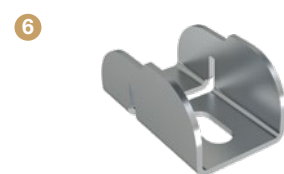
ANCHOR PLATE



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

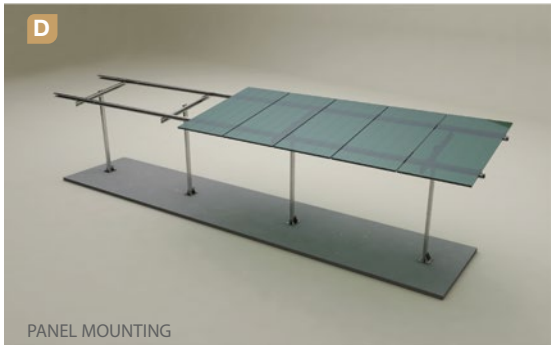
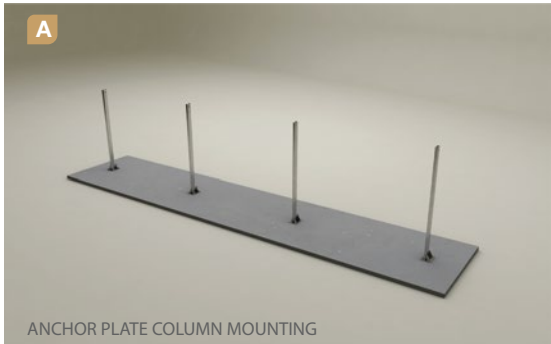


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of park areas
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



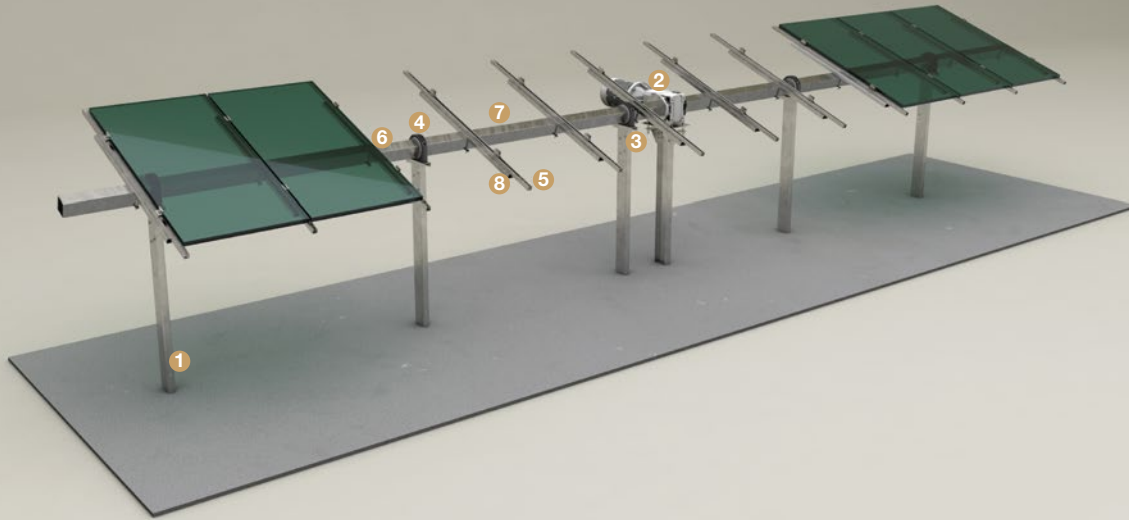




TRACKER SOLAR MOUNTING SYSTEMS



MCT14: CONCRETE EMBEDDED STEEL SINGLE AXIS SOLAR TRACKING SYSTEM WITH 1 VERTICAL PANEL



Concrete embedded steel support and mounting systems that track the sun with 1 vertical panel for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. After manufacturing the system components with high-technology machines and equipment, excellent corrosion resistance is then achieved through hot-dip galvanized coating. The system, incorporating a high-level engineering design, provides assembly and cost advantages. It provides a more efficient use of solar panels.

