

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

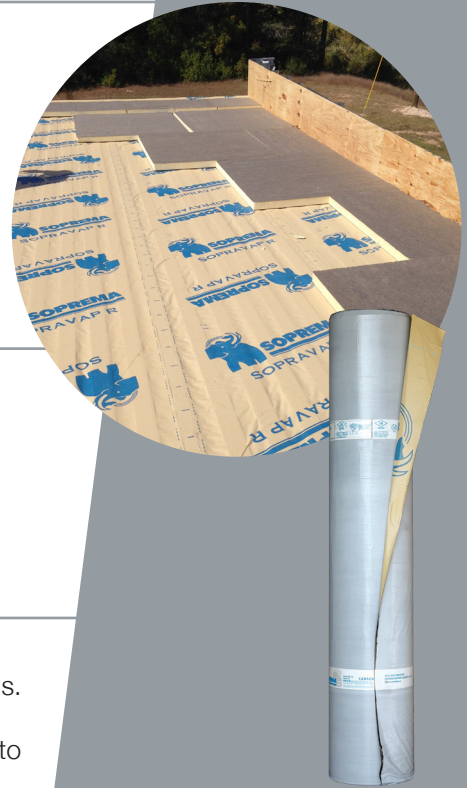
SOPRAVAP'R is an SBS-modified bitumen vapor barrier for use in approved multi-ply membrane and flashing assemblies. SOPRAVAP'R is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen in combination with a high tack self-adhesive specifically designed for use with steel decks. The topside is surfaced with high strength tri-laminate polyethylene film and the underside is surfaced with protective polyolefin 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 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 SBS Roofing Manual for additional application guidelines.



APPLICATION



SELF-ADHERED

QUICK FACTS

LENGTH (ft)	WIDTH (in)	COVERAGE* (ft ²)	THICKNESS (mils)	ROLL WEIGHT (lb)	ROLLS/PALLET (pallet weight)
134 (40.8 m)	45 (1.1 m)	468 (43.5 m ²)	31 (0.8 mm)	80 (35.8 kg)	25 (2,050 lb/ 930 kg)

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



SOPREMA®

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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 (76)
End lap, in (mm)	6 (152)

PHYSICAL PROPERTIES

PROPERTY	MD	XMD	TEST METHOD
Thickness, mils (mm)	31 (0.8)	31 (0.8)	ASTM D5147
Tensile strength, lbf/in (kN/m)	54 (9.5)	74 (13)	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	33	25	ASTM D5147
Tear resistance, lbf (N)	95 (423)	103 (458)	ASTM D1970
Static puncture, lbf (N)	90 (400)	90 (400)	ASTM D5602
Lap adhesion, lbf/ft (N/m)	68 (1000)	68 (1000)	ASTM D1876
Water absorption, %	0.1	0.1	ASTM D5147
Peel resistance, lbf/in (N/m)	5.4 (950)	5.4 (950)	ASTM D903
Cold bending, °F (°C)	-58 (-50)	-58 (-50)	ASTM D5147
Water vapor permeance, perm (ng/Pa.s.m ²)	0.03 (1.7)		ASTM E96
Air permeability, L/s.m ²	< 0.001		ASTM E283

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

TESTING & APPROVALS



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY
APPROVED

