

SolarRoof

PVezRack® SolarRoof™ Aeri Rail Solution has been developed for both residential and commercial PV installations on tin and tile roofs. Thanks to our Interfaces, Rails and Clamps with unique sectional property, PVezRack® SolarRoof™ Aeri Rail Solution could offer robust structure and long lifecycle. Available with penetrative and non-penetrative solution on a large variety of roof types.

Main Benefits

Reduced installation period

The innovative Aeri Omega Module provides an easy and safe installation method, which can be clicked into the rail at any given point.

Flexible layout

The talented Klip-lok design makes the same components could compatible with Portrait and Landscape layouts by simply rotating the rail clamp.

Versatile application

PVezRack® SolarRoof Aeri Rail Solution could be used for all common tin and tile roof types with a full set Klip-lok family, roof hook and universal tin interface.

Technical Details

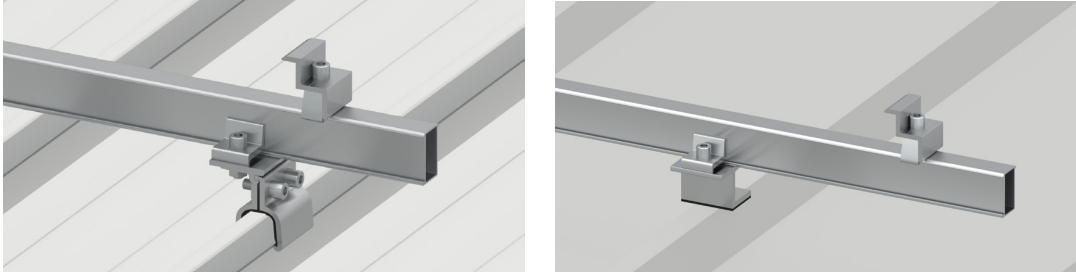
Module Orientation	Landscape or Portrait
Module Type	Framed Frameless
Wind Load	Customised
Roof Type	Tin and Tile Roof
Tilt Angle	0°, parallel to roof surface
Material	Main Structure: AL6005-T5 Fasteners: SUS 304 Roof Hook: SUS 304
Standard	GB50797 AS NZS1170.2 EN1991 JISC8955 ASCE 7-10 SANS 10160
Warranty	12 Years

