

NUEVO CLAMP

NUEVO CLAMP solutions are engineered to provide maximum flexibility in both design and installation for various trapezoidal-profile metal roofs. Requiring very few components for installation, they are both economical and efficient to install at a rapid pace. NUEVO CLAMPS are broadly classified into 3 types:

Omega Clamp



Directly connected to the roof using ergonomically efficient omega clamps.

Steel Rails



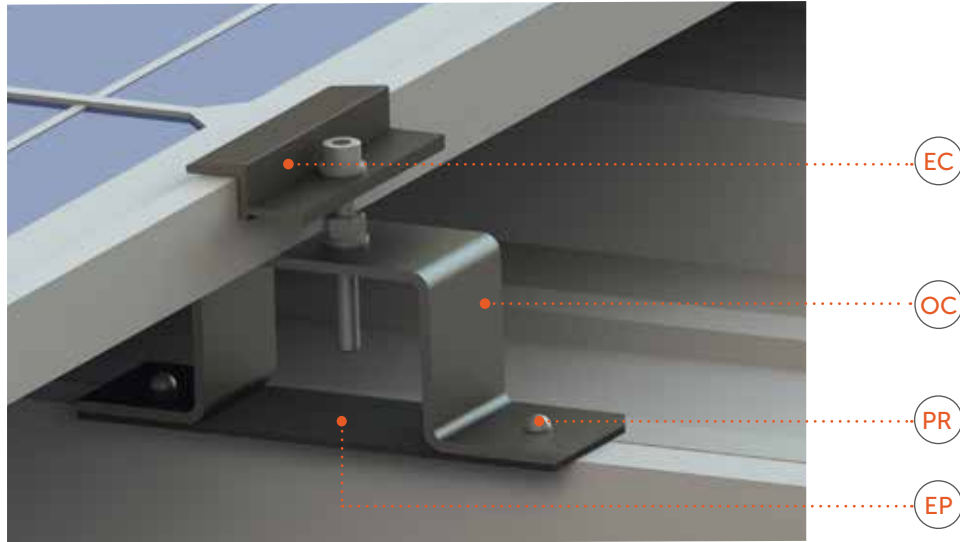
Utilise the substructure arrangement of roofing to form support base for modules. Extremely robust and resilient.

Aluminium Rails



Preferred mode of installation for curved roofings. Aluminium's durability and flexibility serves as a major game changer.

Omega Clamp



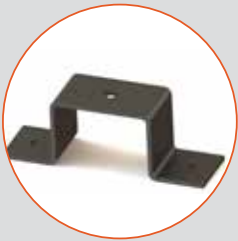
Structure Description:

Omega clamp solution is the simplest of the clamp solutions and consists of the following components

- Omega Clamp is the critical member which is fastened to the sheet metal using the pop rivets. EPDM strip beneath the L-Bracket serves both as a frictional agent as well as primary waterproofing layer.
- Omega clamps are installed at 3 locations on the longer side of the module.
- Sikasil© sealant is applied on the edges of the omega clamp for additional protection.
- This is connected at the crest to the roof thereby eliminating the water logging.

Technical Data

- Design to wind speed: 140-200 kmph
- Orientation: Landscape
- Tilt Angle: Parallel to the roof
- Module Connecting Elements: Pop Nuts with a washer
- Material: Post galvanized steel, Aluminium, Stainless Steel.
- Sealant : Sikasil©



OC Omega Clamp

Post-galvanized MS (80 μ)
Yield Strength of 250-350 MPa



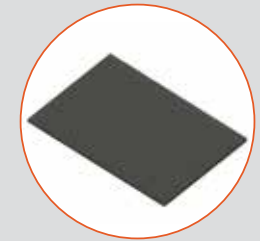
EC End Clamp With Pop Nut

Anodized Aluminium (15 μ)
Yield Strength = 210 MPa



PR Pop Rivet

Anodized Aluminium



EP EPDM

Excellent ozone, chemical, and aging resistance.

