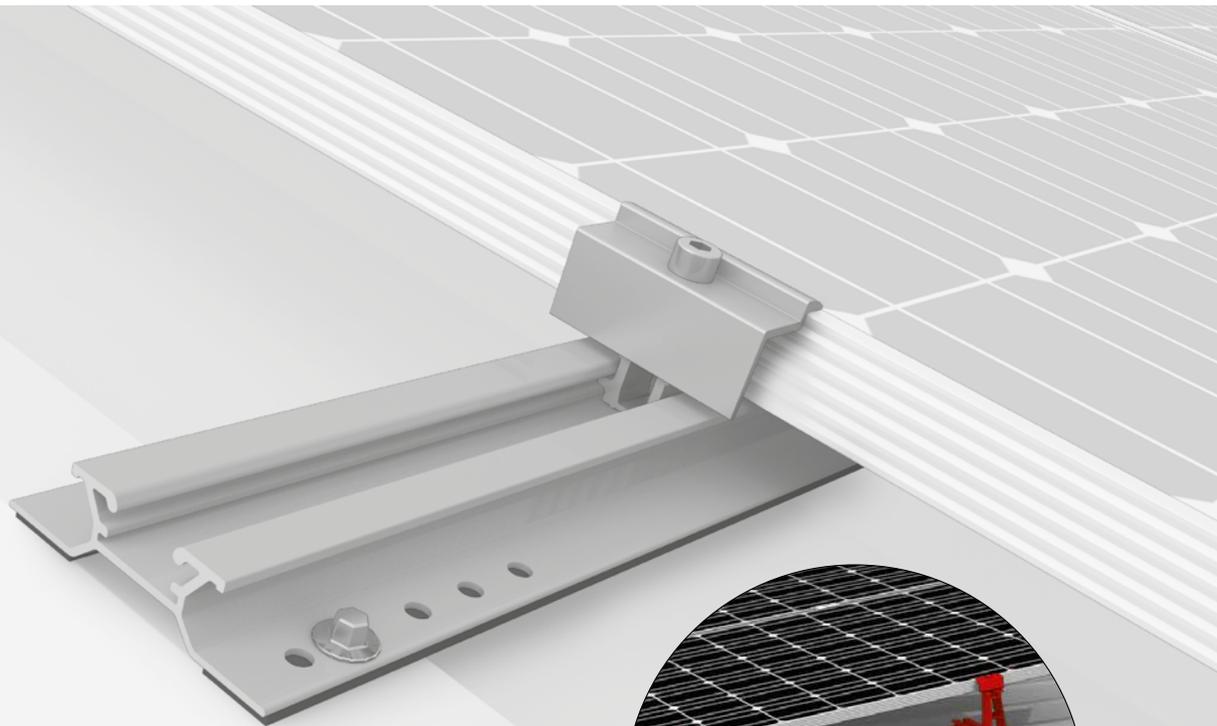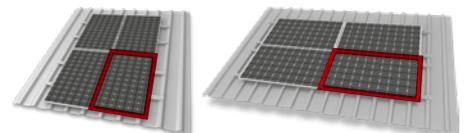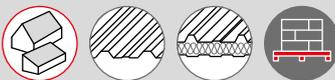# MiniRail System

5° elevation with MiniFive

/ Innovative and statically optimised short rail system that is quick and easy to mount

/ Universal module clamps and suitable for portrait and landscape orientation

/ 5° elevation with MiniFive: significantly more output thanks to improved ventilation and optimised module angle

/ Optimised for storage and transport

The MiniRail System allows portrait and landscape mounting in the form of grid mounting thanks to the universal module clamps, which are rotatable by 90°.

Components

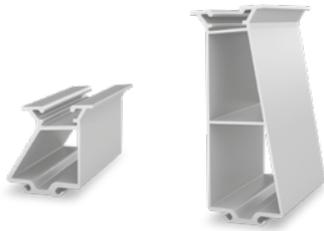**MiniRail**

/ Landscape and portrait mounting with MiniClamp MC/EC

MiniClamp MC/EC 30 - 50 mm

/ Universal module clamp
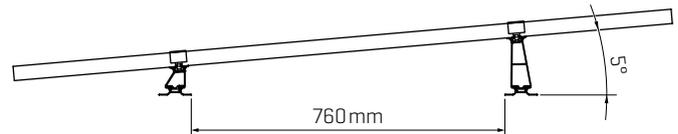/ Clamp is rotatable

Self-tapping screws
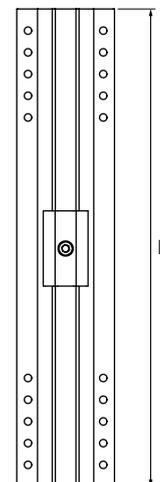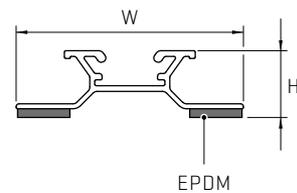
/ Included in MiniRail MC/EC set
/ With sealing washers

MiniFive front and end

/ Single-sided, easy elevation with insertable supporting element
/ Improved ventilation and higher yield
/ Optimised module angle
/ Portrait and landscape mounting possible

Technical data

	MiniRail System
Scope of application	Pitched roofs with trapezoidal sheet metal or sandwich panels Roof inclination: 5 - 75°
Fastening type / roof fixture	Screws in roofing with self-tapping thin sheet screws
Requirements	▪ Sheet thickness: ≥ 0.5 mm steel or aluminium ▪ Sandwich panel: Approval from manufacturer required ▪ Crest width: At least 22 mm * ▪ Crest spacing: 101 - 350 mm depending on crest width ▪ Flush area surrounding the bore hole: Ø ≥ 20 mm ▪ Module frame height: 30 - 50 mm
Module orientation	Vertical or horizontal
Material	Aluminium [EN AW-6063 T66 / EN AW-6082 T6]; EPDM
Dimensions MiniRail W × H × L [mm]	78.2 × 23 × 385
Elevation with MiniFive	approx. 5°

* The project-specific minimum high crest width dimension can be found in the Base report.