

SOPRAVAP'R®

Self-Adhered SBS-Modified Bitumen Air Barrier/Vapor Retarder



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PDS1074 - REV 230309

PRODUCT NUMBERS:

- 14201 - 134 ft x 45 in (40.8 x 1.1 m) - Roll

DESCRIPTION & FEATURES:

SOPRAVAP'R is a self-adhesive air barrier/vapor retarder membrane composed of a tri-laminated woven polyethylene facer and SBS modified bitumen. **SOPRAVAP'R** provides a quick, clean and efficient installation that can be installed on a variety of approved roof decks and roof board substrates.

- Roll width is specifically designed to better fit steel decks, reducing costs associated with product waste
- Backed with a silicone release film for quick and easy installation
- 100% UV protected for up to 90 days

USES:

SOPRAVAP'R is used as a component in the following systems.

USE	OVERLYING MATERIAL
Air Barrier/Vapor Retarder	Insulation ¹

¹ Refer to SOPREMA's Vapor Retarder Technical Manual: Low-Slope Roofing

APPLICATION:



Prior to installation, unroll **SOPRAVAP'R** onto the roof surface and allow to relax. Place **SOPRAVAP'R** in desired position. Once positioned, firmly hold the membrane in place and remove the silicone release film. For best results, slowly peel film backing away at an angle. Roll **SOPRAVAP'R** into place with a weighted roller to ensure positive adhesion.

Refer to the SOPREMA Vapor Retarder Technical Manual: Low-Slope roofing for complete application guidelines.

STORAGE:

Store rolls in an upright position to prevent damage, do not double stack pallets. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture. Storage temperature range should be between 55°F (12.8°C) and 80°F (26.7°C). For prolonged storage please store indoors at recommended temperatures. Approximate shelf life is 12 months from date of manufacturing when properly stored.

LIMITATIONS:

Adequate surface preparation is the key to proper adhesion. SOPREMA requires the application of ELASTOCOL STICK or ELASTOCOL STICK ZERO for all existing roof surfaces except steel. Prime all working surfaces with ELASTOCOL STICK or ELASTOCOL STICK ZERO at a rate of 3/4 - 1 gallon per 100 square feet via roller, brush, or spray equipment.

Ambient and surface temperatures must be between 40°F (4°C) and below 110°F (43°C). Do not attempt application if ice, snow, moisture or dew are present. Temperatures should be a minimum of 5 degrees above the dew point.

May be left in place during construction. When left exposed to precipitation, positive slope and adequate drainage is required. The effects of weathering may vary based upon local climate and project conditions.

TESTING & APPROVALS:



NOA # 20-0825.11



WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.



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TECHNICAL INFORMATION & TESTING:

SHEET PROPERTIES

PROPERTY	VALUE
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Reinforcement	None
Top surfacing	Tri-laminate woven polyethylene
Back surfacing	Self-adhesive with release film

DIMENSIONS & MASS

PROPERTY	VALUE	ASTM TEST METHOD
Length, ft (m)	134 (40.8)	D5147
Width, in (m)	45 (1.1)	D5147
Coverage,* ft ² (m ²)	468 (43.5)	D5147
Roll weight, lb (kg)	75 (33.5)	D5147
Rolls per pallet	25	D5147
Pallet weight, lb (kg)	1,925 (874)	D5147
Thickness, mils (mm)	31 (0.8)	D5147
Net mass per unit area, lb/100 ft ² (g/m ²)	14.6 (712.8)	D5147
Shelf life, months	12	D5147

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

PHYSICAL PROPERTIES

PROPERTY	MD	XMD	ASTM TEST METHOD
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	50.6 (8.9)	70.6 (12.4)	D5147
Ultimate elongation @ 73.4°F (23°C), %	33	25	D5147
Tear strength @ 73.4°F (23°C), lbf (N)	94.6 (420.8)	102.6 (456.3)	D5147
Dynamic puncture resistance, lbf (N)	152 (675)	152 (675)	D1970
Low temperature flexibility, °F (°C)	-58 (-50)	-58 (-50)	D5147
Lap adhesion with primer, lbf/ft (N/m)	60.3 (880)		D1876
Lap adhesion without primer, lbf/ft (N/m)	41 (600)		D1876
Water absorption, %	0.1		D5147
Peel strength (steel), lbf/in (N/m)	5.3 (928)		D903
Water vapor permeance, perm (ng/Pa.s.m ²)	< 0.03 (< 1.7)		E96 (Procedure B)
Air permeability, L/s.m ²	< 0.002		E2178

Data is represented by average values, unless noted otherwise.