

# SOPRAFIX BASE 630

TECHNICAL DATA SHEET  
190614SCAN1E  
(supersedes 180809SCAN1E)

## 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.

## INSTALLATION

### MECHANICALLY FASTENED

**SOPRAFIX BASE 630** is mechanically fastened to the steel deck with **SOPREMA** 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.
- Preliminary mechanical fasteners need to be installed on insulation boards at a rate of 4 fasteners per 1.2 x 1.2 m (4 X 4 ft) boards and 6 fasteners per 1.2 x 2.4 m (4 X 8 ft) boards. More fasteners may be needed depending on the wind uplift testing results\*.

\*For more details about the required number of mechanical fasteners, consult the Wind Uplift Resistance Testing reports according to Canadian standard CSA A123.21 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 side lap joints have a **DUO SELVEDGE**. This technologie allows to adhere the first self-adhesive part of the joint and to seal the last part of the joint with a propane torch or with the **SOPRAMATIC** automatic hot-air welder.

**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 <sup>2</sup> (0.7 lb/ft <sup>2</sup> )
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



# SOPRAPHIX BASE 630

## PROPERTIES

SOPRAPHIX 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 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)	

Meets and exceeds the requirements of CAN/CGSB-37.56-M, 9th draft.  
(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.

