

## Pitched Roof Mounting System



Empery Solar Tiled Roof Mount solution is ideal for installations on pitched, tiled roofs inclined anywhere between 5° and 60°. It accommodates all framed and unframed solar panels currently on the market. Empery Solar complete product range of mounting brackets provide for fast and simple fixing to purlins or rafters, without having to remove any tiles and without affecting the integrity or function of the tiles themselves. Roof brackets are available for traditional profile tiles, flat tiles and slate tiles.

### Technical Information

Install site	Pitched Tiled Roof
Tilt Angle	Flushed with the roof (10~60 deg)
Building Height	20 m
Max Wind Speed	<60m/s
Snow Load	<1.4KN/m <sup>2</sup>
Standard	AS/NZS 1170 and other international Standard
Material	High Class Aluminum alloy Al6005-T5& Stainless steel 304
Warranty	10 years warranty, more than 20 years duration

### Benefits

- Easy Installation  
Parts have been high pre-assembly on factory to save your installation time.
- Safety and Reliability  
Check and test the structure strictly to against the extreme weather condition.
- Flexibility and Adjustable  
Smart design reduce the difficulty of the installation on the most condition.
- 10-Year Warranty  
Empery Solar provides a 10-years warranty for the material and structure.

## Step



## Components

Aluminum Solar Rail

- Material: AL6005-T5, High Class Anodized Aluminum
- Extruded Aluminum Section
- Both Natural & Black Are Available



### 1.EPR-R1 Black Anodized Available

Item No.	Material	Spec.	Surface
EPR-R1	AL6005-T5	2560mm	Clean Anodized
EPR-R1	AL6005-T5	3405mm	Clean Anodized
EPR-R1	AL6005-T5	4200mm	Clean Anodized
EPR-R1	AL6005-T5	Customized	Clean Anodized

### 2. EPR-SP Rail Splice



Item No.	MaterialC	Spec.	Surface
EPR-SP-15	AL6005-T5	150mm	Clean Anodized
EPR-SP-20	AL6005-T5	200mm	Clean Anodized