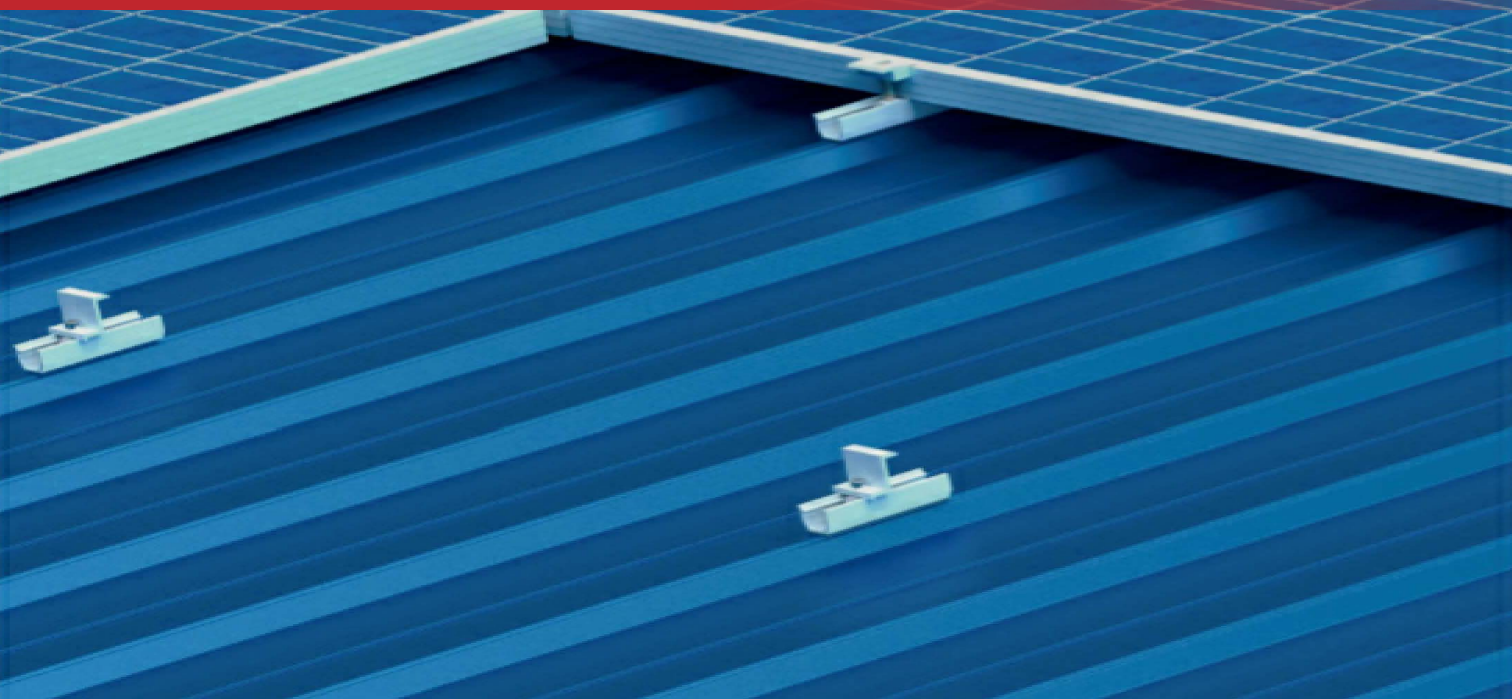


# MINI RAIL

Rail-less mounting solution for metal sheet roof



## Product Features

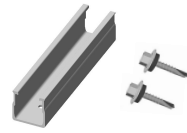
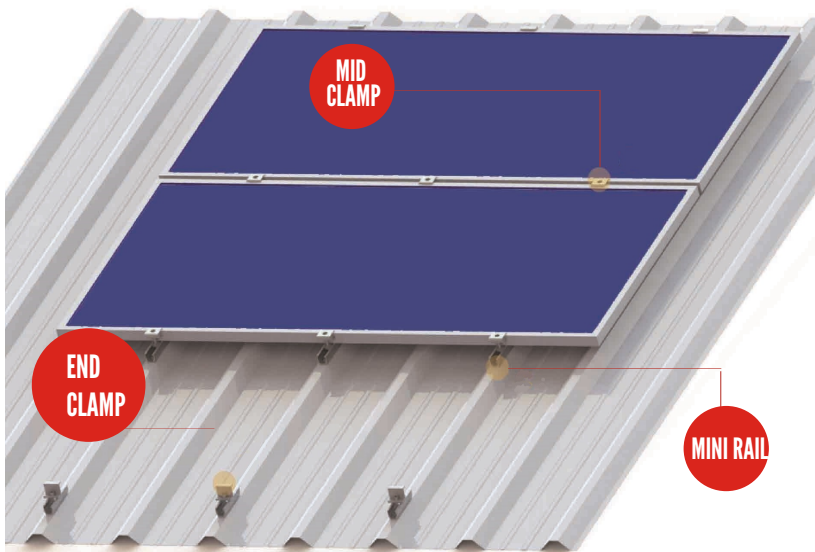
- Widely used for both crystalline modules.
- Easy & quick installation.
- Only 3 kinds of components in whole system fixation.
- All system components are made with high quality aluminum & stainless steel.
- The trapezoidal rib should be more than 20mm

## Technical Data

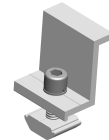
Project site	Trapezondal metal sheet roof
Slope of roof	Up to 60°
Max Building Height	Up to 20m
Wind Load	60m/s
Snow Load	2.0kn/ m <sup>2</sup>
Applicable Module	Frame / frameless module, crystalline/ thin film module