**12 Year
Warranty**

Commercial

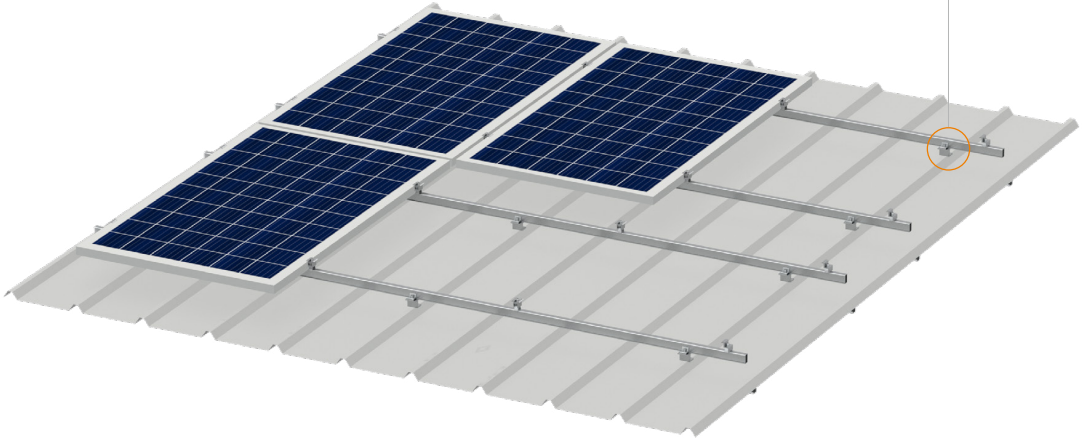
Residential

Tin Roof

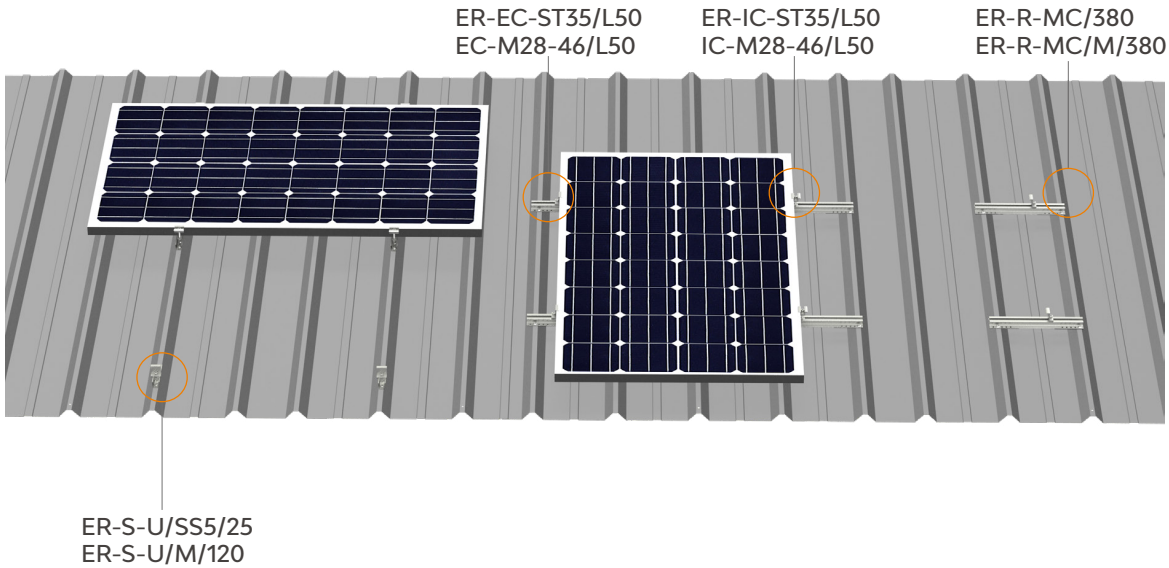


Non-penetrative

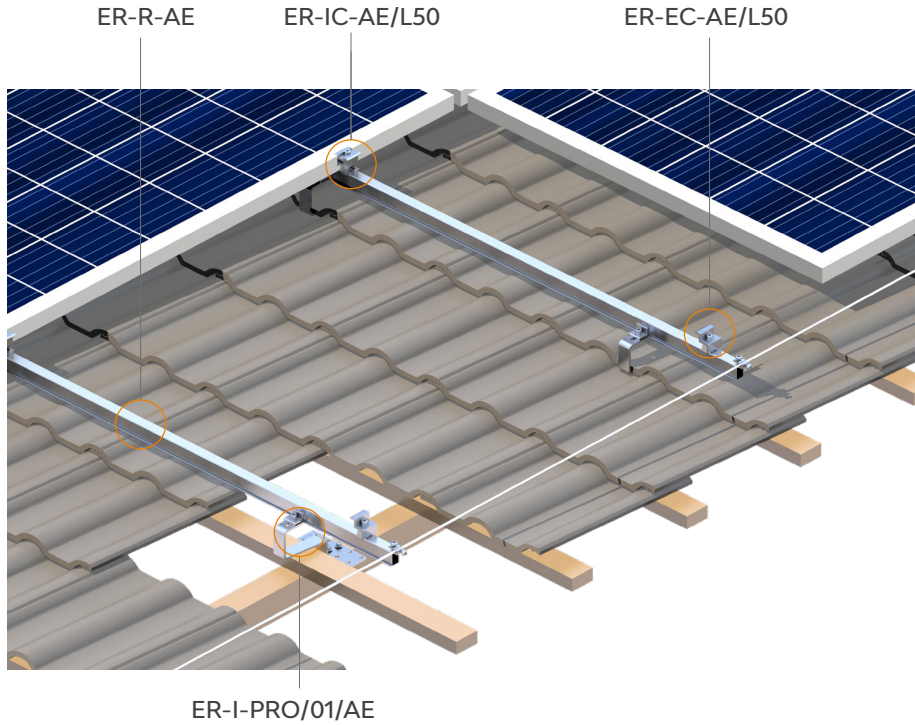
Penetrative



U support & Mycro rail



Tile Roof



ER-R-AE/XXXX
Aeri Rail

- Aeri Rai









ER-SP-AE
Splice for Aeri Rail

- Splice for Aeri Rail
- Self-drilling screw ST4.8*16



ER-IC-AE/L50
Inter Clamp

- Inter Clamp
- Washer 8
- Aeri Omega Moudle
- Hexagon socket head cap screw M8*30

