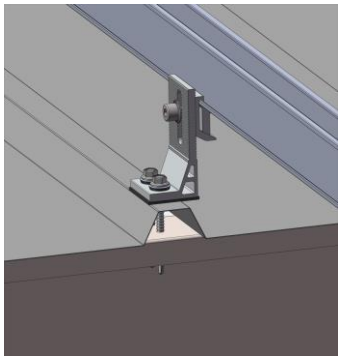
PV-ezRACK®

Tin interface A with ezClick connection with double screw inserts (screws excluded)

Assembly

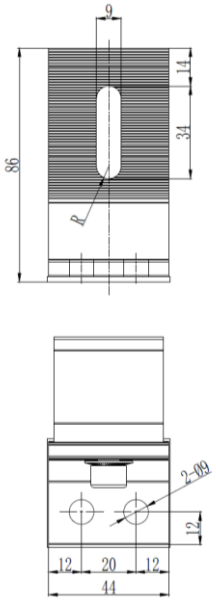


Component

Tin interface A with ezClick connection with double screw inserts (screws excluded)
Part No.: ER-I-05A/EZC/MAX (bar code: 10-001-00679)

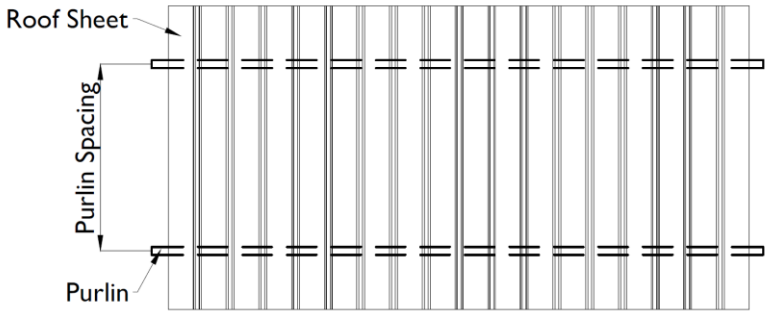
Technical Specification

Application	Tin Roof (increase spacing comparing to single fastener tin interface, refer to engineering cert. on page 3)
Purlin Requirement	Metal or Timber purlin (minimum 34 mm wide)
Rail Compatibility	ECO/Elite/TUN Rail
EPDM	Pre-fitted (2mm thickness)
Packaging	40 units per pack, 4 packs (160 units) per carton
Dimensions	L44mm*W38mm*H84mm L395mm*W260mm*H330mm (carton)
Weight	0.138 Kg 23.2 kg (carton)
Material	Main Structure: AL6005-T5 Bolts/washers/nuts: SUS 304 Rubber Pad: EPDM
Standard	AS NZS1170.2-2021

