

# SOPRASEAL®

## STICK VP

SOPRASEAL® STICK VP  
PRODUCT # D21501

## PRODUCT DATA SHEET

### DESCRIPTION & FEATURES

SOPRASEAL Stick VP is a self-adhered vapor-permeable air barrier membrane used in wall construction. SOPRASEAL Stick VP is composed of a tri-laminate polypropylene composite facer coated with a high tack self-adhesive backing protected by a silicone release film. The self-adhesive properties of SOPRASEAL Stick VP are unmatched in the industry, and the roll size combined with high tack adhesive make it very easy to install.

### STORAGE & HANDLING

Rolls must be stored indoors, in their original packaging. At the job site, cover rolls with an opaque protective cover after the removal of the delivery packaging.

### APPLICATION

Apply by peeling back the release film on the underside of the sheet and apply with hand pressure. Once the sheet is in place, roll entire sheet with a weighted roller. The application temperature range for SOPRASEAL Stick VP is 19 to 104°F (-7.2 to 40°C) and the service temperature range is -40 to 185°F (-40 to 85°C).



APPLICATION



SELF ADHERED

QUICK FACTS

LENGTH (ft)	WIDTH (in)	COVERAGE* (ft <sup>2</sup> )	THICKNESS (mils)	ROLL WEIGHT (lb)	ROLLS/ PALLET (pallet weight)
98.4 (30.0 m)	37.4 (0.95 m)	307 (28.5 m <sup>2</sup> )	24 (0.6 mm)	17.5 (7.9 kg)	25 (487.5 lb/ 221.13 kg)

\* Coverage rate as reported assumes installation using side and end lap recommendations.



[www.soprema.us](http://www.soprema.us)  
310 Quadral Drive, Wadsworth, Ohio 44281  
Toll Free: (800) 356-3521 | Tel: (330) 334-0066

## TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Topside	Tri-layer polypropylene
Underside	Polyolefin film
Selvage surface	Polyolefin film
Side lap, in (mm)	2 (51)
End lap, in (mm)	6 (152)

DIMENSIONS & MASS		
PROPERTY		TEST METHOD
Thickness, mils (mm)	24 (0.6)	ASTM D5147
Net mass per unit area, lb/100ft <sup>2</sup> (g/m <sup>2</sup> )	0.058 (0.285)	ASTM D5147

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	30 (5.3)	20 (3.5)	ASTM D5147
Elongation at peak load @ 73.4°F (23°C), %	45	65	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	55	120	ASTM D5147
Maximum tensile strength 73.4°F (23°C), psi (Mpa)	1530 (10.5)	950 (6.6)	ASTM D412 (Die C)
Elongation @ max tensile strength @ 73.4°F (23°C), %	45	65	ASTM D412 (Die C)
Ultimate elongation @ 73.4°F (23°C), %	55	85	ASTM D412 (Die C)
Tear strength @ 73.4°F (23°C), lbf (N)	55 (245)	35 (156)	ASTM D5147
Water vapor permeance, perms (ng/Pa•s•m <sup>2</sup> )	11 (627)		ASTM E96 (Proc. A)
Water vapor permeance, perms (ng/Pa•s•m <sup>2</sup> )	17 (969)		ASTM E96 (Proc. B)
Dimensional stability, %	0.5	0.2	ASTM D1204
Plywood adhesion, lbf/in (N/m)	2 (356)	2 (356)	ASTM D3330
Lap adhesion, lbf/in (N/m)	1.7 (300)	1.7 (300)	ASTM D1876
Air permeability @ 75 Pa, cfm/ft <sup>2</sup> (L/s•m <sup>2</sup> )	0.00005 (0.0025)		ASTM E2178
Low temperature flexibility, °F (°C)	-40 (-40)	-40 (-40)	ASTM D5147
Nail sealability	Pass		ASTM D1970
Air leakage of air barrier	Pass		ASTM E2357
Fire resistance	Pass		NFPA 285

\* Data is represented by average values, unless noted otherwise.

## TESTING & APPROVALS

FLORIDA BUILDING CODE