	<p>ER-EC-AE/L50 End Clamp</p>	<ul style="list-style-type: none"> - Omega End Clamp 30&35mm - Washer 8 - Aeri Omega Module - Hexagon socket head cap screw M8*20
	<p>ER-IC-ST/L50 Inter Clamp, Length 50 mm</p>	<ul style="list-style-type: none"> - Inter clamp - Z Module - Washer 8 - Hexagon socket head cap screw M8
	<p>ER-EC-ST/L50 End Clamp 30&35, Length 50 mm</p>	<ul style="list-style-type: none"> - End clamp - Z Module - Washer 8 - Hexagon socket head cap screw M8*28
	<p>EC-M28-46/L50 End Clamp 28-46mm, with M module</p>	<ul style="list-style-type: none"> - Universal Clamp, Length 50mm, Anodised - M Module 16.5*30.7mm - Corrugated L-anchor Plate 3 - Button Head Torx Screws M8*35 - Lock washer 8 - Spring for Universal Clamp
	<p>IC-M28-46/L50 Inter Clamp 28-46mm, with M module</p>	<ul style="list-style-type: none"> - Universal Clamp, Length 50mm, Anodised - M Module 16.5*30.7mm - Button Head Torx Screws M8*35 - Lock washer 8 - Spring for Universal Clamp
	<p>ER-RC-AE Rail Clamp for Aeri Rail</p>	<ul style="list-style-type: none"> - Rail Clamp for Aeri Rail - Washer 8 - Hexagon socket head cap screw M8*25 - Plain washer 8 - Hexagon nut M8
	<p>ER-RC-AE/05 Rail Clamp for Aeri Rail without nut</p>	<ul style="list-style-type: none"> - Rail Clamp for Aeri Rail - Washer 8 - Hexagon socket head cap screw M8*20
	<p>ER-I-05/DU-6.3/70 Dual Tin Interface with Buildex Screw 6.3*70mm</p>	<ul style="list-style-type: none"> - Dual Tin Interface - Rubber Pad 35*50*2 - Buildex 14-11 x 70 Hex Head Zips Climaseal 5 with 16 mm Aluminium Bonded Washer



ER-I-PRO/01/AE

Tile Interface for light to medium, with Rail Clamp for Aeri Rail

- Main Part of Roof Hook Pro H132
- Rail Clamp for Aeri Rail
- Buildex 14-11 x 70 Hex Head Zips Climaseal 5 with 16 mm Aluminium Bonded Washer
- Hexagon socket head cap screw M8*25
- Hexagon nut M8
- Nut fixed
- Washer 8



ER-I-34

Brooklyn Klip-lok Clamp

- Main Hook of Brooklyn Klip-lok Clamp
- Side Hook of Brooklyn Klip-lok Clamp
- Plain washer 8
- Hexagon socket head cap screw M8*25
- Hex Nut GB/T 6170-M8-8-tZn
- O rubber rings $\phi 10 \times 1.9$
- Washer 8
- Hexagon socket head cap screw M8*80



ER-I-31-SH

Klip-lok Interface 400-700HS, L50*45

- Main Hook for klip-lok interface 400-700HS, L50*45, with slot hole
- Side Hook for klip-lok interface 400-700HS, L50
- Rubber Pad 65*50*2
- Hexagon socket head cap screw M8*25
- Washer 8



ER-I-43

Klip-lok Interface for Angularity 25

- Main Hook for Aeri klip-lok interface for Angularity 25
- Side Hook for Aeri klip-lok interface for Angularity 25
- Hexagon socket head cap screw M8*25
- Plain washer 8
- Washer 8
- Hexagon nut M8



ER-I-44

Klip-lok Interface for standing seam 8

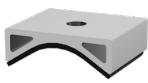







- Main Hook for Aeri klip-lok interface for standing seam 8
- Side Hook for Aeri klip-lok interface for standing seam 8
- Hexagon nut M8
- Hexagon socket head cap screw M8*25
- Washer 8
- Plain washer 8



ER-HB-MP/8/150/AE
ER-HB-WP/10/200/AE

Hanger Bolt for metal purlin, M8x150, M10x200 with mounting plate for Aeri Rail

- Hanger Bolt for metal purlin M8*150/ M10*200
- Waterproof Gasket for Hanger bolt M8
- Hexagon nut with flange M8
- Mounting Plate T6*116
- Rail Clamp for Aeri Rail
- Washer 8
- Hexagon socket head cap screw M8*25
- Hexagon nut M8
- Nut fixed

	<p>EZ-AD-C43 Adapter (Puck) for Corrugated Iron Roof</p>	<ul style="list-style-type: none"> - Corrugated Tin feet base - Rubber Pad 55*43*2
	<p>ER-S-U/SS5/25 U-Support</p>	<ul style="list-style-type: none"> - U Support - Rubber Pad for U Support - Self-drilling screw ST5.8*25
	<p>ER-R-MC/380 Mycro Rail</p>	<ul style="list-style-type: none"> - Mycro Rail - Rubber Pad for U Support
	<p>ER-S-U/M/120 U Support 120mm, with M-Module channel</p>	<ul style="list-style-type: none"> - U Support 120mm, with M-Module channel - Rubber Pad for U Support
	<p>ER-R-MC/M/380 Mycro Rail 380mm, with M-Module channel</p>	<ul style="list-style-type: none"> - Mycro Rail 380mm, with M-Module channel - Rubber Pad for U Support
	<p>EZ-GC-ST Grounding Clip, with Clenergy Logo</p>	<ul style="list-style-type: none"> - Grounding Clip, with Clenergy logo
	<p>EZ-GC-AE Grounding Clip II for Aeri Rail</p>	<ul style="list-style-type: none"> - Grounding Clip II for Aeri Rail
	<p>GC-DT Grounding Clip for DT Rail</p>	<ul style="list-style-type: none"> - Grounding Clip for DT Rail