STEEL COLUMN

1



STEEL PROFILE

5



STEEL ENGINE SUPPORT

2



PURLIN CONNECTOR JOINING PIECE

6



STEEL T / TP

3



STEEL SQUARE PURLIN

7



TP

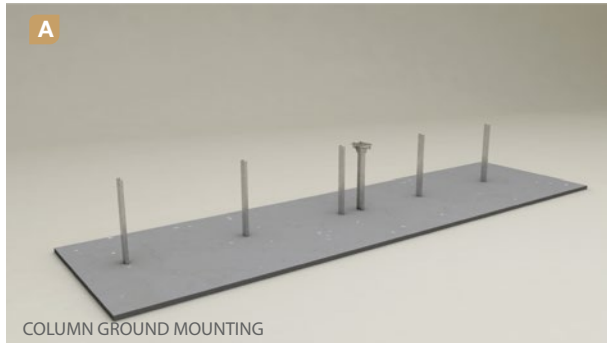
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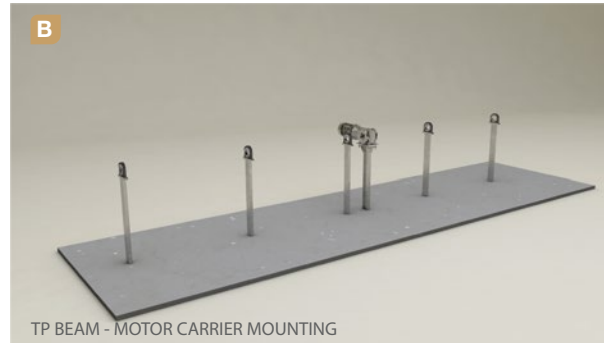
STEEL RECTANGLE RAFTER

