

SOPRASEAL STICK VP



TECHNICAL DATA SHEET **260408SCANE**

(supersedes 250728SCANE)

DESCRIPTION

SOPRASEAL STICK VP is a self-adhesive membrane composed of a tri-laminated polypropylene facer. The self-adhesive underface is covered with a silicone release film.

SOPRASEAL STICK VP is a vapour permeable air barrier membrane used on exterior wall construction.

RECOMMENDED SUBSTRATES

This product can be used on most substrates, such as masonry, concrete, wood and gypsum.

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

INSTALLATION

SELF-ADHESIVE

1. Adhere the SOPRASEAL STICK VP membrane to the substrate, by removing the detachable silicone release film from the self-adhesive underside.
2. The longitudinal overlaps should be at least 50 mm (2 in) and transversal should be at least 75 mm (3 in).
3. Apply pressure over the whole surface using a membrane roller to ensure a complete and uniform adhesion.
4. Seal details, reverse laps and critical areas with SOPRASEAL SEALANT and SOPRASEAL STICK FLASHPRO or SOPRASEAL STICK 1100 T membranes. For more information, please visit the details on the SOPREMA website.

Application temperatures: -7 to 40 °C (19 to 104 °F)

Service temperatures: -40 to 85 °C (-40 to 185 °F)

UV exposure: up to 180 days

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

GENERAL INFORMATION

Specifications	SOPRASEAL STICK VP
Thickness	0.6 mm (24 mils)
Dimensions	0.15 x 30 m (6 in x 98 ft) 0.23 x 30 m (9 in x 98 ft) 0.30 x 30 m (12 in x 98 ft) 0.95 x 30 m (37 in x 98 ft)
Gross/Net area, per 0.95 m x 30 m (37 in x 98 ft) roll	28.5/26.2 m ² (306.7/282 ft ²)
Weight	0.285 kg/m ² (0.058 lb/ft ²)
Selvedge width	50 mm (2 in)
Surface	Tri-laminated polypropylene
Underface	Self-adhesive, covered with a silicone release film



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PROPERTIES

Properties	Standards	SOPRASEAL STICK VP	
		MD	XD
Tensile strength	ASTM D882	5.95 kN/m (33.97 lbf/in)	3.65 kN/m (20.84 lbf/in)
Breaking strength	ASTM D5034	400 N (89.92 lbf)	310 N (69.69 lbf)
Water vapour permeance	ASTM E96 (Procedure A) ASTM E96 (Procedure B)	629 ng/Pa·s·m ² (11 perm) 802 ng/Pa·s·m ² (14 perm)	
Cold bending, at -30 °C (-22 °F), 25 cycles, initial	CAN/CGSB 51.32-M77	No cracking	
Dimensional stability, at 85 °C (185 °F)	ASTM D1204	-0.45%	0.11%
Plywood adhesion	ASTM D3330	350 N/m (23.9 lbf/ft)	
Lap joint strength	ASTM D1876	300 N/m (20.6 lbf/ft)	
Adhesion after elevated temperature exposure, AAMA 711-05, level 3, 7 days at 80 °C (176 °F)	ASTM D3330	1200 N/m (82.2 lbf/ft)	
Air permeability ⁽¹⁾ , at 75 Pa	ASTM E2178	0.0025 L/s·m ²	
Air leakage resistance, at 75 Pa	ASTM E2357	< 0.005 L/s·m ²	
Air permeance of membrane	CAN/ULC S741	< 0.001 L/s·m ²	
Nail sealability	ASTM D1970 modified	Pass	
Hydrostatic pressure, for 5 hours	AATCC 127-08	Pass	
Flame spread	ASTM E84	Class A	
Smoke developed	ASTM E84	Class A	
Fire resistance	Component of an assembly tested in conformity with NFPA 285	Pass	

(All values are nominal)

(1): Maximum value as per Canadian National Building Code is 0,02 L/s·m².

Meet all ICC-ES AC-308 standard requirements.

SOPRASEAL STICK VP is part of a wall system tested according to the ULC-S742 standard.



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STORAGE AND HANDLING

Rolls must be stored upright, indoor, in their original packaging. If the products are stored outdoors, cover them with an opaque protection cover after removal of the delivery packaging.

TESTS, CERTIFICATIONS AND EVALUATIONS



FOR MORE INFORMATION, REFER TO THE INSTRUCTIONS ON THE LABEL AND RELEVANT SAFETY DATA SHEET (SDS).

