

EQUUS SOPREMA SOPRASOLAR

A unique system for mounting solar energy solutions on bituminous and TPO waterproofing



Soprasolar is a pedestal system designed to support solar panels without compromising your waterproofing. Each pedestal comes pre-fitted with roofing membrane, allowing it to be heat-welded directly to the finished roof surface – eliminating the need for mechanical fixings or membrane penetrations. Compatible with bitumen and TPO membranes, the system is wind-tested to site specific conditions, easy to install and maintain, and includes a 20-year system warranty.

Advice should be sought from Equus for each project to ensure the solution is suited to the building's specific needs.



SOPRASOLAR FIX EVO TILT PEDESTAL

Adjustable glass fibre reinforced polyamide pedestal with bitumen base panel.



SOPRASOLAR FIX EVO TILT TPO PEDESTAL

Adjustable glass fibre reinforced polyamide pedestal with Flagon TPO base panel.



LOW AND HIGH RAISERS

For connecting pedestals to photovoltaic modules while creating a 10° tilt angle.



BLOCKER

Used for locking the raiser on the top of the pedestal.



UNIVERSAL CLAMP

Adjustable clamp for connecting the photovoltaic module to the pedestal.

Key Benefits:

- No piercing of the roof waterproofing
- No drilling of the waterproofing at the level of the studs
- Tested on SOPREMA APP and SBS roofing materials
- Suitable for roof slopes up to 10%
- Wind uplift tested up to 200 km/h
- Easy to install and maintain
- Height adjustable studs
- Fastening density is determined by a project-specific wind uplift calculation
- Waterproofing detail review provided
- 20-year system warranty available with Equus Soprema Waterproofing Systems



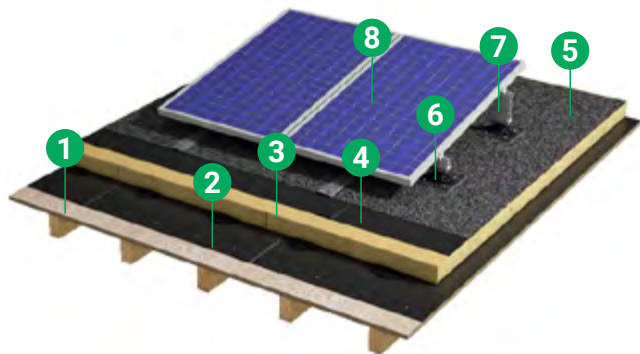
EQUUS SOPREMA Technical Support:

- Project specific specifications and details
- Condensation risk analysis for warm roof systems
- Wind uplift study for Soprasolar and warm roof systems
- On-site quality assurance
- Nationwide network of Certified Applicators
- Warranties available

SOPRASOLAR FIX EVO TILT systems allow connection between the panel and cap sheet membrane without compromising the waterproofing properties of the roof. Compatible with bitumen and TPO cold roof and warm roof systems.

WARM ROOF BUILD UP EXAMPLE

- 1 Plywood, Concrete or Metal substrate
- 2 Vapour barrier
- 3 Insulation
- 4 Base Sheet
- 5 Cap Sheet
- 6 SOPRASOLAR Fix Evo Tilt pedestals
- 7 SOPRASOLAR Fix Evo Tilt raisers and blocker
- 8 Photovoltaic module



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