



OUR FLAT ROOFS MOUNTINGS

WELDED WATERPROOFING RAIL

TYPE OF WATERPROOFING /

BITUMEN 	PVC 	TPO 	EVALON® 
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OUR RAILS WITH PRE-INSTALLED WATERPROOFING STRIPS /

ADVANTAGES

- All types of buildings : buildings subject to biodiversity laws, logistics platforms, commercial, and residential buildings.
- No waterproofing penetration.
- Easy installation.
- Lightweight system.
- Panels can be tilted up to 10°.
- Significant air gaps beneath the modules.
- Easy disassembly without damaging the membrane.
- Corrosion-resistant materials.

ATec 21/20-72 	ATec 21/22-82 	ATec 21/24-87 	ATEx 3431
			
Roof-Solar BITUMEN flat and tilted TAN DTU	Roof-Solar PVC flat and tilted TAN DTU	Roof-Solar TPO flat and tilted TAN DTU	Roof-Solar EVALON

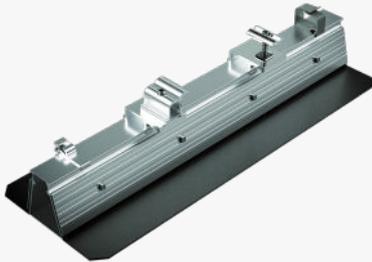
ATEc 21/24-86 

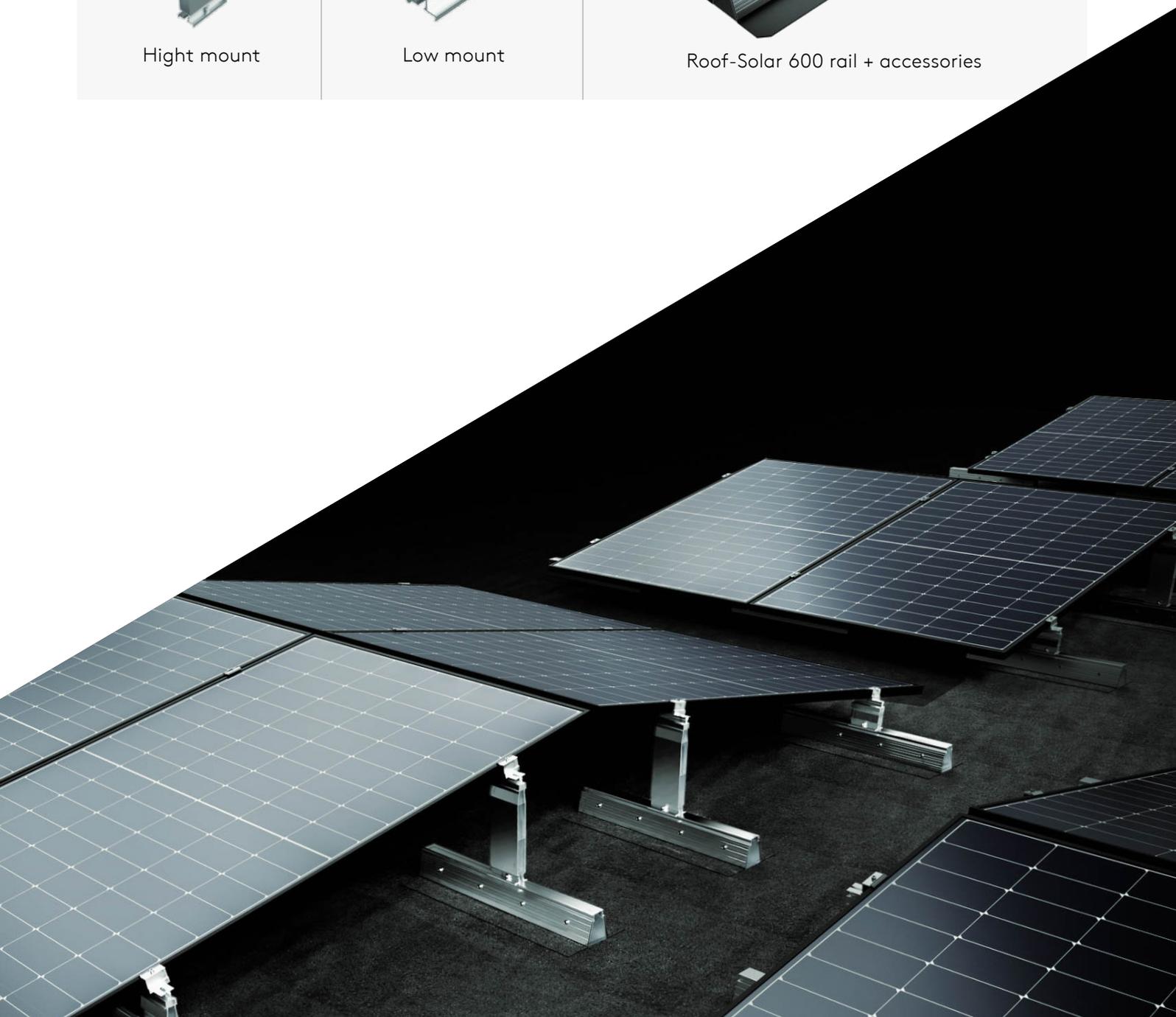
Roof-Solar BITUME TAN GP





MOUNTS /

TILTED		FLAT
 <p>High mount</p>	 <p>Low mount</p>	 <p>Roof-Solar 600 rail + accessories</p>