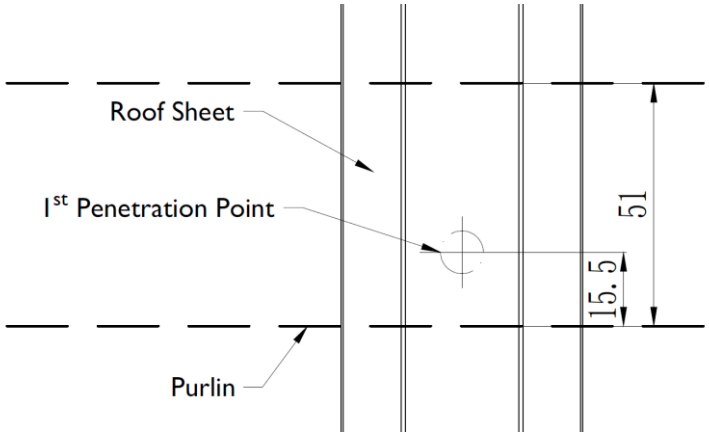


Installation Steps

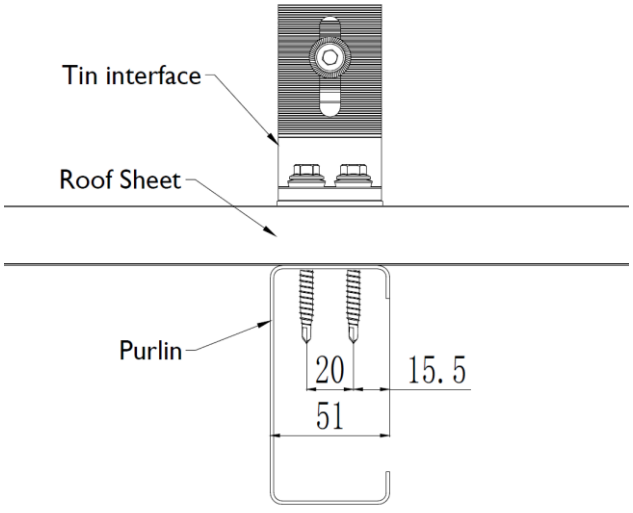
Step 1: Identify and measure exact purlins position and width (required minimum purlin width is 34 mm).



Step 2: Mark 1st penetration point on the rib of roof sheet based on the purlin width (use 51 mm wide purlin below for example).



Step 3: Align tin interface hole position with marked penetration point to install 1st screw and then 2nd screw.



MW Engineering Melbourne

CIVIL & STRUCTURAL ENGINEERS
RESIDENTIAL - INDUSTRIAL - COMMERCIAL - PRODUCT DEVELOPMENT

info@mwengineering.melbourne
Phone: 1300 MWENG-0 (1300 69364-0)
www.mwengineering.melbourne
ABN 37 605 815 585

Clenergy Australia
1/10 Duerdin Street
Clayton, VIC 3168

13 / 09 /2023

ACCESORIES CERTIFICATION LETTER

For the introduction of these new accessories, we have created reduction and increment factors for each COMPONENT in our PV-ezRack product range. These factors have been carefully crafted to cover most of the possible scenarios that you may encounter during a solar installation.

MW Engineering Melbourne, being Structural Engineers within the meaning of Australian regulations, have calculated the below factors to be applied to spacing tables for the PV ez-Rack range for the following conditions:

Rail	Component	WR A	WR B1	WR B2	WR C	WR D
Eco Rail	Double L-Feet	0%	0%	0%	4%	10%
Tunnal rail	Single L-feet (single splice)	5%	4%	4%	0%	0%
Tunnal rail	Single L-feet (double splice)	9%	8%	7%	0%	0%
Tunnal rail	Double L-feet (single splice)	5%	4%	4%	6%	12%
Tunnal rail	Double L-feet (double splice)	9%	8%	7%	8%	17%

The certificates spacing tables can be used with the above increment factors:

- CL-088-S Tin and Tile Interface spacing tables
- CL-343-S Klip-lok Flush Interface spacing tables
- CL-406-S Klip-lok Tilt Interface spacing tables
- CL-530-S Penetrative tilt Interface spacing tables
- CL- 563-S Adjustable Tile Interface spacing tables
- CL-619-S Commercial tilt interface spacing tables
- CL-620-S Klip-lok Commercial Tilt V2.0 Spacing Tables
- CL-693-S Tin and Tile Interface spacing tables -V500 years
- CL-1056-Y Commercial Klip-lok
- CL-1066-Y Commercial penetrative

The values shown on this table will be valid unless an amendment is issued on any of the following codes:

- **AS/NZS 1170.0- 2002 AMDT 4-2016** **General Principles**
- **AS/NZS 1170.1- 2002 AMDT 4-2016** **Imposed Loadings**
- **AS/NZS 1170.2- 2021** **Wind Loadings**
- **AS/NZS 1664.1- 1997 AMDT 1:1999** **Aluminium Code**

Should you have any queries, do not hesitate to contact us.

Best Regards,

Alberto Escobar
Civil/Structural Engineer
BEng MIEAust NER
PE 0003615 RPEQ 18759 BDC 3134 BPB (NT) 262228ES BSP (TAS) 845530344
info@mwengineering.melbourne