



WATERPROOFING

APPLICATIONS

ROOFS

SOPRAPLY BASE 520

TECHNICAL DATA SHEET

ANZ-TDS-08-SOPRAPLY BASE 520

DESCRIPTION

SOPRAPLY BASE 520 is a high performance base sheet membrane composed of SBS modified bitumen and a composite reinforcement.

Both sides are covered with a thermofusible film.

INSTALLATION

HEAT-WELDED

SOPRAPLY BASE 520 is heat-welded with a propane torch.

Compliance with AS 4654.1

Good mechanical properties

Excellent dimensional stability

Excellent elastic performance

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

PACKAGING

SPECIFICATIONS	SOPRAPLY BASE 520
Thickness	2.5 mm
Reinforcement	Composite
Dimensions	10 m x 1 m
Weight	3.3 kg/m ²
Selvedge width	75 mm
Surface / Underface	Thermofusible film

(All values are nominal)

PROPERTIES

PROPERTIES	TEST METHOD	SOPRAPLY BASE 520
Abrasion resistance*	AS 1580.403.2	NPD*
Bond strength to concrete	ASTM C794	37.3 N/2.5cm
Cyclic movement	CSIRO Moving joint test (B)	PASS
Dimensional stability	ASTM D5147	MD: -0.08 % ; CD: -0.15%
Elongation at break	AS 4654.1	53 %
Field seam strength	ASTM D1876	1.8 (±0.6) N/m
Heat ageing	AS 4654.1 (AS 1145.3)	PASS ; no visual change
Ultraviolet resistance*	AS 4654.1 (AS 1145.3)	NPD*
Heat resistance	(ASTM D4799)	NPD*
Tensile strength	ASTM D5147	930 N/5CM
Durability	AS 4654.1	PASS
Watertightness	EN 1928-B:2000	> 200 kPa
Water vapor transmission rate	AS 4654.1	0 perm**

* Applicable only to self - protected ** The results values are below the variation of the equipment. We consider that the sample have no water vapor transmission



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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 or the contractor are responsible for checking the suitability of products for their intended use.

Note: Field service where provided, does not constitute supervisory responsibility. Suggestions made by Soprema Australia Pty Ltd either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they are responsible for carrying out procedures appropriate to a specific application.

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