

RBI Roof R-Panel

Corrugated metal roofs require a unique roof mount system, which is why we developed the RBI Roof R-Panel system. This highly specific design is engineered with lightweight clamp bases instead of long rails. The system is specifically designed to not compromise the integrity of the existing metal roof structure.

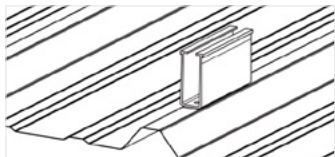
Engineered to Adapt

- Lightweight base clamps utilize the strength of the metal roof to eliminate need for longer rails.
- Attached directly to the metal roofing with no need to attach to rafters of the building.
- Triple-layer leak protection doesn't harm the stability of the roof, ensuring its longevity.
- Pre-made PE stamp calculations are available to make the permitting process quicker.

Simple & Durable

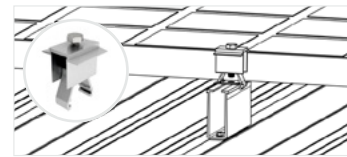
- Compact base clamp design reduces packaging and is easy to handle on-site.
- Pre-assembled clamps and bases make for a simple installation with only one tool required to assemble.
- Base clamps can come with pre-assembled attachment for microinverters.
- A self-sealing EPDM bonded washer/gasket seals the base clamp connection to the roof, which is ICC tested and approved.

Clamp Base



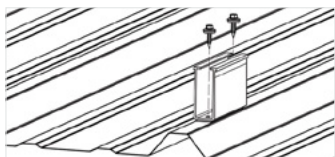
- Attaches directly to sheet metal
- Self-sealing EPDM gasket
- High and low profiles available

Mid Clamp



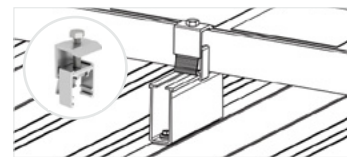
- One clamp fits all framed modules
- Pre-applied anti-seize
- Fully assembled

Screws



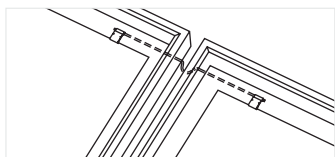
- Self-piercing/self-tapping threads
- Self-sealing EPDM bonded washer
- ICC tested & approved for application

End Clamp



- One clamp fits all framed modules
- Pre-applied anti-seize
- Fully assembled

Module Jumper



- Eliminates lug requirement for row-to-row bonding

Trapezoidal Roof Profile Examples:



Specifications

Material	6000 series aluminum
Roof Pitch	Up to 45-degree slope
PE Stamps	ASCE 7-05 and 7-10
Clamps	Multiple options between 30-50 mm thick
Roof Types	Sheet metal (26 gauge or thicker) with trapezoidal peaks at least ¾" wide
Listing	UL 2703 for bonding & grounding
Fire Compliance	UL 1703 Class A for Type 1 and 2 PV modules
Warranty	10 years

