

SOPRAPLY BASE PLUS P/P 3.0

TECHNICAL DATA SHEET 240212SCANE

(supersedes 231213SCANE)



WATERPROOFING

APPLICATIONS

ROOFS

DESCRIPTION

SOPRAPLY BASE PLUS P/P 3.0 is a high performance base sheet membrane composed of SBS modified bitumen and a composite reinforcement. Both sides are covered with a thermofusible plastic film.

INSTALLATION

HEAT-WELDED

SOPRAPLY BASE PLUS P/P 3.0 membrane is heat-welded with a propane torch.

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

GENERAL INFORMATION

Specifications	SOPRAPLY BASE PLUS P/P 3.0
Reinforcement	Composite
Dimensions	10 x 1 m (33 x 3.3 ft)
Selvedge width	75 mm (3 in)
Surface	Thermofusible plastic film
Underface	Thermofusible plastic film

(All values are nominal)



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

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PROPERTIES

Properties	SOPRAPLY BASE PLUS P/P 3.0		CSA A123.23 Type C, Grade 3 Requirements
	BEFORE Heat Conditioning	AFTER Heat Conditioning	
Thickness, min.	3.0 mm (118 mils)		1.8 mm (70 mils)
Selvage thickness, min.	3.0 mm (118 mils)		1.8 mm (70 mils)
Mass per unit area, min.	3.6 kg/m ² (76 lb/100 ft ²)		2.2 kg/m ² (45 lb/100 ft ²)
Back surface coating thickness	≥ 1.0 mm (≥ 40 mils)		min. 1.0 mm (40 mils)
Strain energy, min. MD/XD, at 23 °C ± 2 °C (73.4 °F ± 3.6 °F) at -18 °C ± 2 °C (0 °F ± 3.6 °F)	9.5/8.5 kN/m (54/49 lbf/in) 12.0/11.0 kN/m (69/63 lbf/in)	8/6.5 kN/m (47/37 lbf/in) 11/9 kN/m (63/52 lbf/in)	5.5 kN/m (31 lbf/in) 3.0 kN/m (17 lbf/in)
Peak load, min. MD/XD, at 23 °C ± 2 °C (73.4 °F ± 3.6 °F) at -18 °C ± 2 °C (0 °F ± 3.6 °F)	19.0/16.0 kN/m (108/91 lbf/in) 24.0/20.0 kN/m (137/114 lbf/in)	19/15 kN/m (108/86 lbf/in) 24/18.5 kN/m (137/105 lbf/in)	Report value Report value
Elongation at peak load, min. MD/XD, at 23 °C ± 2 °C (73.4 °F ± 3.6 °F) at -18 °C ± 2 °C (0 °F ± 3.6 °F)	65/65% 55/70%	50/50% 35/35%	Report value Report value
Ultimate elongation, MD/XD, at 23 °C ± 2 °C (73.4 °F ± 3.6 °F)	100/100%	55/60%	Report value
Dimensional stability, max. MD/XD	±0.2/±0.2%		0.5%
Low temperature flexibility, max. MD/XD	-35/-35 °C (-31/-31 °F)	-35/-35 °C (-31/-31 °F)	-18 °C (-0.4 °F)
Compound stability	105 °C (221 °F)		min. 91 °C (195 °F)
Resistance to puncture	Pass		Pass

(All values are nominal)

STORAGE AND HANDLING

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



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