

SOPRASTICK SI



WATERPROOFING

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET

ANZ-TDS-127-SOPRASTICK SI

DESCRIPTION

SOPRASTICK SI is a self-adhesive base sheet membrane with a vapour-pressure and tension dispersion system, composed of elastomer modified bitumen and a composite polyester reinforcement.

Used as a base layer in combination with a torched upper layer on surfaces where partial adhesion is required.

SOPRASTICK SI upper surface is protected by a thermofusible film and self-adhesive overlap and lower surface are protected by a silicone release film.

APPLICATION FIELD

Designed for double layer application on horizontal surfaces, SOPRASTICK SI is adhered on different substrates for the following general applications;

- General roofing

APPLICATION METHOD

SOPRASTICK SI is installed in adhesion by peeling off the silicone release film over a prepared substrate using ELASTOCOL STICK primer alternatively SOPRASTICK SI can be mechanically fixed. The overlaps are self-adhered or can be torched. SOPRASTICK SI has been tested and certified for use in combination with APP-modified bitumen and SBS-modified bitumen cap sheet 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.
- Substrate must have a minimum 1% gradient to ensure that water drains to drainage outlets.
- Concrete substrate must be fully cured before application of the membrane.
- Concrete substrate must have a Concrete Surface Profile (CSP) between 2 and 4 as per International Concrete Repair Institute.
- Adhesion test is recommended prior to installation of membrane.
- Commencement of installation shall be taken as acceptance of the substrate by the Applicator
- The use of ELASTOCOL STICK primer is required before the installation of SOPRASTICK SI membrane excluded insulation substrate.

INSTALLATION

- Unroll the SOPRASTICK SI onto the roof surface.
- Once the SOPRASTICK SI is in place, apply pressure over the whole surface using a membrane roller to ensure a complete and uniform adhesion
- When completing the end lap, burn the plastic film over the last 150 mm of the SOPRASTICK SI before installing the next membrane. Ensure end-laps are staggered by 50 cm apart.
- All penetrations and upturn details should be waterproofed as per SOPREMA Installation Guides and detail drawings.
- Minimum application temperature: 0 °C

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



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NOTE : All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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PACKAGING

SPECIFICATIONS	SOPRASTICK SI
Thickness	2.6 mm $\pm$ 5 %
Surface	Thermofusible plastic film
Underface	Self-adhesive, covered with a silicone release film
Roll dimensions	10 m x 1 m
Roll weight	37 kg
Rolls per pallet	30

PROPERTIES

PROPERTIES	STANDARDS	SOPRASTICK SI
Visual defects	EN 1850-1	PASS
Straightness	EN 1848-1	PASS
Tensile strength (L/T)	AS 4654.1	700 / 850 N/5 cm ($\pm$ 100)
Elongation at break (L/T)	AS 4654.1	MD: 40 ($\pm$ 8) % CD: 41 ($\pm$ 10) %
Bond strength	ASTM C794	15 $\pm$ 6 N/2.5cm Type of failure : 70% cohesive in the bitumen mas s 30% cohesive in the primer
Dimensional stability	ASTM D5147	MD: 0,07% CD: 0,32%
Cyclic movement	CSIRO Moving Joint Test (see Appendix B)	Pass (22°C / 26% RH)
Field seam strength	ASTM D1876	1.175 ($\pm$ 0.15) N/m
Heat ageing	AS 4654.1 (AS 1145.3)	Pass
Durability	AS 4654.1	Pass
Water vapour transmission rate	ASTM E96	0*

* THE RESULTS VALUES ARE BELOW THE TOLERANCE OF THE EQUIPMENT.

STORAGE AND HANDLING

Rolls must be stored upright, with the selvage side on top. If 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 the 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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