

SOPRAFIX BASE 635

TECHNICAL DATA SHEET
130321SCAN2F
(supersedes 120704SCAN1F)

DESCRIPTION

SOPRAFIX BASE 635 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. The underface is sanded.

SOPRAFIX BASE 635 is provided with **DUO SELVEDGE** technology (60 % self-adhesive/40 % thermofusible) which allows the immediate sealing of the membrane along side laps.

INSTALLATION

MECHANICALLY FASTENED

SOPRAFIX BASE 635 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.

* 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 60% of **DUO SELVEDGE** is self-adhesive, which protects components under the base sheet when the remaining 40% surface of the selvedge is heat-welded or sealed with a hot air gun and a round nosed trowel.

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

PACKAGING

Specifications	SOPRAFIX BASE 635
Thickness	2.5 mm (98 mils)
Reinforcement	Non-woven polyester
Dimensions	1 m x 10 m (3.3 ft x 33 ft) 1 m x 15 m (3.3 ft x 49 ft)
Weight	3.1 kg/m ² (0.6 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

As per CAN/CGSB-37.56-M, 9th draft

Propriétés	MD	XD
Strain energy	9 kN/m	7 kN/m
Breaking strength	17 kN/m	12.5 kN/m
Ultimate elongation	60 %	65 %
Tear resistance	60 N	
Static puncture resistance	400 N	
Dimensional stability	- 0.3 %	0.3 %
Plastic flow	≥ 105 °C (221 °F)	
Cold bending at -30 °C (-22 °F)	No cracking	
Lap joint strength	Pass > 4 kN/m	

(All values are nominal)

STORAGE & HANDLING

Rolls must be stored upright, with the selvage 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.