Structure Description:

Steel or Aluminium railings are proposed, either when sheet roofing is deteriorated, or when the roofing possesses a curved profile. The solution's consisting components are

- L-brackets, the critical load bearing members, fastened directly to the sheet metal roof in the trough of the trapezoidal profile.
- Self-tapping screws to fasten the L-Bracket to the roof via EPDM.
- EPDM strip beneath the L-Bracket serves both as a frictional agent as well as primary waterproofing layer.
- Steel or Aluminium purlins anchored to the free end of the L-bracket. Modules are placed on the purlin.
- Sikasil© sealant applied as an additional waterproofing layer.

Technical Data

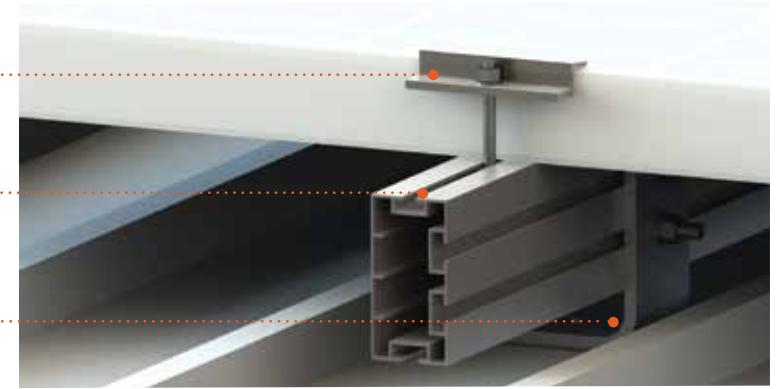
- L-Brackets and Purlins Connecting elements:
Aluminium: T-bolts **Steel:** Hex bolts
- Module Connecting Elements:
For Aluminium Rails = T-bolts **For Steel Rails** = Hex bolts
- Material: Post galvanized steel, Aluminium, Stainless Steel.
- Max adoptable curvature roof: 5 deg – 30 deg

Aluminium / Steel Rails

EC

AR

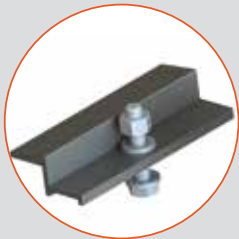
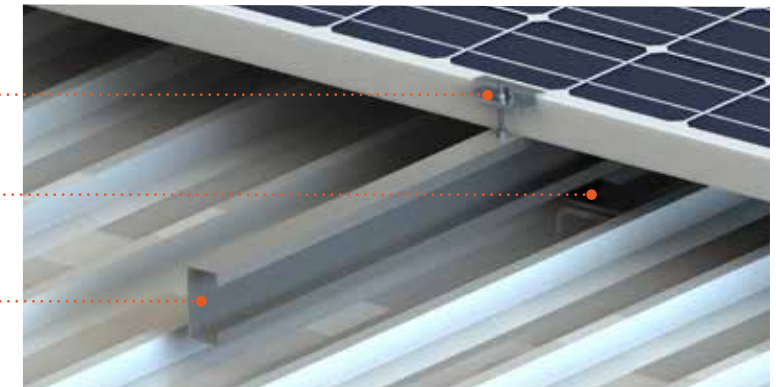
LB



EC

LB

SR



EC End Clamp With Hex Nuts

Anodized Aluminium (15 µ)
Yield Strength = 210 MPa



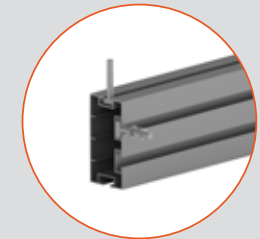
LB L-Bracket

Post Galvanized MS
Yield Strength = 250 - 350 MPa



SR Steel Railings

Pre Galvanized MS (550 GSM) Or,
Post Galvanized MS (80-120 µ)
Yield Strength = 250 - 350 MPa



AR Aluminium Rails with T- Bolts

Anodized Aluminium (15 µ)