8

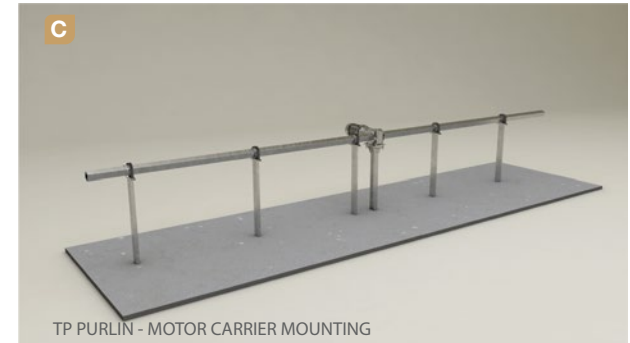




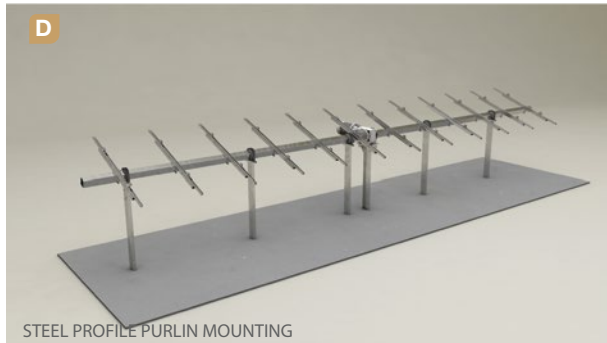
COLUMN GROUND MOUNTING



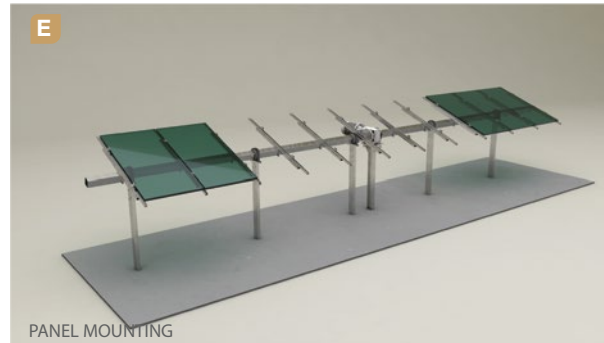
TP BEAM - MOTOR CARRIER MOUNTING



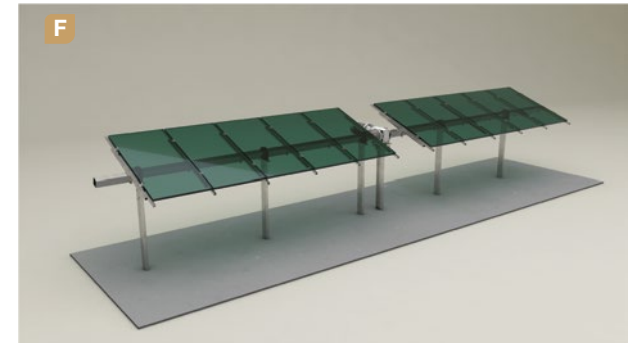
TP PURLIN - MOTOR CARRIER MOUNTING



STEEL PROFILE PURLIN MOUNTING



PANEL MOUNTING



Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Concrete Embedded

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



**MCT15: CONCRETE EMBEDDED STEEL SINGLE AXIS
SOLAR TRACKING SYSTEM WITH 2 VERTICAL PANEL**

Concrete embedded steel support and mounting systems that track the sun with 2 vertical panels for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. After manufacturing the system components with high-technology machines and equipment, excellent corrosion resistance is then achieved through hot-dip galvanized coating. The system, incorporating a high-level engineering design, provides assembly and cost advantages. It provides a more efficient use of solar panels.

Çelik Kolon

1

**Çelik Profil**

5

**Çelik Motor Taşıyıcı**

2

**Aşık Bağlantı Parçası**

6

**Çelik T / TP**

3

**Çelik Kare Aşık**

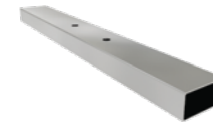
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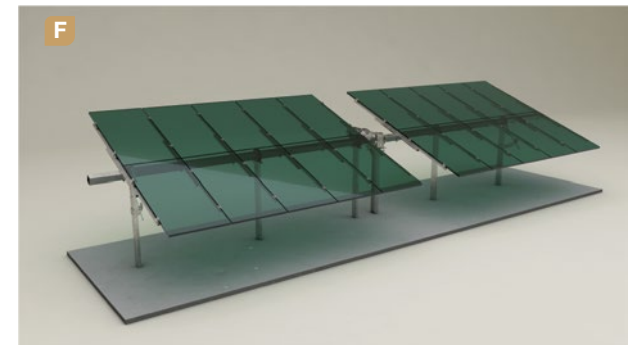
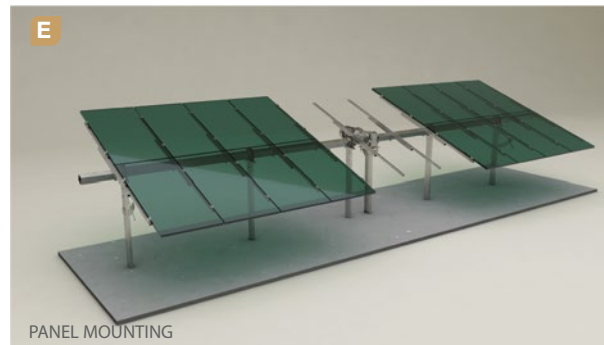
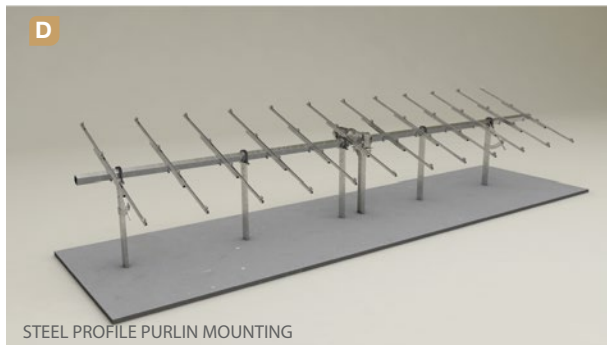
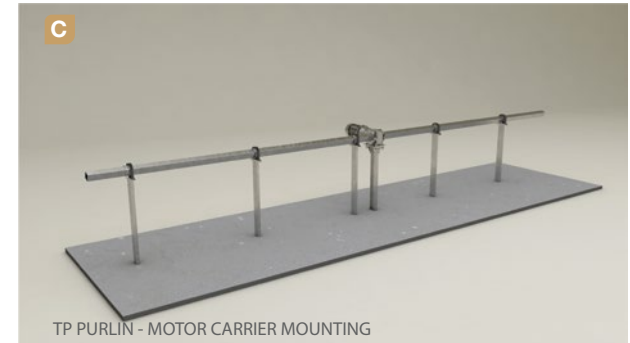
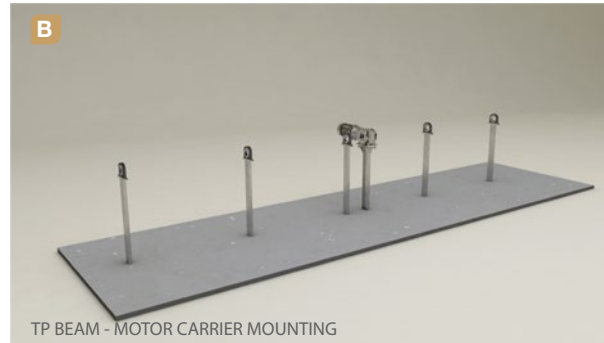
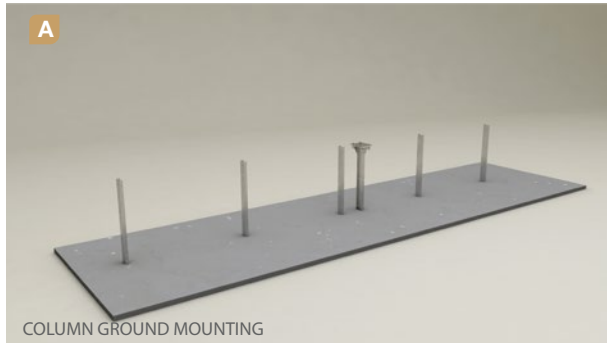
**TP**

