

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

SOPRAVAP'R is an SBS-modified bitumen air barrier/vapor retarder. SOPRAVAP'R is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen in combination with a high tack self-adhesive specifically designed for use with steel decks. The topside is surfaced with high strength tri-laminate polyethylene film and the underside is covered with a silicone release film that is removed during application.

STORAGE

Store rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of SOPRAVAP'R.

APPLICATION

Prior to installation, unroll SOPRAVAP'R onto the roof surface and allow to relax. SOPRAVAP'R may be applied to most substrates including steel, plywood, gypsum, concrete, or asphalt panels. Place SOPRAVAP'R in desired position. Remove the protective release film from the underside of the sheet and roll SOPRAVAP'R into place with a weighted roller. Refer to the SOPREMA Vapor Retarder Technical Manual, low slop roofing for addition guidelines.



APPLICATION



SELF-ADHERED

QUICK FACTS

LENGTH (ft)	WIDTH (in)	COVERAGE* (ft²)	THICKNESS (mils)	ROLL WEIGHT (lb)	ROLLS/PALLET (pallet weight)
134 (40.8 m)	45 (1.1 m)	468 (43.5 m²)	31 (0.8 mm)	75 (33.5 kg)	25 (1,925 lb/ 874 kg)

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

TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Reinforcement	None
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Top surfacing	Tri-laminate woven polyethylene
Back surfacing	Self adhesive with release film
Selvage surface	Tri-laminate polyethylene
Selvage width, in (mm)	3 (75)
End lap, in (mm)	6 (152)

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Thickness, mils (mm)	31 (0.8)		ASTM D5147
Tensile strength @ 73.4°F (23°C), lbf/in (kN/m)	50.6 (8.9)	70.6 (12.4)	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	33	25	ASTM D5147
Tear resistance, lbf (N)	94.6 (420.8)	102.6 (456.3)	ASTM D5147
Dynamic Puncture Resistance, lbf (N)	152 (675)	152 (675)	ASTM E154
Lap adhesion with Primer, lbf/ft (N/m)	60.3 (880)		ASTM D1876
Lap adhesion without Primer, lbf/ft (N/m)	41 (600)		ASTM D1876
Water absorption, %	0.1		ASTM D5147
Peel resistance on steel, lbf/in (N/m)	5.3 (928)		ASTM D903
Low Temperature Flexibility, °F (°C)	-58 (-50)		ASTM D5147
Water vapor permeance, perm (ng/Pa.s.m²)	< 0.03 (< 1.7)		ASTM E96 (Proc. B)
Air permeability, L/s.m²	< 0.002		ASTM E2178

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

TESTING & APPROVALS



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY
APPROVED