

# SOPRAVAP'R



WATERPROOFING

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET 210621SCANE

(supersedes 210321SCANE)

## 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 SUBSTRATE

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.

## INSTALLATION

### 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)

### PRECAUTION

SOPRAVAP'R 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. Cover as soon as possible to limit exposure to UV and construction traffic. Not recommended for use as temporary roof assembly.

### RESTRICTION

No product can be installed over SOPRAVAP'R membrane with hot bitumen.

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



SOPREMA.US • 1.800.356.3521

SOPREMA.CA • 1.877.MAMMOUTH

NOTE: All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

TDS\_SOPRAVAP'R.indd

# SOPRAVAP'R



WATERPROOFING

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET 210621SCANE

(supersedes 210321SCANE)

## PACKAGING

Specifications	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)

## PROPERTIES

Properties	Standards	SOPRAVAP'R
Tensile strength, MD/XD	ASTM D5147	9.5 / 12 kN/m (54 / 68 lbf/in)
Ultimate elongation, MD/XD	ASTM D5147	33 / 20 %
Low temperature flexibility	ASTM D5147	< - 30 °C (< - 35°F)
Dynamic puncture resistance	ASTM E154	675 N (152 lbf)
Tear resistance, MD/XD	ASTM D5147	400 / 350 N (90 / 79 lbf)
Lap adhesion without primer	ASTM D1876	600 N/m (41 lbf/ft)
Lap adhesion with primer	ASTM D1876	1000 N/m (68 lbf/ft)
Peel resistance on steel	ASTM D903	950 N/m (5.4 lbf/in)
Water vapour permeance	ASTM E96 (Procedure B)	< 2.5 ng/Pa.s.m <sup>2</sup> (< 0.04 perm)
Air permeability	ASTM E2178	< 0.001 L/s.m <sup>2</sup>

(All values are nominal)

## STORAGE AND 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.



SOPREMA.US • 1.800.356.3521

SOPREMA.CA • 1.877.MAMMOUTH

NOTE: All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

TDS\_SOPRAVAP'R.indd