



iFIX

The fast PV flat roof
mounting system with
standard aluminum end clamps

Technical Data Sheet

Version May 1st, 2018



gravel

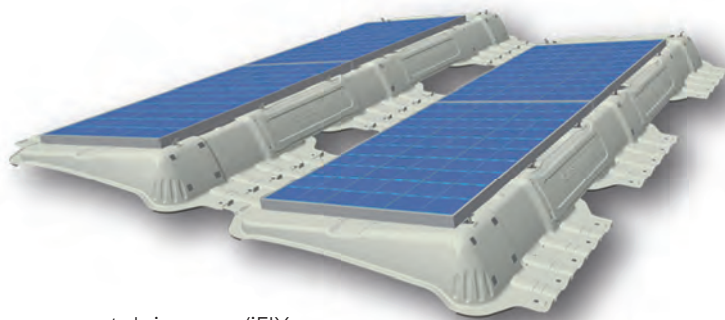


foil



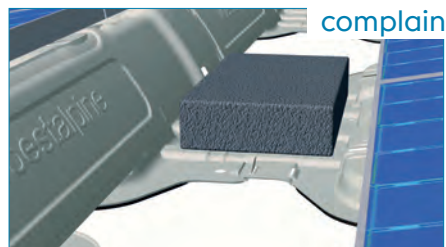
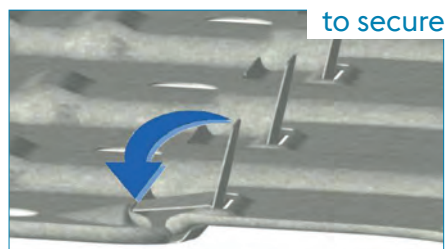
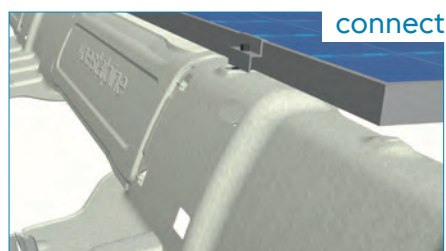
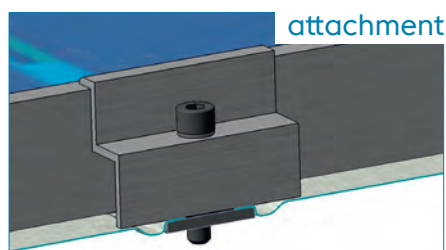
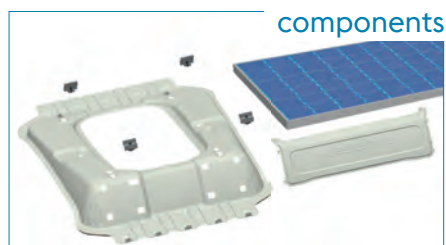
bitumen

Technical Data



Detailed information is available at mounting instructions on: www.voestalpine.com/iFIX

Requirements	Roof inclination maximum 5° Permissible roof skins: Bitumen, plastic foil, gravel. No permanent ponding water on the roof. Wind load zones 1 to 3 (min. distance to shore 3 km), maximum peak velocity pressure 520 N/m ² Pressure load up to 5.4 kN/m ² Building height: up to 25 m
Areaload	4.47 kg/m ² inclusive protection mats and clamps, without PV and weighting
Module direction	horizontal
Usable PV modules with frame size	minimum 1.638 x 982 mm maximum 1.675 x 1.006 mm height: 35/38/40 mm
Grid dimension in row	PV module length +10 mm (maximum 1.685 mm) To calculate length of row, add 400 mm for end sections.
Grid dimension between rows	1.590 mm at 16° shading angle 1.519 mm at 18° shading angle
Height	maximum 231 mm (without PV module)
Module angle	10°
Shading angle	selectable 16° or 18°
Material	Sheet parts made of corrosion protected aluminum-zinc-coated steel sheet Lever clamps: aluminum
Certificates, tests, standards:	Wind tunnel expertise Static according to eurocode



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