

SOPRASEAL STICK FLASHPRO HT

Self-adhesive air and vapour barrier membrane tape

March 2024

DESCRIPTION:

SOPRASEAL STICK FLASHPRO HT is designed for air and vapour barrier waterproofing applications. It is used as a window flashing membrane and for openings and transitions. The surface is compatible for the use of sprayed polyurethane foam insulation*.
 *Installed in maximum thickness of 25 mm per pass.

SOPRASEAL STICK FLASHPRO HT is a self-adhesive membrane composed of a polymer based adhesive and a polyethylene film facer. The under-face is covered with a silicone release paper.

SOPRASEAL STICK FLASHPRO HT can be used in conjunction with SOPRASEAL STICK VP-S FR*.
 *The use of EQUUS PEEL & STICK PRIMER is recommended to apply over SOPRASEAL STICK VP-S FR.

RECOMMENDED SUBSTRATES:

This product can be used on most substrates, such as masonry, concrete, wood, gypsum, polyethylene, PVC, metal, aluminium and on house wrap membranes.

PACKAGING:

Specification	SOPRASEAL STICK FLASHPRO HT
Thickness	0.25 mm
Dimensions	150 mm x 22.9 m
Surface	Polyethylene film
Under-face	Split-release silicone paper

(All values are nominal)

TECHNICAL DATA:

Properties	Test Method	SOPRASEAL STICK FLASHPRO HT
Tensile strength, MD/XD	ASTM D882	7/7 MPa
Elongation at break, MD/XD	ASTM D882	150/150%
Tear resistance, MD/XD	ASTM D751	12/12 N
Low temperature flexibility	ASTM D1970	-30°C
Adhesion to different substrates*	ASTM D3330 AAMA 711 required >0.26 N/mm	Pass
Adhesion after exposure to high temperature	ASTM D3330 AAMA 711 Level 3 7 days @ 80°C	Pass
Adhesion after water immersion	ASTM D3330 AAMA 711	Pass
Air permeability, 75 Pa	ASTM E2178	0.0014 L/s·m ²
Tensile strength	ASTM D5034 AAMA 711	Pass
Nail sealability	ASTM D1970 modified AAMA 711	Pass
Flame spread	ASTM E84	Class A
Smoke development	ASTM E84	Class A

*SOPRASEAL STICK FLASHPRO HT meets and exceeds the requirements of the AAMA 711 standards for adhesion to substrates as polyethylene, OSB, house wrap membranes, aluminium, plywood, gypsum, vinyl and to itself.
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SURFACE PREPARATION:

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

INSTALLATION:**Self-Adhesive**

SOPRASEAL STICK FLASHPRO HT membrane is applied directly to the substrate, align membrane and remove silicone release paper. All membrane overlaps must be a minimum of 50 mm.

Once installed, pressure must be applied over the whole surface using a hard roller to ensure a perfect adhesion. Use SOPRASEAL SEALANT with SOPRASEAL STICK FLASHPRO HT membrane to seal reverse laps and critical areas.

Application temperatures	0°C to 70°C
Service temperatures	-40°C to 80°C
UV exposure	Up to 180 days

For complete information on product installation, please consult your Equus Representative.

SCOPE OF USE:

SOPRASEAL STICK FLASHPRO HT tape is generally used in wall construction in conjunction with SOPRASEAL STICK VP-S FR air barrier membrane. In this system it is used as a window flashing membrane and to form a tight perimeter seal around various openings.

CONDITIONS OF USE:

SOPRASEAL STICK FLASHPRO HT tape should not be installed at temperatures below 0°C, when it is raining, snowing or very humid.

SOPRASEAL STICK FLASHPRO HT may be exposed to UV conditions for a maximum of 180 days.

The product must be installed by a Certified Equus Applicator. Verification of their status can be confirmed by a current applicator certificate or by contacting Equus Industries Ltd. Any installation must be done in accordance with the latest specifications and technical documentation, or with written approval by Equus Industries Ltd.

BUILDING CODE COMPLIANCE:

B2 Durability - B2.3.1 (b) SOPRASEAL STICK FLASHPRO HT has a durability of at least 15 years, when installed with the correct specification, installation and maintenance.

E2 External moisture - E2.3.2, E2.3.7 Test data, together with in-service history internationally, of the correctly installed SOPRASEAL STICK FLASHPRO HT tape over correctly designed and constructed substrates, show that it successfully resists the ingress of moisture.

F2 Hazardous building materials - F2.3.1 Well known experience with the type of materials used together with in-service history, show that SOPRASEAL STICK FLASHPRO HT complies with this performance requirement. Refer to SDS at www.equus.nz

H1 Energy efficiency - H1.3.1 (b) Test-data shows that SOPRASEAL STICK FLASHPRO HT provides the building with limited uncontrollable airflow.

SUPPORTING DOCUMENTATION:

Test reports can be provided by SOPREMA New Zealand Ltd.

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STORAGE AND HANDLING:

If the product is stored outdoors, cover them with an opaque protective cover after removal of the delivery packaging. The shelf life for the SOPRASEAL STICK FLASHPRO HT is 24 months at 20°C.

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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MANUFACTURERS CONTACT DETAILS:

Manufacture location	China
Legal and trading name of manufacturer	Soprema New Zealand Limited
Manufacturer address for service	Level 3, Candida Building 4, 61 Constellation Drive, Mairangi Bay, Auckland 0630, New Zealand
Manufacturer website	www.soprema.com.au
Manufacturer email	info@soprema.com.au
Manufacturer phone number	+61 3 9221 6230
Manufacturer NZBN	9429050312962

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