

SOPRASEAL STICK VP-S FR



WATERPROOFING

APPLICATIONS

WALLS

ROOFS

TECHNICAL DATA SHEET

ANZ-TDS-101-SOPRASEAL STICK VP-S FR

DESCRIPTION

SOPRASEAL STICK VP-S FR is a self-adhesive vapour permeable air barrier membrane used in wall and roof constructions. It prevents air leakage through the building envelope and allows moisture to escape before causing any material damage to the structure.

SOPRASEAL STICK VP-S FR has trilaminar polypropylene highly UV stable facer and a self-adhesive underside covered by a silicone release film, easing the installation process.

It can be used on most building surfaces, such as masonry, concrete, wood, gypsum, rigid insulation panel and OSB surfaces.

Compliance with AS/NZS 4200.1

High vapour performance (Class 4)

No primer required

Compatible with most substrates

FIELD OF APPLICATION

SOPRASEAL STICK VP-S FR can be used vertically and horizontally for the following general applications:

- Pitch Roofs
- Walls

INSTALLATION PROCEDURE

SUBSTRATE

- The substrate should be clean, sound, dry and free of loose materials, grease and any contaminants, which may compromise the performance of the product.

PRIMING

- SOPRASEAL STICK VP-S FR is installed on most substrates without primer. However, in a case where specific jobsite conditions may otherwise require surface preparation, SOPRASEAL VP PRIMER can be used.

INSTALLATION PROCEDURE

- SOPRASEAL STICK VP-S FR membrane must be adhered to substrate by peeling off the silicone release film.
- Side lap joints must be a minimum of 70 mm and end lap joints must be a minimum of 100 mm when installed on walls.
- Side lap joints must be a minimum of 100 mm and end lap joints must be a minimum of 150 mm when installed on roofs.
- Apply even pressure using a membrane roller over the entire surface of the membrane to ensure good adhesion.
- Use SOPRASEAL SEALANT with SOPRASEAL STICK VP-S FR or SOPRASEAL STICK FLASHPRO HT membrane to seal around details, reverse laps and critical areas.
- All penetrations and upturn details should be realised as per SOPREMA guidelines and detail drawings.
- Application temperatures: 0 °C to 50 °C
- Service temperatures: -40°C to 110 °C

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

LIMITATIONS

SOPRASEAL STICK VP-S FR must not be used as a temporary waterproofing membrane. Roofing materials must be installed as soon as possible.



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PACKAGING

SPECIFICATIONS	SOPRASEAL STICK VP-S FR
Thickness	0.78 mm
Roll dimensions	30 m x 1.5 m
Roll weight	15.6 kg
Rolls per pallet	36

(All values are nominal)

PROPERTIES

PROPERTY	TEST METHOD	SOPRASEAL STICK VP-S FR
Duty Classification	AS/NZS 4200.1	Light Wall
Burst Strength	AS 2001.2.19	> 200 N
Tensile Strength	ASTM D5034	MD: 40 lbs ; CD: 100 lbs
Edge Tear Resistance	AS/NZS 4200.1 Clause 5.3.2.3	Extra Heavy
Water Control Classification	AS/NZS 4201.4	Water Barrier
Vapour Classification	ASTM E96	Class 4 Vapour Permeable
Emittance	AS/NZS 4201.5	Non-Reflective
Flammability Index	AS 1530.2	< 5 (Low)
Resistance to Dry Delamination	AS/NZS 4201.1	PASS
Resistance to Wet Delamination	AS/NZS 4201.2	PASS
Adhesion to Plywood	ASTM D3330	1 160 N/m
Shrinkage	AS/NZS 4201.3	< 0.5%
Low Temperature Flexibility	ASTM D1970	PASS
UV Resistance	ASTM G90	180 Days

STORAGE AND HANDLING

Rolls must be stored indoor, in their original packaging. On job site, cover them with an opaque protective cover after the 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 or the contractor is responsible for checking the suitability of products for their intended use.



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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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INSTALLATION INSTRUCTIONS

1



Unroll the membrane horizontally, making sure it is properly aligned.

2



Remove a portion of the silicone release film and adhere the end of the membrane.

3



Remove the film at a 45° angle so as to avoid wrinkling.

4



Ensure the adjacent membranes overlap by at least 100 mm (4 in).

5



Make sure the ends of the rolls overlap by at least 150 mm (6 in).

6



Use a membrane roller to apply pressure over the entire membrane surface to ensure full adhesion.