ZOOM ON THE COMPLEX COMPONENTS

ROOF-SOLAR BITUMEN/PVC/TPO

1 LOAD-BEARING ELEMENT RIBBED STEEL SHEETS*

- The ROOFALTEO range from BACACIER : TAN DTU 42, 49, 59, 73 (including perforated in the flange) and TAN GP (106, including perforated in the core)
- The ROOFSTYL range from ARCELOR : TAN DTU 56
- Concrete support, wooden support

In each case, the manufacturer can provide certification for the load-bearing trays according to the building/system ROOF-SOLAR/ climatic constraints configuration. The installation of a vapor barrier is allowed.

2 INSULATION PANELS CLASS C COMPRESSION*

- ROCKACIER C NU BY ROCKWOOL
- ROCKACIER C NU ENERGY BY ROCKWOOL
- SMARTROOF C(38) BY KNAUF INSULATION
- MARTROOF C(37) BY KNAUF INSULATION
- PANOTOIT TEKFI 2 BY SAINT-GOBAIN ISOVER
- POWERDECK+ BY RECTICEL INSULATION, WITH OR WITHOUT THERMAL BARRIER

3 WATERPROOFING MEMBRANES

ROOF-SOLAR BITUMEN /

Two-layer bituminous system mechanically fastened, installed according to its Technical Approval (DTA)

- IKO DUO ACIER F/G + IKO DUO ACIER 3000 FEU L4 AR/F by IKO. Broof (t3).

In partnership with :



ROOF-SOLAR PVC /

Synthetic waterproofing membrane by IKO, mechanically fastened (sheet width : 1.06m) :

- ARMOURPLAN SM 150 (minimum thickness 1.5mm). Broof (t3).

In partnership with :



ROOF-SOLAR TPO /

Synthetic waterproofing membrane by ELEVATE, mechanically fastened (sheet width : 1m) :

- ULTRAPLY TPO minimum thickness 1.5mm. Broof (t3).

In partnership with :



4 ROOF-SOLAR SYSTEM

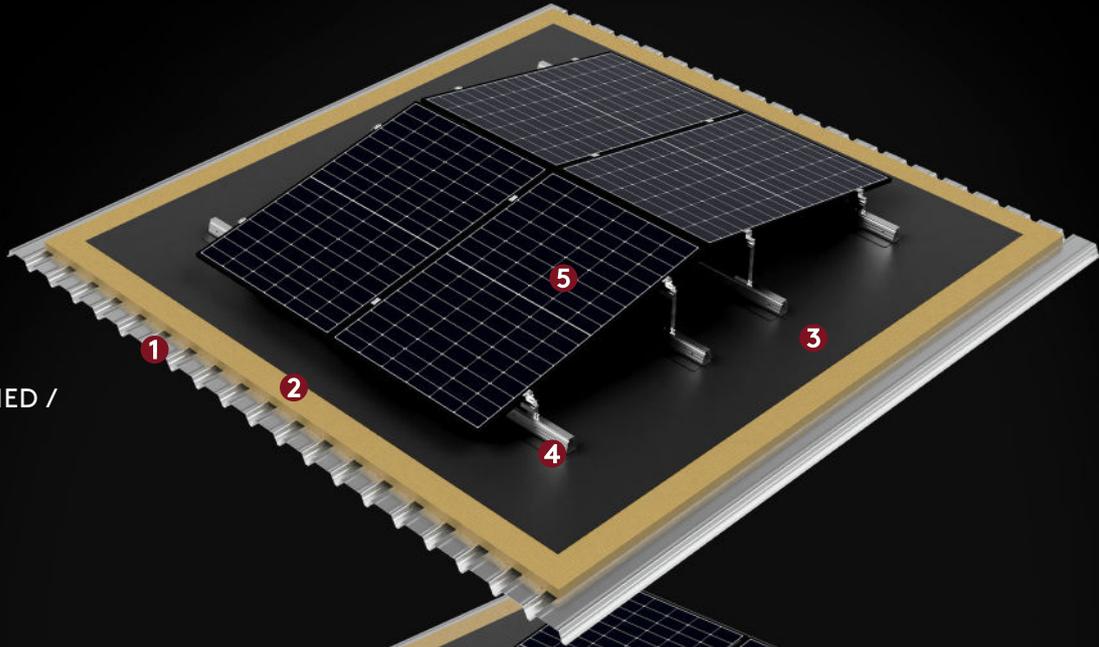
- ROOF-SOLAR BITUMEN system, flat or tilted, double/single shed
- ROOF-SOLAR PVC system, flat or tilted, double/single shed
- ROOF-SOLAR TPO system, flat or tilted, double/single shed

