



WATERPROOFING

APPLICATIONS

ROOFS

SOPRALENE

180 PS 3.0

TECHNICAL DATA SHEET 200316SCANE

(supersedes 120322SCAN1E)

DESCRIPTION

SOPRALENE 180 PS 3.0 is a base sheet membrane composed of SBS modified bitumen and a non-woven polyester reinforcement. The surface is covered with a thermofusible plastic film and the underface is sanded.

INSTALLATION

HOT BITUMEN

SOPRALENE 180 PS 3.0 is unrolled in a bed of hot bitumen (SEBS or oxidized) applied with a mop.

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

PACKAGING

Specifications	SOPRALENE 180 PS 3.0
Thickness	3.0 mm (118 mil)
Reinforcement	Non-woven polyester
Dimensions	10 x 1 m (33 x 1 ft)
Weight	3.6 kg/m ² (0.7 ft ²)
Selvedge width	75 mm (3 in)
Surface	Thermofusible plastic film
Underface	Sanded

(All values are nominal)



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TDS_SOPRALENE_180_PS_3.0.indd



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PROPERTIES

As per CSA A123.23-15, Type B, Grade 3.

Properties	SOPRALENE 180 PS 3.0	
	BEFORE Heat Conditioning	AFTER Heat Conditioning
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)	6.5/6.5 kN/m (37/37 lbf/in) 8.0/4.0 kN/m (46/23 lbf/in)	5.5/5.5 kN/m (31/31 lbf/in) 3.1/3.1 kN/m (18/18 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)	15/11 kN/m (86/63 lbf/in) 22/17 kN/m (126/97 lbf/in)	14/10 kN/m (80/57 lbf/in) 19/11 kN/m (108/63 lbf/in)
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)	50/60 % 30/30 %	15/50 % 7/21 %
Ultimate elongation, MD/XD At 23 °C ± 2 °C (73.4 °F ± 3.6 °F)	55/70 %	45/45 %
Dimensional stability, max MD/XD	±0.5/±0.1 %	
Low temperature flexibility, max MD/XD	-18/-18 °C (0/0 °F)	-18/-18 °C (0/0 °F)
Compound stability at 102 °C (216 °F)	121/121 °C (250/250 °F)	
Resistance to puncture	Pass	

(All values are nominal)

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.



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