4

**Çelik Dikdörtgen Mertek**

8





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Concrete Embedded

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979

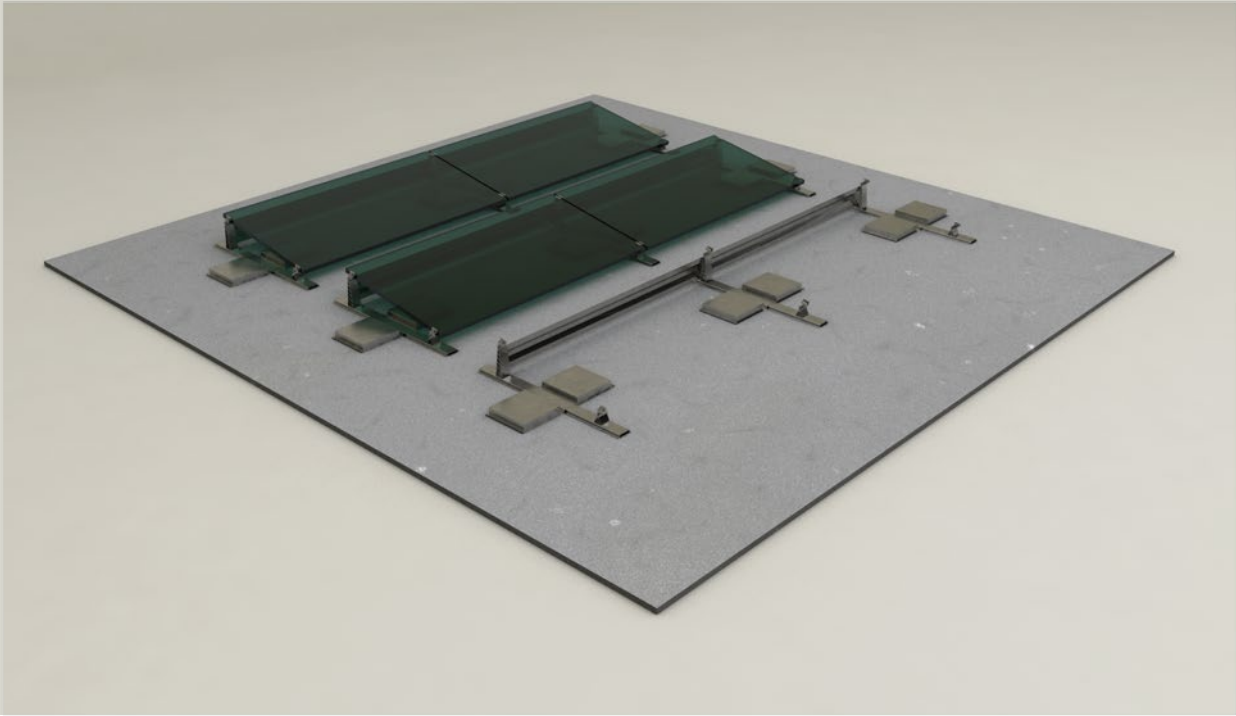






ROOF-TOP SOLAR MOUNTING SYSTEMS

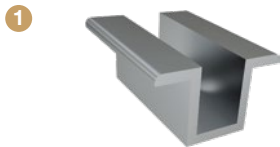




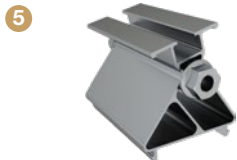
MCT 16: FLAT ROOF SOLAR MOUNTING SYSTEMS

Flat roof aluminum mounting system which is fixed by the ballast system. The system is an optimal application solution for installations of PV projects on large and small-sized roofs. It does not require any fastener for installation. