



ACCESSORY PRODUCTS

APPLICATIONS

ROOFS

SOPRASOLAR FIX EVO TILT

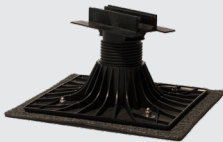


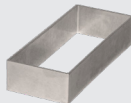
TECHNICAL DATA SHEET 240228SCANE

(supersedes 230727SCANE)

DESCRIPTION

The SOPRASOLAR FIX EVO TILT system is used as a support for photovoltaic panels on roofs. It allows connection between the panel and cap sheet membrane without drilling into it and compromising the waterproofing properties of the roof.

SOPRASOLAR FIX EVO TILT COMPONENTS

The SOPRASOLAR FIX EVO TILT pedestal is a factory-assembled height-adjustable pedestal mechanically fastened to a piece of waterproofing membrane.	The LOWER RAISER and the UPPER RAISER allow the addition of a 10° slope to photovoltaic panels.	The RAISER BLOCKER ensures that the raiser blocks stay in place on the pedestals.	
MATERIAL			
Polyamide 6 with 30% fibreglass filler	6060 T6 primary aluminum	6060 T6 primary aluminum	
DIMENSIONS			
300 mm × 300 mm × 120 mm to 160 mm (12 in × 12 in × 4.7 in to 6.3 in)	LOWER RAISER 40 mm × 120 mm × 45 mm (1.6 in × 4.7 in × 1.8 in)	UPPER RAISER 40 mm × 120 mm × 200 mm (1.6 in × 4.7 in × 7.8 in)	50 mm × 125 mm × 25 mm (2 in × 5 in × 1 in)
			

Note: Each components are sold separately, by unit.

INSTALLATION

1. Install the cap sheep membrane on the roof.
2. Mark the location of the SOPRASOLAR FIX EVO TILT pedestal on the cap sheet membrane according to the pattern supplied by the contractor in charge of the photovoltaic panels.
3. Embed the granules in the area where the pedestal will be installed.
4. Heat the plastic film on the underside of the pedestal using a propane torch.
5. Heat the designated area on the field membrane using a propane torch.
6. Heat the underside of the pedestal again.
7. Immediately install the pedestal onto the marked area.

RESTRICTION

Do not install SOPRASOLAR FIX EVO TILT over a mechanically fasten membrane system.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.



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SOPRASOLAR FIX EVO TILT



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GENERAL INFORMATION

Specifications	SOPRASOLAR FIX EVO TILT
Total weight	1.3 kg (2.9 lb)
Reinforcement	Non-woven polyester
Membrane thickness	4.7 mm (185 mil)
Surface	Granules
Underface	Thermofusible plastic film

(All values are nominal)

PROPERTIES

Properties	Standards	SOPRASOLAR FIX EVO TILT
Tensile Strength (initial)	EN 12311	Pedestal base : 6,98 kN Head and rail : 7,14 kN
Tensile Strength after UV exposure (EN 16472)	EN 12311	Pedestal base : 7,17 kN Head and rail : 7,10 kN
Resistance to seismic loads (Conditions for Tofino, B.C.)	ICC-ES AC156	Pass

(All values are nominal)



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