5 REFERENCED PHOTOVOLTAIC MODULE

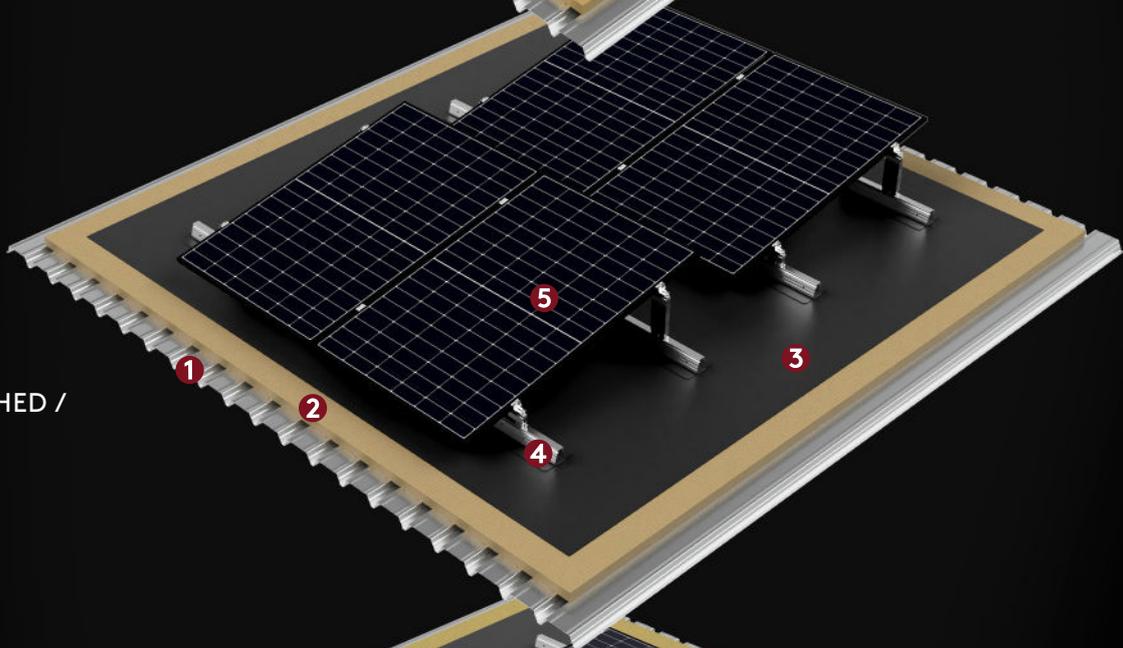
- See verification grid or technical evaluation.

* For combinations: load-bearing elements, insulation, and system versions – refer to the technical evaluations.

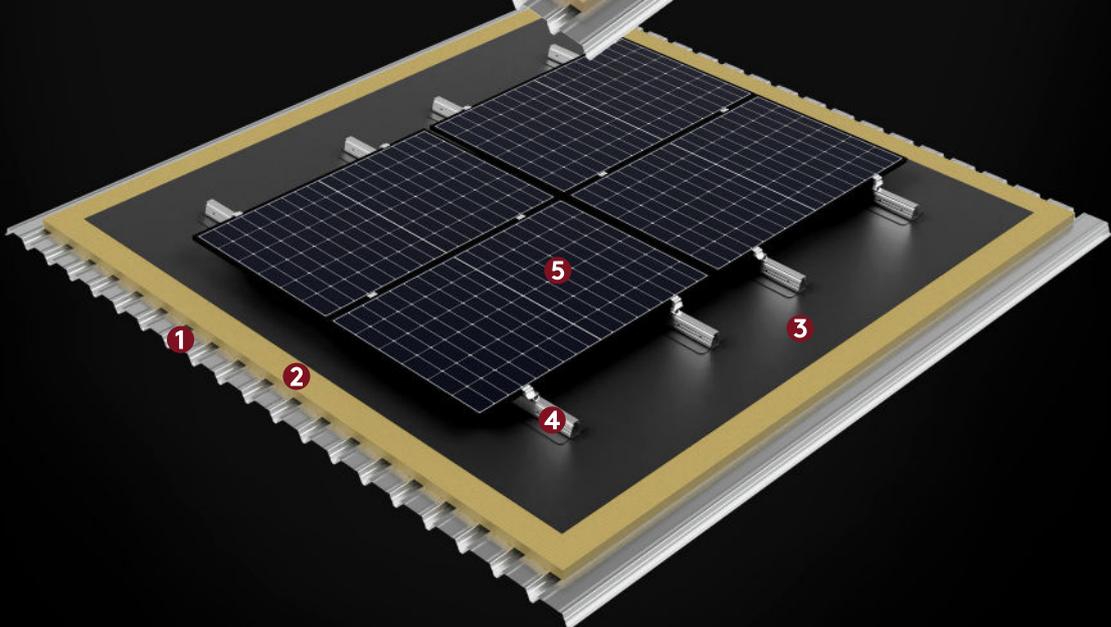
TILTED
DOUBLE SHED /



TILTED
SINGLE SHED /



FLAT /



Contact Details

EN

Dome Solar

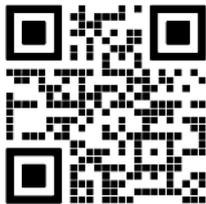
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