SOPRASEAL
STICK VP

WATERPROOFING

APPLICATIONS

WALLS

TECHNICAL DATA SHEET 160211SCANE (supersedes 151222SCAN1E)

DESCRIPTION

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

SOPRASEAL STICK VP is a vapour permeable air barrier, used in wall construction. It can also be used as a through wall flashing and as a transition membrane.

RECOMMENDED SUBSTRATE

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.

In a case where specific jobsite conditions may demand, SOPREMA recommends ELASTOCOL STICK H_2O primer for substrate preparation.

INSTALLATION

SELF-ADHESIVE

SOPRASEAL STICK VP membrane must be adhered to substrate by peeling off the silicone release film.

Side lap joints must be a minimum of 50 mm (2 in) and end lap joints must be a minimum of 75 mm (3 in).

Apply even pressure using a membrane roller over the entire surface of the membrane to ensure good adhesion.

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

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

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

PACKAGING

Specifications	SOPRASEAL STICK VP
Thickness	0.6 mm (24 mil)
Dimensions	0.15 m x 30 m (6 in x 98 ft) 0.23 m x 30 m (9 in x 98 ft) 0.30 m x 30 m (12 in x 98 ft) 0.95 m x 30 m (37 in x 98 ft)
Weight	0.285 kg/m² (0.058 lb/ft²)
Selvedge width	50 mm (2 in)
Surface	Tri-layer laminated polypropylene
Underface	Self-adhesive, covered with a silicone release film

(All values are nominal)

TDS_SOPRASEAL_STICK_VP.indd

SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

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PROPERTIES

Properties	Standards	SOPRASEAL STICK VP
Tensile strength, MD/XD	ASTM D882	5.95 / 3.65 kN/m
Breaking strength, MD/XD	ASTM D5034	400 N / 310 N
Tear resistance, MD/XD	CAN/CGSB 51.32-M89	64 N / 54 N
Water vapour transmission	ASTM E96-B ASTM E96-A	972 ng/Pa•s•m² (17 perm) 629 ng/Pa•s•m² (11 perm)
Cold bending -30 °C (-22 °F) Initial Ageing as per CGSB 51.32, 25 cycles	CAN/CGSB 51.32-M89	No cracking
Dimensional stability at 85 °C (185 °F), MD/XD	ASTM D1204	- 0.45 / 0.11 %
Plywood adhesion	ASTM D3330	350 N/m
Lap joint strength	ASTM D1876	300 N/m
Adhesion after elevated temperature exposure AAMA 711-05, level 3, 7 days @ 80 °C (176 °F)	ASTM D3330	1200 N/m
Air permeability @ 75 Pa	ASTM E2178	0.0025 L/s•m²*
Air leakage resistance @ 75 Pa	ASTM E2357	Pass
Air leakage rate classification	CAN/ULC S742	A1
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	Componant of an assembly tested in conformity with NFPA 285	Pass

Meet all ICC-ES AC-38 standard requirements.

* Maximum value as per Canadian National Building Code is 0,02 L/s•m².
(All values are nominal)

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.