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

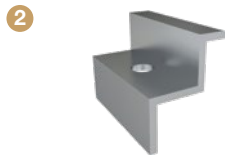
ALUMINIUM MIDDLE CLAMP



PANEL FRONT HOLDER



ALUMINIUM SIDE CLAMP



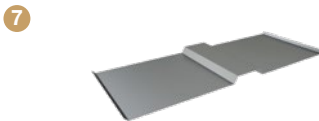
PANEL BACK HOLDER



MOUNTING RAIL

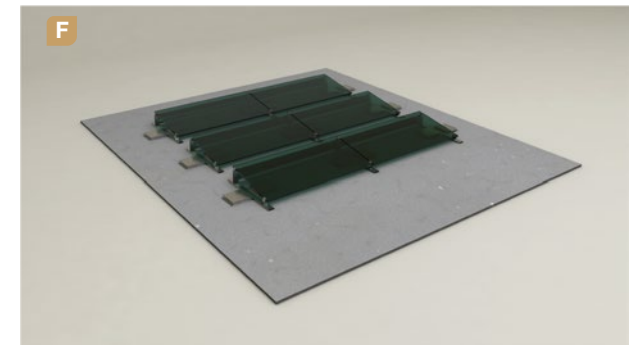
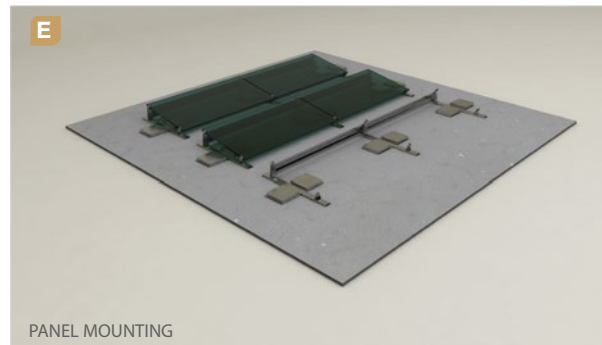
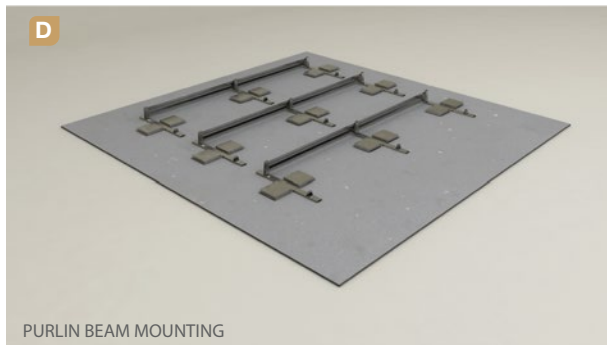
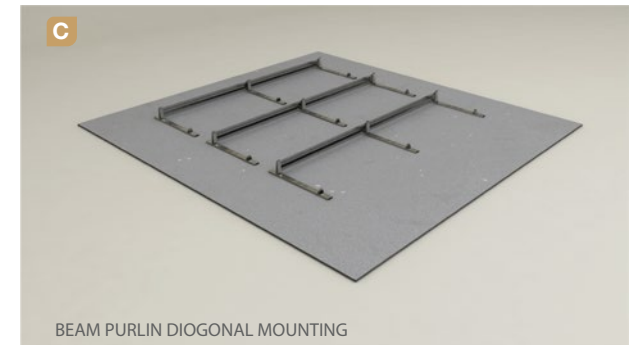
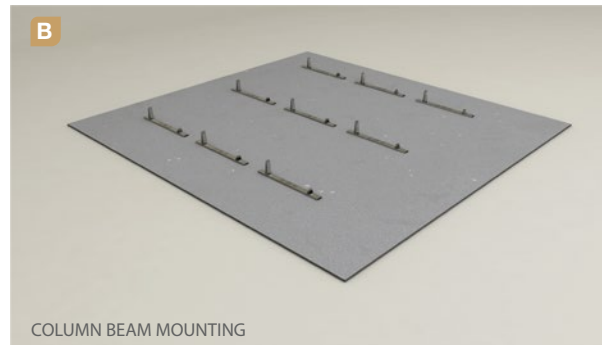
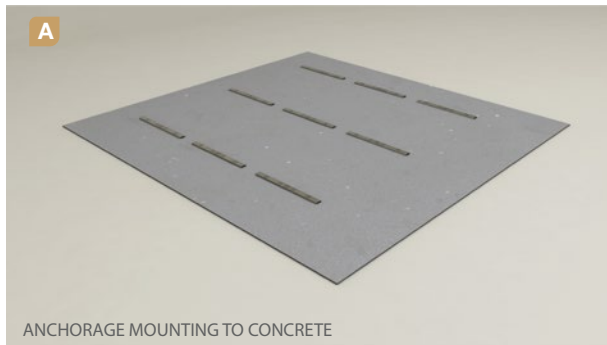


