

SOPRABASE HD SANDED



WATERPROOFING
ACCESSORY

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET 161031SCANE

(supersedes - 160420SCANE)

DESCRIPTION

SOPRABASE HD SANDED is a high performance base sheet panel composed of SBS modified bitumen membrane with a non-woven polyester reinforcement, factory-laminated on a high density fire-resistant fibreboard (**SOPRAFIBRE**) support panel. The surface is sanded.

INSTALLATION

BITUMEN

SOPRABASE HD SANDED panel is installed in a bed of hot bitumen applied with a mop.

ADHESIVE

SOPRABASE HD SANDED panel is adhered with **DUOTACK** adhesives.

MECHANICALLY FASTENED

SOPRABASE HD SANDED panel is mechanically fastened to steel deck with SOPREMA screws and plates for membranes.

Mechanical fasteners must be installed on the distinctive line of the membrane side selvedge.

On a steel deck, fasteners must be installed on the steel deck top flanges. Install membranes perpendicular to the steel deck ribs.

For more details about the required number of adhesive or 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

Over the entire width of DUO SELVEDGE, 40 % of the surface is self-adhesive. The remaining surface of the selvedge (60 %) is covered by a thermofusible plastic film to seal overlap by heat-welding 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	SOPRABASE HD SANDED
Total thickness (Membrane & board)	14.9 mm (19/32 in)
Reinforcement of the membrane	Non-woven polyester
Dimensions of the board (HD Fibreboard)	2.44 x 0.914 m (8 x 3 ft)
Total weight	13.1 kg (28.8 lb)
Selvedge width	90 mm (3.5 in)
Surface	Sanded
Underface	Fire-resistant fibreboard

(All values are nominal)



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PROPERTIES

Properties	Standards	MEMBRANE
Membrane Thickness	-	2.2 mm (86.6 mil)
Breaking Strength, MD/XD	CAN/CGSB-37.56-M, 9th draft	17.0 / 12.5 kN/m
Ultimate Elongation, MD/XD	CAN/CGSB-37.56-M, 9th draft	60 / 65 %
Tear Strength	ASTM D5601	60 N
Cold Bending - Initial - 90 days at 70 °C	CAN/CGSB-37.56-M, 9th draft	-30 °C (-22 °F) -30 °C (-22 °F)

(All values are nominal)

PROPERTIES

SOPRABASE HD SANDED panel meets the requirements of ANSI/UL 790 and CAN/ULC-S107 standards.

Properties	Standards	HD FIBREBOARD (SOPRAFIBRE)
Thickness	-	12.7 mm (½ in)
Specific Gravity	ASTM D1037	256 kg/m ³ (16 lbs/ft ³)
Transverse Strength	ASTM C209	67 N (15 lbs)
Tensile Strength Perpendicular to Surface, min	ASTM C209	36.5 kPa (761 lbs/ft ²)
Tensile Strength Parallel to Surface, min	ASTM C209	1.3 MPa (187 lbs/in ²)
Water Absorption	ASTM C209	< 6 % of the volume
Linear Expansion	ASTM C209	0.10 %
Compressive Resistance, min (10 % deformation)	ASTM C165	2.4 kg/cm ² (34.8 lbs/in ²)
Compressive Resistance, min (25 % deformation)	ASTM C165	3.6 kg/cm ² (51 lbs/in ²)
Thermal Resistance (R-Value/in)	ASTM C518	RSI 0.53 (R-3)

(All values are nominal)

STORAGE AND HANDLING

SOPRABASE HD SANDED base sheet panels must be stored on a flat substrate and sheltered from inclement weather. If the products are stored outdoors, cover them with an opaque protection cover.



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