



VAPOUR BARRIER

APPLICATIONS

ROOFS

SOPRAVAP'R

TECHNICAL DATA SHEET APTDS-E-23-01

DESCRIPTION

SOPRAVAP'R is a self-adhesive membrane composed of SBS modified bitumen and a tri-laminated woven polyethylene facer. The underface is covered with a silicone release film.

SOPRAVAP'R is used as a vapour barrier on insulated roof systems. The width of the membrane has been specifically determined to allow the membrane to fit with most structural steel decks.

RECOMMENDED SUBSTRATES

SOPRAVAP'R can be installed on most substrates, such as steel, concrete, plywood, gypsum or cement boards, and asphaltic panels.

SURFACE PREPARATION

Except for the steel deck, all substrates must be primed with **ELASTOCOL STICK** or **ELASTOCOL STICK ZERO**. The substrate should be clean and sound, free of loose materials or contaminants, such as water and grease which may compromise the performance of the product.

APPLICATION

SELF-ADHESIVE

SOPRAVAP'R is adhered to substrate by peeling off the silicone release film.

Side laps must be a minimum of 75 mm and end laps must be a minimum of 150 mm.

All end laps on steel deck shall be supported by a metal plate 15 cm x 106 cm.

Once installed, pressure must be applied over the whole surface using a roller to ensure a perfect adhesion.

Minimum application temperature: - 10 °C

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PROPERTIES

Properties	SOPRAVAP'R
Thickness	0.8 mm
Dimensions	40.8 x 1 m
Gross / Net coverage per roll	46.5 / 43.5 m ²
Weight	0.77 kg/m ²
Selvedge width	75 mm
Top face	Tri-laminate woven polyethylene
Underface	Silicone release film
Rolls per skid	25



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PRECAUTIONS

If **SOPRAVAP'R** is not immediately covered, particular attention should be paid to implementation of details to ensure a perfect temporary seal. All «T» joints and transitions (90 °) should be covered with **SOPRAMASTIC** sealant. If fishmouths or other openings are created to overlap, they must be sealed with **SOPRAMASTIC** sealant.

PROPERTIES

Properties	Standards	SOPRAVAP'R
Tensile strength, MD/XD	ASTM D5147	9.5 / 13 kN/m
Ultimate elongation, MD/XD	ASTM D5147	33 / 25 %
Cold bending	ASTM D5147	- 50 °C
Static puncture	ASTM D5602	400 N
Tear resistance, MD/XD	ASTM D1970	423 / 458 N
Lap adhesion	ASTM D1876	1000 N/m
Water absorption	ASTM D5147	0.1 % max.
Peel resistance on steel	ASTM D903	950 N/m
Water vapour permeance	ASTM E96 (Procedure B)	1.7 ng/Pa.s.m ²
Air permeability	ASTM E2178	< 0.001 L/s•m ²

SOPRAVAP'R membrane is evaluated in accordance with the requirements contained in CAN/ULC-S126, Standard Method of Test for Fire Spread Under Roof Deck Assemblies.
(All values are nominal)

STORAGE & HANDLING

Rolls must be stored upright. If the product is stored outdoors, cover them with an opaque protective cover after removal of the delivery packaging.

