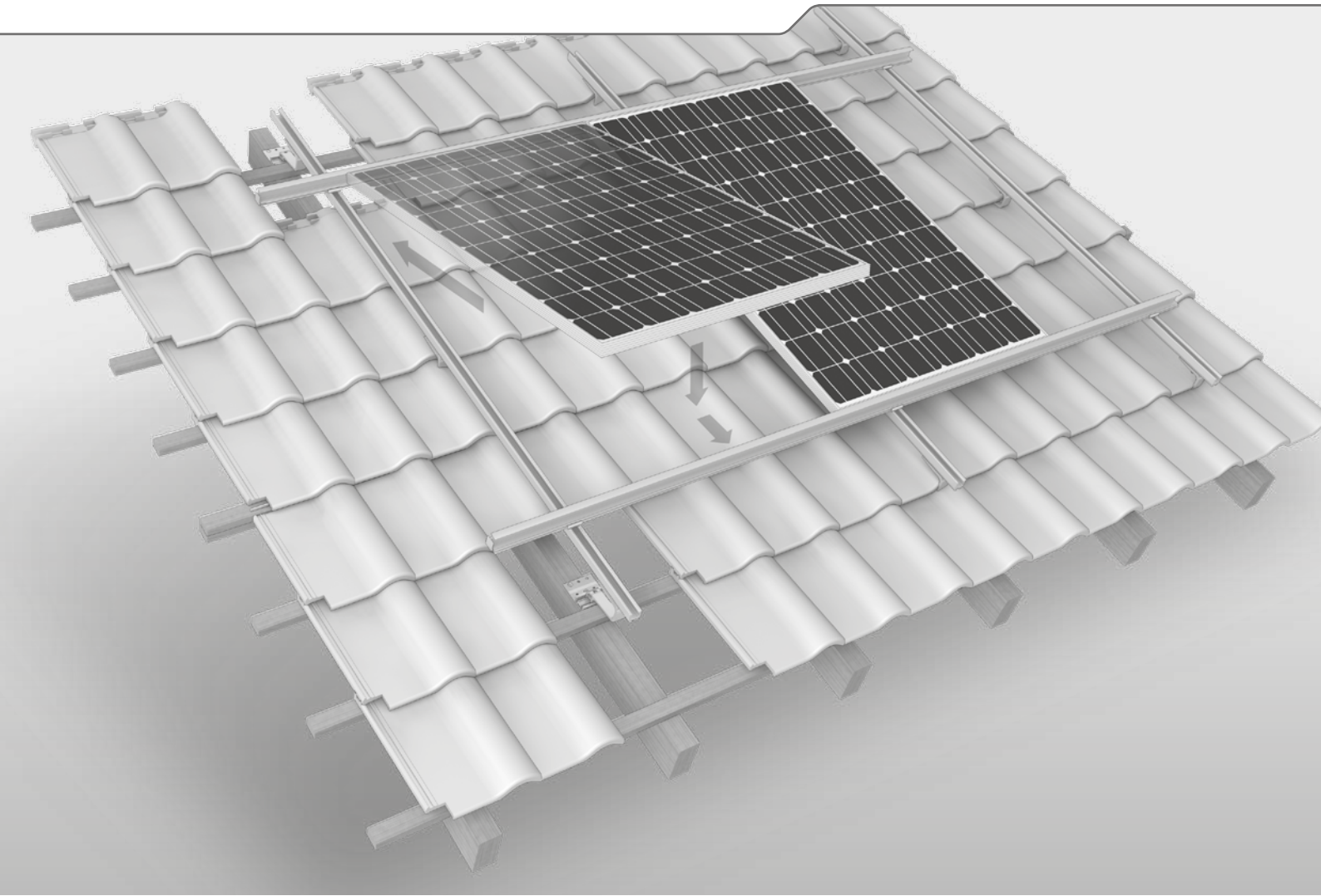


Insertion System

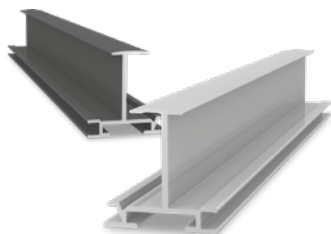


- ▶ Without having to apply clamps eliminates the need for assistance ensuring lightning-fast installation
- ▶ Easy to assemble with few components and without special tools
- ▶ Sleek design with continuous closed surface adds further robustness
- ▶ Insertion profile provides additional frame reinforcement



In cooperation with
solarteam ● 

Components



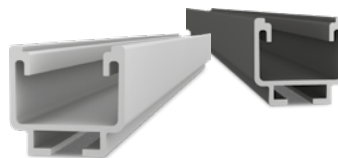
Insertion rails

- ▶ Intelligent solution for efficient module installation
- ▶ Seals surface
- ▶ Available in black



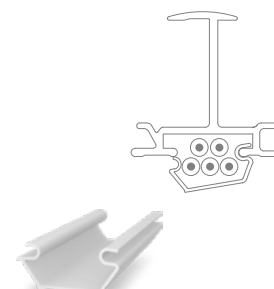
Cross connector

- ▶ Fixation for insertion rail on SolidRail
- ▶ Simple mounting



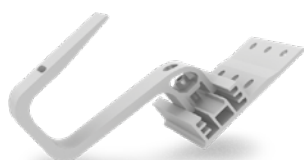
SolidRail

- ▶ Robust mounting rail
- ▶ Different load conditions
- ▶ For large spans
- ▶ Available in black



Cable management

- ▶ Quick cable connection beneath the insertion rail
- ▶ Up to 5 cables



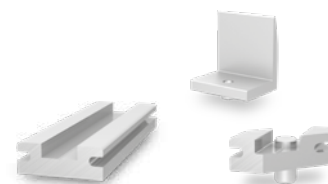
CrossHook 3S+/4S+

- ▶ Height-adjustable and laterally adjustable
- ▶ Also suitable for narrow rafters



Hanger bolt with adapter

For corrugated fibre cement roofing with wooden substructures

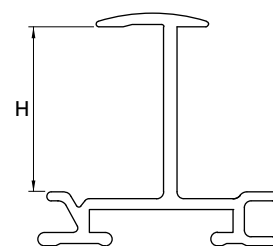


Accessories

- ▶ Connector insertion rail
- ▶ Side stopper
- ▶ Horizontal end bracket

Technical data

	Insertion system
Scope of application	Pitched roofs with pan tiles or corrugated fibre cement
Fastening type / roof connection	Roof hooks or hanger bolts
Module frame heights (H)	<ul style="list-style-type: none"> ▶ 35 mm ▶ 40 mm ▶ More heights on request
Requirements	7 mm spacing between insertion rails
Module orientation	Landscape and portrait
Material	<ul style="list-style-type: none"> ▶ Mounting rails and cross connector: Aluminium EN AW-6063 T66 ▶ Components: stainless steel (1.4301) A2-70
SolidRail lengths [m]	Aluminium mill finish: 4.15 and 6.10 Black anodised: 6.10
Insertion rail lengths [m]	Aluminium mill finish: 5.10 Black anodised: 5.10



Roof fastenings

You will find detailed technical data on our roof fastenings starting on page 18.

