



WATERPROOFING
ACCESSORY

APPLICATIONS

ROOFS

SOPRASMART BOARD 180 SANDED

TECHNICAL DATA SHEET 190424SCANE

(supersedes 161031SCANE)

DESCRIPTION

SOPRASMART BOARD 180 SANDED is a high performance base sheet panel composed of SBS modified bitumen membrane with a non-woven polyester reinforcement, factory-laminated on asphaltic board (SOPRABOARD). The surface is sanded.

INSTALLATION

BITUMEN

SOPRASMART BOARD 180 SANDED panel is installed in a bed of hot bitumen applied with a mop.

ADHESIVE

SOPRASMART BOARD 180 SANDED panel is adhered with DUOTACK adhesives.

MECHANICALLY FASTENED

SOPRASMART BOARD 180 SANDED panel is mechanically fastened to steel deck with SOPREMA screws and plates.

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 A123.21-10 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

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	SOPRASMART BOARD 180 SANDED	
Total thickness (Membrane & Boards)	5.4 mm (7/32 in)	7 mm (9/32 in)
Membrane reinforcement	Non-woven polyester	
Support panel dimensions (Asphaltic board)	2.44 x 0.914 m (8 x 3 ft)	
Total weight	7.3 kg/m ² (1.5 lb/ft ²)	9.7 kg/m ² (2 lb/ft ²)
Selvedge width	90 mm (3.5 in)	
Surface	Sanded	
Underface	Semi-rigid asphaltic board	

(All values are nominal)



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SOPRASMART BOARD 180 SANDED



WATERPROOFING
COMPLEMENTARY PRODUCT

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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	CAN/CGSB-37.56-M, 9th draft	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	Standards	ASPHALTIC BOARD (SOPRABOARD)	
Board thickness	-	3.2 mm (1/8 in)	4.8 mm (3/16 in)
Puncture Resistance	ASTM E154	500 N	
Water Absorption	ASTM D994	0.25 %	

(All values are nominal)

STORAGE AND HANDLING

SOPRASMART BOARD 180 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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