

SOPREMA VINITEX

Solar Pedestal (PVC)



ACCESSORY PRODUCTS

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET

ANZ-TDS-72.2-VINITEX SOLAR PEDESTALPVC

DESCRIPTION

The **SOPREMA VINITEX SOLAR PEDESTAL** 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

APPLICATION METHOD

VINITEX SOLAR PEDESTAL is installed in total adhesion by heat welded on horizontal surfaces of PVC 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 **FLAGON** PVC membrane on the roof
- Mark the location of the **VINITEX SOLAR PEDESTAL** on the **VINITEX** membrane according to the pattern supplied by the contractor in charge of the photovoltaic panels
- Clean the **VINITEX** membrane where the **PEDESTAL** will be welded
- Install the **PEDESTAL** on the marked area
- Weld the flanges using a hot air welder

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

PACKAGING

VINITEX SOLAR PEDESTAL COMPONENTS

The **VINITEX SOLAR 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 × 370 mm × 120 mm to 160 mm

LOWER RAISER

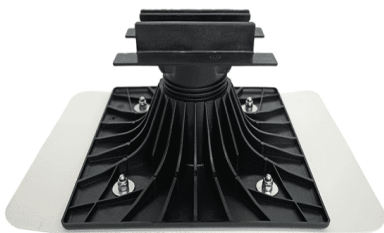
40 mm × 120 mm × 45 mm

UPPER RAISER

40 mm × 120 mm × 200 mm

RAISER BLOCKER

50 mm × 125 mm × 25 mm



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SPECIFICATIONS	VINITEX SOLAR PEDESTAL
Total weight	1.2 kg
Material	PVC
Membrane thickness	2 mm

PROPERTIES

PROPERTIES	STANDARDS	VINITEX SOLAR PEDESTAL
Reinforcement	-	Polyester matrix
Vertical tensile strength (pedestal)	-	1700 N
Maximum tensile force at break	EN 12311-2	≥1100 N/5 cm
Elongation at break	EN 12311-2	15%
Pliability at low temperature	EN 495-5	-25°C
Dimensional stability after 6 hours at 80°C	EN 1107-2	< 0.5%
Static puncture resistance method A	EN 12730: 2001	≥20 kg
Nail tear strength	EN 12310-1	≥500 N
Durability test - temperature ageing: 24 weeks at 70°C: - pliability (UEATC guide 4.4.1.1 EN 495-5) - Tensile strength - elongation (UEATC guide 4.4.1.1 EN 12311-2)		Δ ≤10°C +/- 20%

STORAGE AND HANDLING

The elements of the system 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.