



WATERPROOFING

APPLICATIONS

ROOFS

SOPRAVAP'R

TECHNICAL DATA SHEET

ANZ-TDS-45-SOPRAVAP'R

DESCRIPTION

SOPRAVAP'R is a self-adhesive vapour barrier membrane composed of SBS modified bitumen and a tri-laminated woven polyethylene facer resistant to foot traffic use on insulated roof systems. The underface is covered with a silicone release film.

The width of SOPRAVAP'R was designed so that it fits with the top flutes of most steel deck profiles. Thus, the area covered by a roll is optimised and wastage is reduced.

SOPRAVAP'R can also be applied at low temperatures.

FIELD OF APPLICATION

SOPRAVAP'R can be installed on most substrates, such as;

- Concrete
- Plywood
- Steel
- Gypsum
- Cement boards
- Asphaltic panels

APPLICATION METHOD

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

INSTALLATION PROCEDURE

SUBSTRATE

- No work should be started until all surfaces are smooth, dry, and free of ice, snow or any other substance that may prevent the membrane from adhering properly.
- Substrate must have a minimum 1% gradient to ensure that water drains to drainage outlets.
- Concrete substrate must be fully cured before application of the membrane.
- Adhesion test is recommended prior to installation of membrane.
- Commencement of installation shall be taken as acceptance of the substrate by the Applicator.

PRIMING

- Except for the steel deck, all substrates must be primed with ELASTOCOL STICK at the rate specified in TDS. 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.

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.
- Ensure specified side-laps and end-laps are maintained. End-laps should be staggered 1 m apart.
- 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

If SOPRAVAP'R is not immediately covered, particular attention should be paid to the 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.



SOPREMA.COM.AU • +61 (3) 9221 6230

TDS_SOPRAVAP_R_RA_2021

Fast and easy-to-install

Intelligent design

High mechanical properties

High resistance to tear and puncture

Support panel not required



WATERPROOFING

APPLICATIONS

ROOFS

SOPRAVAP'R

TECHNICAL DATA SHEET

ANZ-TDS-45-SOPRAVAP'R

RESTRICTION

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

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

PACKAGING

SPECIFICATIONS	SOPRAVAP'R
Top face	Tri-laminate woven polyethylene
Underface	Silicone release film
Thickness	0.8 mm
Roll dimensions	40.8 m × 1.14 m
Roll weight	37 kg
Rolls per pallet	25

PROPERTIES

PROPERTIES	TEST METHOD	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 (< 0.04 perm)
Air permeability	ASTM E2178	< 0.001 L/s.m ²
Selvedge width	-	75 mm

STORAGE AND HANDLING

Rolls must be stored upright, with the selvedge side on top. If the products are stored outdoors, cover them with an opaque protection cover after removal of the delivery packaging.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative and/or the contractor are responsible for checking the suitability of products for their intended use.



SOPREMA.COM.AU • +61 (3) 9221 6230

TDS_SOPRAVAP'R_RA_2021

2/2