

SOPRAVAP'R

Self-adhesive vapour barrier for warm roof systems

January 2024

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.

PACKAGING:

| Specifications | SOPRAVAP'R |
|-------------------------------|---------------------------------|
| Thickness | 0.8 mm |
| Dimensions | 40.8 x 1.14 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 |

(All values are nominal)

TECHNICAL DATA:

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

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SURFACE PREPARATION:

Except for the steel deck, all substrates must be primed with Equus Peel & Stick Primer. 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 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

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 contact your Equus Representative.

BUILDING CODE COMPLIANCE:

This product meets the NZBC regulations when used as part of an Equus specified system. For full building compliance information see the relevant System TDS.

STORAGE:

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

WARNINGS AND BANS:

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| Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004? | No |
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MANUFACTURERS CONTACT DETAILS:

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| Manufacture location | Canada |
| Legal and trading name of manufacturer | Soprema New Zealand Limited |
| Manufacturer address for service | Level 3, Candida Building 4, 61 Constellation Drive, Mairangi Bay, Auckland 0630, New Zealand |
| Manufacturer website | www.soprema.com.au |
| Manufacturer email | info@soprema.com.au |
| Manufacturer phone number | +61 3 9221 6230 |
| Manufacturer NZBN | 9429050312962 |