BALAST HOLDER



WINDSHILD





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of roofs
- Ballasted mounting
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ballasted mounting

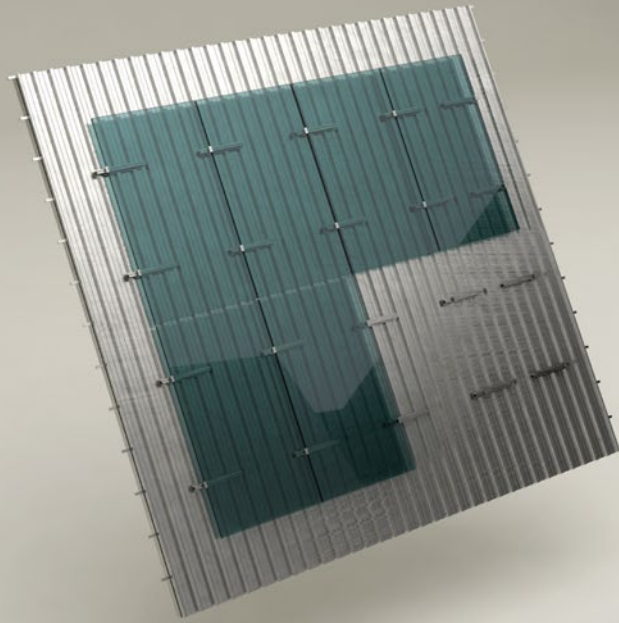
Tilt Angle: 10-15 degrees

Module Application: Framed

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979





MCT17: TRAPEZOID ROOF SOLAR MOUNTING SYSTEMS

Trapezoid roof aluminum mounting system which is fixed by the ballast system. The system is an optimal application solution for installations of PV projects on large and small-sized roofs. It does not require any fastener for installation. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

