

# SOPRAVAP'R

 TECHNICAL DATA SHEET  
 150914SCAN1E  
 (supersedes 140211SCAN1E)

## 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 (3 in) and end laps must be a minimum of 150 mm (6 in).

All end laps on steel deck shall be supported by a metal plate 15 cm x 106 cm (6 in x 42 in).

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

Minimum application temperature: - 10 °C (14 °F)

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

## PROPERTIES

Properties	SOPRAVAP'R
Thickness	0.8 mm (31 mil)
Dimensions	40.8 x 1.14 m (134 x 3.7 ft)
Gross / Net coverage per roll	46.5 / 43.5 m <sup>2</sup> (500 / 468 ft <sup>2</sup> )
Weight	0.77 kg/m <sup>2</sup> (0.16 lb/ft <sup>2</sup> )
Selvedge width	75 mm (3 in)
Top face	Tri-laminate woven polyethylene
Underface	Silicone release film
Rolls per skid	25

(All values are nominal)

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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 (54 / 74 lbf/in)
Ultimate elongation, MD/XD	ASTM D5147	33 / 25 %
Cold bending	ASTM D5147	- 50 °C (- 58 °F)
Static puncture	ASTM D5602	400 N (90 lbf)
Tear resistance, MD/XD	ASTM D1970	423 / 458 N (95 / 103 lbf)
Lap adhesion	ASTM D1876	1000 N/m (68 lbf/ft)
Water absorption	ASTM D5147	0.1 % max.
Peel resistance on steel	ASTM D903	950 N/m (5.4 lbf/in)
Water vapour permeance	ASTM E96 (Procedure B)	1.7 ng/Pa.s.m <sup>2</sup> (0.03 perm)
Air permeability	ASTM E2178	< 0.001 L/s•m <sup>2</sup>

**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.