

SOPRALENE 180 SANDED

TECHNICAL DATA SHEET 240212SCANE

(supersedes 200316SCANE)



WATERPROOFING

APPLICATIONS

ROOFS

DESCRIPTION

SOPRALENE 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

SOPRALENE 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.

GENERAL INFORMATION

| Specifications | SOPRALENE 180 SANDED |
|----------------|------------------------|
| Reinforcement | Non-woven polyester |
| Dimensions | 10 x 1 m (33 x 3.3 ft) |
| Selvedge width | 75 mm (3 in) |
| Surface | Sanded |
| Underface | Sanded |

(All values are nominal)



SOPREMA.US • 1.800.356.3521

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

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PROPERTIES

| Properties | SOPRALENE 180 SANDED | | CSA A123.23 Type B, Grade 3 Requirements |
|--|--|--|---|
| | BEFORE Heat Conditioning | AFTER Heat Conditioning | |
| Thickness, min. | 3.0 mm (118 mils) | | 2.2 mm (85 mils) |
| Selvage thickness, min. | 3.0 mm (118 mils) | | 2.2 mm (85 mils) |
| Mass per unit area, min. | 3.6 kg/m ² (70 lb/100 ft ²) | | 2.6 kg/m ² (53 lb/100 ft ²) |
| 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) | 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) | 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) | 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) | 50/60% 30/30% | 15/50% 7/21% | Report value Report value |
| Ultimate elongation, MD/XD, at 23 °C ± 2 °C (73.4 °F ± 3.6 °F) | 55/70% | 45/45% | Report value |
| Dimensional stability, max. MD/XD | ±0.5/±0.1% | | 1.0% |
| Low temperature flexibility, max. MD/XD | -18/-18 °C (-0.4/-0.4 °F) | -18/-18 °C (-0.4/-0.4 °F) | -18 °C (-0.4 °F) |
| Compound stability | 121/121 °C (250/250 °F) | | min. 102 °C (215 °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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