MOUNTED SET MIDDLE CLAMP

1



MOUNTED SET SIDE CLAMP

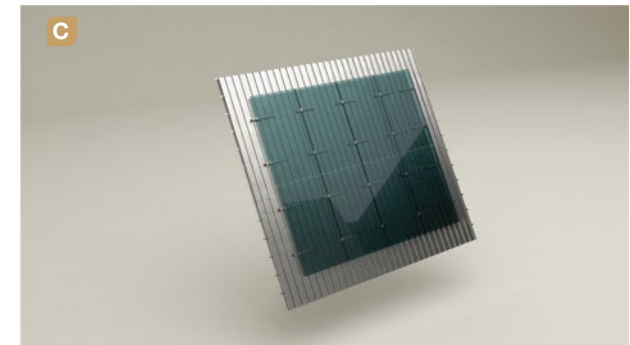
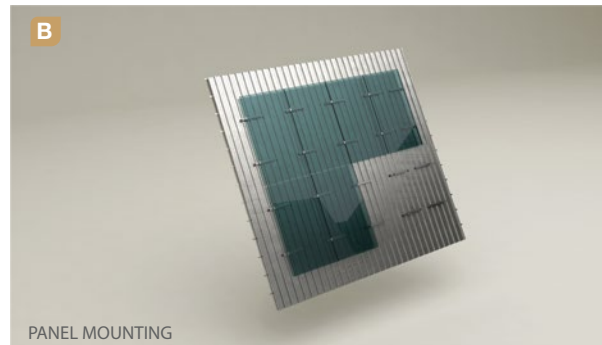
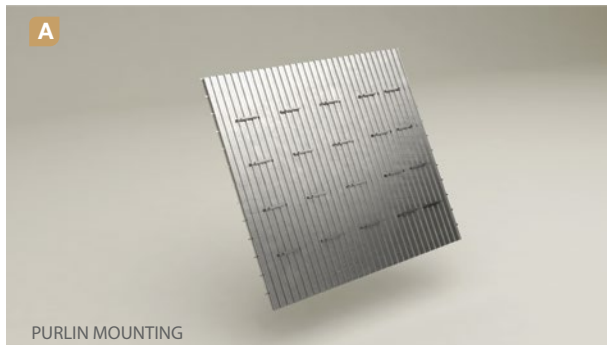
2



ROOF PROFILE (TCAA)

3





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of roofs
- Horizontal and Vertical positioning
- Customer oriented design and engineering solutions



Technical Specifications:

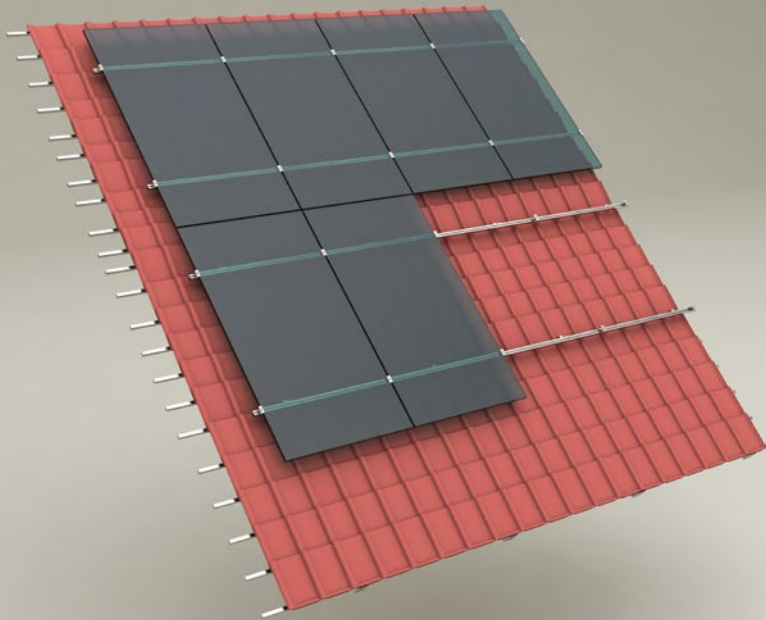
Mounting Method: Pitched Roof Mounting

Module Application: Framed and Unframed

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979





MCT18: TILE ROOF MOUNTING SYSTEM

Tile roof steel and aluminum mounting system. The system is an optimal application solution for installations of PV projects on large and small-sized roofs. It does not require any fastener for installation. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

