



WATERPROOFING

APPLICATIONS

WALLS

# SOPRASEAL STICK VP

TECHNICAL DATA SHEET 230501SCANE

(supersedes 191220SCANE)

## 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. SOPRASEAL STICK VP 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

### SELF-ADHESIVE

Adhere the SOPRASEAL STICK VP membrane to the substrate, by removing the detachable silicone release film from the self-adhesive underside.

Side laps must be 50 mm (2 in), and end laps must be at least 75 mm (3 in).

To ensure proper adhesion, apply uniform pressure to the entire membrane using a hard roller.

To complete the installation, use the SOPRASEAL SCELLANT with SOPRASEAL STICK VP or SOPRASEAL STICK FLASHPRO to seal details, reverse laps, and critical areas.

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

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

UV exposure : up to 180 days

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/m <sup>2</sup> (0.058 lb/ft <sup>2</sup> )
Selvedge width	50 mm (2 in)
Surface	Tri-layer laminated polypropylene
Underface	Self-adhesive, covered with a silicone release film

(All values are nominal)



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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•m <sup>2</sup> (17 perm) 629 ng/Pa•s•m <sup>2</sup> (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•m <sup>2</sup> *
Air leakage resistance @ 75 Pa	ASTM E2357	< 0.005 L/s•m <sup>2</sup>
Air permeance of membrane	CAN/ULC S741	< 0.001 L/s•m <sup>2</sup>
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)

Meet all ICC-ES AC-308 standard requirements.

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

\* Maximum value as per Canadian National Building Code is 0,02 L/s•m<sup>2</sup>.

## 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.



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