

Formerly known as SOPRALENE MAMMOUTH 5 mm GR

SOPRALENE MAMMOUTH GR

TECHNICAL DATA SHEET 200316SCANE

(supersedes 180808SCAN1E)



WATERPROOFING

APPLICATIONS

ROOFS

DESCRIPTION

SOPRALENE MAMMOUTH GR is a cap sheet membrane composed of SBS modified bitumen and a non-woven polyester reinforcement. The surface is protected by coloured granules and the underface is covered with a thermofusible plastic film.

INSTALLATION

HEAT-WELDED

SOPRALENE MAMMOUTH GR is heat-welded with a propane torch.

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

PACKAGING

Specifications	SOPRALENE MAMMOUTH GR
Thickness	5.0 mm (197 mil)
Reinforcement	Non-woven polyester
Dimensions	8 x 1 m (26 x 3.3 ft)
Weight	6.0 kg/m ² (1.2 lb/ft ²)
Selvedge width	100 mm (4 in)
Surface	Granules
Underface	Thermofusible plastic film

(All values are nominal)



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PROPERTIES

As per CSA A123.23-15, Type B, Grade 1.

Properties	SOPRALENE MAMMOUTH GR	
	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)	9.5/7.5 kN/m (54/43 lbf/in) 10/6 kN/m (57/34 lbf/in)	7.5/6.0 kN/m (43/34 lbf/in) 7/5.5 kN/m (40/31 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)	27/19 kN/m (154/108 lbf/in) 32/20 kN/m (183/114 lbf/in)	24/18 kN/m (137/103 lbf/in) 27/18 kN/m (154/103 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)	55/65 % 35/35 %	45/55 % 30/35 %
Ultimate elongation at 23 °C ± 2 °C (73.4 °F ± 3.6 °F) MD/XD	55/75 %	45/60 %
Dimensional stability, max MD/XD	±0.2/±0.2 %	
Low temperature flexibility, max MD/XD	-18/-18 °C (0/0 °F)	-18/-18 °C (0/0 °F)
Low temperature flexibility after UV weathering, max MD/XD	-12/-12 °C (10/10 °F)	
Compound stability at 102 °C (216 °F)	121/121 °C (250/250 °F)	
Resistance to puncture	Pass	
Granule embedment	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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