



WATERPROOFING

APPLICATIONS

ROOFS

ELASTOPHENE 180 SANDED

TECHNICAL DATA SHEET 200610SCANE

(supersedes 200316SCANE)

DESCRIPTION

ELASTOPHENE 180 SANDED is a base sheet membrane composed of SBS modified bitumen and a non-woven polyester reinforcement. Both sides are sanded.

INSTALLATION

HOT BITUMEN

ELASTOPHENE 180 SANDED 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	ELASTOPHENE 180 SANDED
Thickness	2.2 mm (87 mils)
Reinforcement	Non-woven polyester
Dimensions	15 x 1 m (49 x 3.3 ft)
Weight	2.5 kg/m ² (0,5 lb/ft ²)
Selvedge width	75 mm (3 in)
Surface	Sanded
Underface	Sanded

(All values are nominal)



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PROPERTIES

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

Properties	Standards	ELASTOPHENE 180 SANDED	
		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)	CSA A123.23-15, Type B, Grade 3	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)	
Compound stability at 102 °C (216 °F)		121/121 °C (250/250 °F)	
Resistance to puncture		Pass	
Water vapour transmission		ASTM E96 (Procedure B)	< 2.5 ng/Pa•s•m ² (< 0.04 perm)

(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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