

SOPRAVAP'R

Superior Self Adhered Vapor Barrier Protection



*The Building
Envelope
Company*

KEEP WORKING:

SOPRAVAP'R membrane is composed of self adhesive SBS modified bitumen and a polyethylene woven composite facer. Choose SOPRAVAP'R for your next vapor barrier application directly to metal deck.

Specifically designed with a width of 45 in (1.14 m), SOPRAVAP'R allows the longitudinal seams to coincide with the top flutes of the deck, reducing waste and increasing the coverage capacity of each roll.



SOPRAVAP'R is specifically designed to accommodate the 45 in top flutes of metal deck construction.



Keep working with SOPRAVAP'R:

SOPRAVAP'R provides up to six months of temporary waterproofing protection and is 100% UV stable. SOPRAVAP'R can be installed at temperatures as low as 14° F.

SOPRAVAP'R Features:

- Quick and easy release film
- Self-sealing
- Puncture resistant
- Slip resistant
- No substrate board needed
- No primer required
- 100% UV protected
- High tensile strength, resistant to work crew traffic
- Temporarily protects against inclement weather
- Ideal for mechanically fastened and cold applied systems

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Physical Properties

PROPERTIES	STANDARDS	SOPRAVAP'R	
Thickness	—	32 mil	.08 mm
Dimensions	—	133.8 ft x 45 in	40.8 x 1.14 m
Gross/Net Coverage Per Roll	—	500 / 468 sq. ft.	46.5 / 43.5 m ²
Roll Weight	—	82 lbs	37 Kg
Top Face	—	Polyethylene Woven Composite Facer	
Underface	—	Silicone Release Film	
Breaking Strength, MD/XD	ASTM D5147	64 / 88 lbf/in	11.3 / 15.4 kN/m
Ultimate Elongation, MD/XD	ASTM D5147	52 / 24%	
Cold Bending	ASTM D5147	-31° F	-35° C
Static Puncture	ASTM D5602	90 lbs	400 N
Tear Resistance, MD/XD	ASTM D5601	84 / 90 lbf	375 / 400 N
Lap Adhesion	ASTM D1876	6 lbf/in	1050 N/m
Peel Strength	ASTM D903	8 lbf/in	1400 N/m
Water Absorption	ASTM D5147	<0.1 %	
Water Vapor Permeance	ASTM E96 (Procedure B)	0.017 perm	0.92 ng/ Pa s m ²
Air Permiability	ASTM D1970 (75 Pa)	1.4 10 ⁻³ ft ³ /min sq. ft.	0.007 L/sec m ²
Application Temp	—	14° F and above	-10° C and above

Notice:
 -All values are nominal.
 -Self adhesive membrane should not be installed when it is raining, snowing or on humid surfaces.

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Installation Instructions



Roll out the SOPRAVAP'R membrane over clean, dry metal deck. The width of the membrane is designed to match perfectly with the top flute of the deck.



Once the membrane is in place, while holding the membrane tight, peel off the silicone release film by pulling diagonally.



Install subsequent rolls of membrane in the same way, taking care to overlap the longitudinal joints by 3 in (7.5 cm).



At the end of the roll, install a metal plate (6 x 42 in - 15 x 106 cm) to support the membrane end lap between the metal flutes ensuring a complete end lap seal. Overlap 6 in (15cm).



The membrane's superior strength offers extra protection from heavy foot traffic during installation. The slip resistant surface allows for safe movement across the roof.



Once installation is complete, the SOPRAVAP'R membrane temporarily protects against inclement weather.

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