SOPRASOLAR
FIX EVO TILT (BITUMEN)

ACCESSORY PRODUCTS

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET

ANZ-TDS-72-SOPRASOLAR FIX EVO TILT

DESCRIPTION

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

- High puncture resistance
- Installed without roof drilling
- Quick installation
- No thermal bridging
- Tested up to 200km/h wind uplift

APPLICATION METHOD

SOPRASOLAR FIX EVO TILT is installed in total adhesion by heat welded on horizontal surfaces of SBS and APP membranes.

INSTALLATION PROCEDURE

SUBSTRATE

- No work should be started until all surfaces are smooth, dry, and free of ice, snow or any other substance that may prevent the membrane from adhering properly.
- Commencement of installation shall be taken as acceptance of the substrate by the Applicator

INSTALLATION

- Install the cap sheet membrane on the roof.
- Mark the location of the **SOPRASOLAR FIX EVO PEDESTAL** on the cap sheet membrane according to the pattern supplied by the contractor in charge of the photovoltaic panels.
- Embed the granules in the area where the pedestal will be installed.
- Heat the plastic film on the underside of the pedestal using a propane torch.
- Heat the designated area on the field membrane using a propane torch.
- Heat the underside of the pedestal again.
- Immediately install the pedestal onto the marked area.

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

PACKAGING

SOPRASOLAR FIX EVO TILT COMPONENTS			
The **SOPRASOLAR FIX EVO 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			
PEDESTAL 300 mm × 300 mm × 120 mm to 160 mm	**LOWER RAISER** 40 mm × 120 mm × 45 mm	**UPPER RAISER** 40 mm × 120 mm × 200 mm	**RAISER BLOCKER** 50 mm × 125 mm × 25 mm
			

TDS_SOPRASOLAR_FIX_EVO_TILT_AR

SOPREMA®

SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

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ANZ-TDS-72.1-SOPRASOLAR FIX EVO TILT

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SPECIFICATIONS	SOPRASOLAR FIX EVO TILT
Total weight	1.3 kg
Surface	Granules
Underface	Thermofusible plastic film
Membrane thickness	4.7 mm

PROPERTIES

PROPERTIES	STANDARDS	SOPRASOLAR FIX EVO TILT
Reinforcement	-	Non-woven polyester
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

STORAGE AND HANDLING

The elements of the systhme must be stored protected. If the products are stored outdoors, cover them with an opaque protection cover after removal of the delivery packaging.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative and/or the contractor are responsible for checking the suitability of products for their intended use.

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