

BISOL EasyMount™ Quick RAIL

Universal & flexible for trapezoidal metal sheets



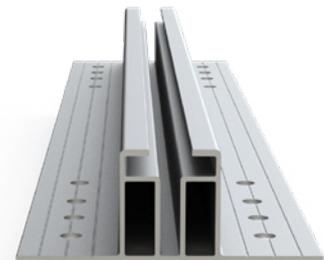
Technical Specifications

Application	Pitched roofs with trapezoidal metal sheet (minimal thickness 0.5 mm) ⁽¹⁾
Trapezoidal wave type	All trapezoidal wave dimensions and angles
Method of installation	Directly into the metal sheet
Module orientation	Portrait or landscape
Module frame tolerances	Suitable for all framed module dimensions
Material	Aluminum EN-AW 6063 T66 (Quick RAIL) / Stainless steel (fastening elements)
Snow load per system	0 – 5.40 kN/m ² (with BISOL PV modules) ⁽²⁾
Dimensions	Width: 80 mm / Height: 30 mm / Length: 370 mm

⁽¹⁾ Other thicknesses available upon request.

⁽²⁾ Depending on project specifics. More information available upon request.

Side profile view of Quick RAIL



Resistance design forces per one Quick RAIL attached with 4 screws

Steel S280GD to S350GD - EN 10346					
Trapezoidal metal sheet thickness [mm]	0.50	0.55	0.63	0.75	0.88
Pull-out design resistance N_{rk} in kN]	2.68	3.12	3.76	4.84	6.00
Shear design resistance [V_{rk} in kN]	3.24	3.96	5.04	6.84	9.84

Aluminium with $f_{y,min} = 165$ MPa - EN 573						
Trapezoidal metal sheet thickness [mm]	0.50	0.60	0.70	0.80	0.90	1.00
Pull-out design resistance N_{rk} in kN]	1.28	1.68	2.04	2.44	2.84	3.20
Shear design resistance [V_{rk} in kN]	1.80	2.64	3.52	4.36	5.84	7.32



Watch a short installation guide video



DEVELOPED IN COOPERATION WITH
University of Ljubljana
Faculty of Mechanical Engineering



Fits most trapezoidal metal sheets



Cost-effective solution



No swarf



Improved ventilation



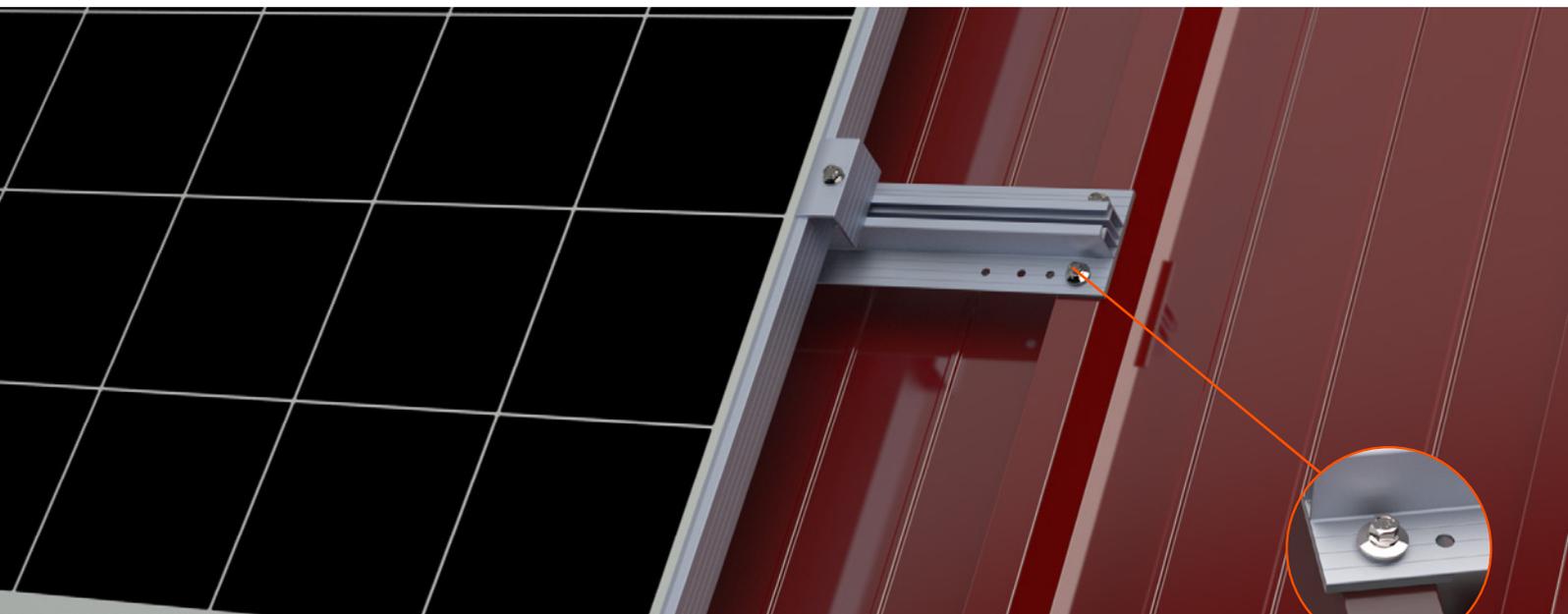
10-year product guarantee



ETA Certificate



Fun facts about BISOL EasyMount™ Quick RAIL



Installing the Quick RAIL mounting structure produces no swarf thanks to our special screws that create their own extended thread. Why is this important? With stepping on swarf during installation, micro-cracks occur in your roof structure. The damage is not visible right away, but certainly with time it has a major negative effect on the roofing properties.

Did you know?

BISOL Group is the first and only solar company in the world that has developed the perfect solar PV module with 100% output power guarantee for 25 years of operation: **BISOL Supreme™**.

To relax and fully enjoy the comfort of BISOL Supreme™, apply for BISOL Supreme™ Cashback and be rewarded when buying the most luxurious and high performance product available in the world.



BISOL Supreme™

THE ONE AND ONLY
with **100% output
power guarantee**



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