

# SOPRAVAP'R

## VAPOR BARRIER

**SOPRAVAP'R** membrane is composed of self-adhesive SBS modified bitumen and a polyethylene woven composite facer. Choose SOPRAVAP'R membrane for your vapor barrier applications directly onto metal decks. Its specially designed width, 45 in (1.14 m), allows the longitudinal seams to coincide with the top flutes of the deck, reducing waste and increasing the coverage capacity of a single roll.



### FEATURES

- Quick and easy release film
- Self-sealing
- Temporarily protects against inclement weather
- Slip resistant
- No substrate board needed
- Clean
- 500 sq.ft. per roll
- 45 inches wide, matches deck top flute
- High tensile strength, resistant to work crew traffic
- 100% U.V. protected
- No primer required
- Ideal for mechanically fastened or cold applied systems
- Puncture resistant



# SOPRAVAP'R

# INSTALLATION INSTRUCTIONS



1 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.



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



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



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



5 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.



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

## PROPERTIES

### SOPRAVAP'R

PROPERTIES	STANDARDS	SOPRAVAP'R	
Thickness	-	32 mil	0.8 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 <sup>2</sup>
Roll Weight	-	82 lb	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 lb	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 Vapour Permeance	ASTM E96 (Procedure B)	0.017 perm	0.92 ng/ Pa s m <sup>2</sup>
Air Permeability	ASTM D1970 (75 Pa)	1.4 10 <sup>3</sup> ft <sup>3</sup> /min sq.ft.	0.007 L/sec m <sup>2</sup>
Application T °	-	14 °F and above	10 °C and above



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#### Notice:

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

