

SOPRAFIX BASE 630

TECHNICAL DATA SHEET
150108SCAN1E
(supersedes -130321SCAN1E)

DESCRIPTION

SOPRAFIX BASE 630 is a high performance base sheet membrane composed of SBS modified bitumen and a composite reinforcement. The surface is covered with a thermofusible plastic film, while the underface is sanded.

SOPRAFIX BASE 630 is provided with **DUO SELVEDGE** technology (70 % self-adhesive/30 % thermofusible) which allows the immediate sealing of the membrane along side laps.

INSTALLATION

MECHANICALLY FASTENED

SOPRAFIX BASE 630 is installed directly to the insulating panels with **SOPRAFIX** screws and plates.

- Mechanical fasteners must be installed in the centre of the membrane side selvedge on marks at every 150 mm (6 in)* along the overlap.
- On a steel deck, fasteners must be installed on the upper part of the ribs. Install membranes perpendicular to the ribs.
- It is not required to fasten insulation boards to achieve wind uplift resistance when base sheet membranes are mechanically fastened. However, in order to prevent any warping of insulation boards, they can be fastened at a rate of one fastener per 1.2 m² (4 ft²).

*For more details about the required number of mechanical fasteners, consult the Wind Uplift Resistance Testing reports according to Canadian standard CSA A123.21-10 or publications according to FM 4470 (RoofNav Database) including recommendations for corners and perimeters listed in the PLPDS 1-29 from Factory Mutual.

DUO SELVEDGE

The first 70 % of **DUO SELVEDGE** is self-adhesive, which protects components under the base sheet when the remaining 30 % surface of the selvedge is sealed with a torch and a round nosed trowel.

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

PACKAGING

Specifications	SOPRAFIX BASE 630
Thickness	2.5 mm (98 mil)
Reinforcement	Composite
Dimensions	1 m x 10 m (3.3 ft x 33 ft) 1 m x 15 m (3.3 ft x 49 ft)
Weight	3.2 kg/m ² (0.7 lb/ft ²)
Selvedge width	100 mm (4 in)
Surface	Thermofusible Plastic Film
Underface	Sanded
Roll per skids	Rolls of 10 m (33 ft): 36 Rolls of 15 m (49 ft): 25



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PROPERTIES

SOPRAFIX BASE 630 as per ASTM D5147.

Properties	MD	XMD
Peak Load at -18 °C ± 2 °C - Initial - 90 days at 70 °C (158 °F)	22 kN/m 22 kN/m	19 kN/m 19 kN/m
Elongation at -18 °C ± 2 °C - Initial - 90 days at 70 °C (158 °F)	30 % 30 %	30 % 30 %
Peak Load at 23 °C ± 2 °C - Initial - 90 days at 70 °C (158 °F)	16 kN/m 16 kN/m	14 kN/m 14 kN/m
Elongation at 23 °C ± 2 °C - Initial - 90 days at 70 °C (158 °F)	60 % 35 %	60 % 35 %
Ultimate elongation at 23 °C ± 2 °C - Initial - 90 days at 70 °C (158 °F)	65 % 45 %	65 % 45 %
Tear Strength at à 23 °C ± 2 °C	500 N	450 N
Low Temperature Flex - Initial - 90 days at 70 °C (158 °F)	-18 °C (0 °F) -18 °C (0 °F)	-18 °C (0 °F) -18 °C (0 °F)
Dimensional Stability, max	0.5 %	0.5 %
Compound Stability Temp	>107 °C (225 °F)	

(All values are nominal)

STORAGE & HANDLING

Rolls must be stored upright, with the selvedge side on top. If the products are stored outside, cover them with an opaque protection cover after the packaging provided for delivery has been removed.