ALUMINIUM PURLIN

1



TILE PURLIN CONNECTOR

2



PANEL SIDE CLAMP

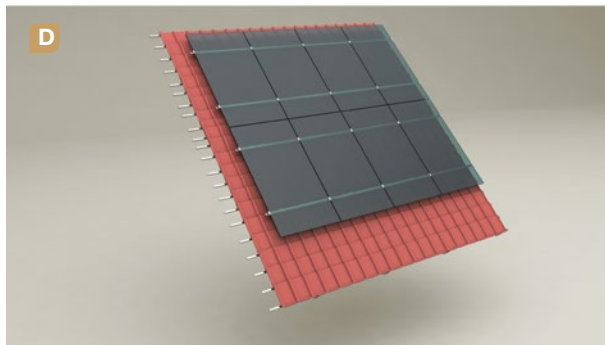
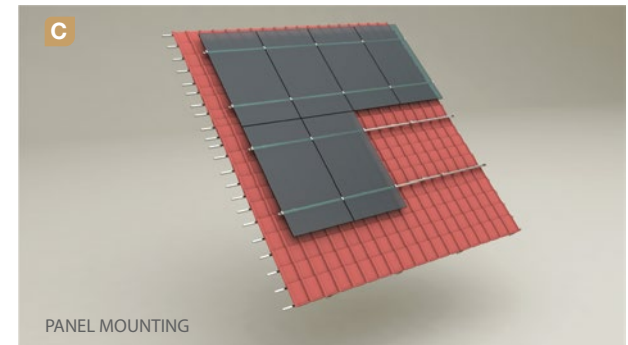
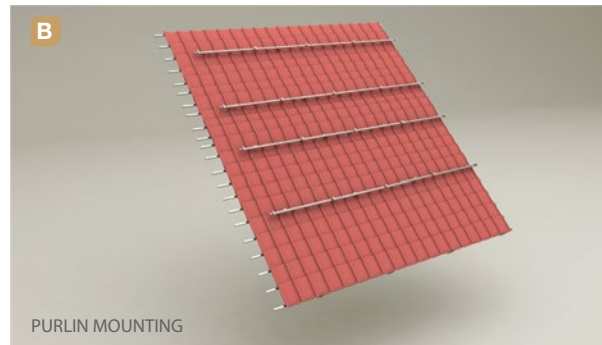
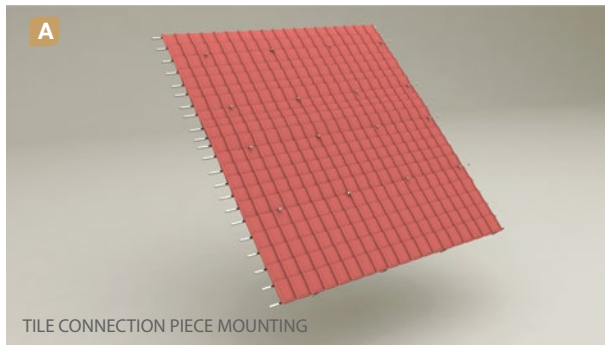
3



PANEL MIDDLE CLAMP

4





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of roofs
- Horizontal and Vertical positioning
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Pitched Roof Mounting

Module Application: Framed and Unframed

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979







Şanlıurfa; 25 MW

Isparta; 11 MW

Uşak; 24 MW

Antalya; 34 MW

Aksaray; 5,2 MW

Ankara; 14 MW

İzmir; 4 MW

Kütahya; 8 MW

Afyon; 24 MW

Burdur; 55 MW

Karaman; 22 MW

Aydın; 10 MW

İzmir; 20 MW

REFERENCES

Macedonia; 21 MW

Serbia; 10MW

Greece; 12MW







Russia, Ukraine, Azerbaijan, Georgia, Iraq, Sweetcorn, Libya, Morocco, Poland, Romania, Serbia, Bulgaria, Greece, Macedonia, Bosnia and Herzegovina, Albania, Montenegro, Hungary, Slovakia, Austria, Czech Republic, Germany, France, Spain, Italy, USA, Canada





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