Module Orientation	Landscape
Standard	AS/NZS 1170, MCS, UL
Material	Stainless steel 304, Al6005-T5



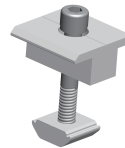
Key Components



Mini rail  
MR140

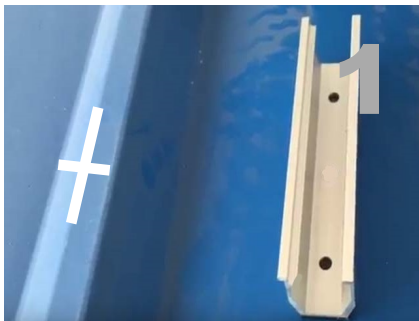


End Clamp Kit  
EC-GS

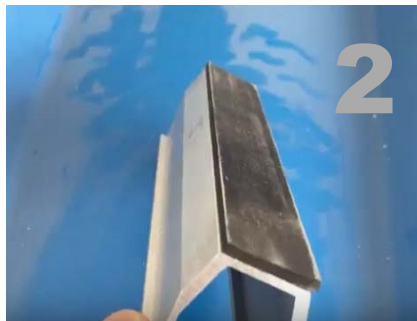


Mid Clamp Kit  
MC-GS

Key Components



Mark the locations of mini rail.



Each mini rail have been preassembled with one EPDM rubber pad.



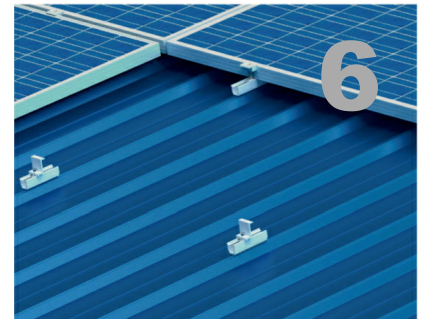
Fasten the mini rail with metal sheet roof with 2pcs st6.3\*25 tapping screw.



Install the end clamps with mini rail.



Install the mid clamps with mini rail.



Fix the module on the mini rail by mid clamps and end clamps.