

SOPRABOARD



TECHNICAL DATA SHEET **260401SCANE**

(supersedes 230829SCANE)

DESCRIPTION

SOPRABOARD is a support panel composed of two asphalt-saturated glass mat reinforcement covering a mineral-fortified asphaltic core.

SOPRABOARD is designed to be used as a support panel on low-slope roofing. It can be installed over plywood or rigid insulation boards. SOPRABOARD can also be used as a protection board for waterproofing membranes of below grade surfaces. Membranes must be installed over the darker side (surface) of the protection board.

SOPRABOARD is compatible with modified bitumen and B.U.R. roofing systems. Modified bitumen roofing systems can be welded directly to the board surface or adhered with hot bitumen or adhesive. SOPRABOARD, using an appropriate primer, may also be used with self-adhesive membranes.

INSTALLATION

BITUMEN

- SOPRABOARD panel is installed in a bed of SEBS hot bitumen applied with a mop.
Minimum application temperature: 220 °C (425 °F)

ADHESIVE

- SOPRABOARD panel is adhered with one of the DUOTACK adhesives.

MECHANICALLY FASTENED

- SOPRABOARD panel is mechanically fastened to the steel deck with screws and stress plates for insulation.
- 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.

RESTRICTION

SOPRABOARD must be quickly covered after its installation and not left exposed.

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



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PROPERTIES

SOPRABOARD meets the requirements of CSA A123.25.

Properties	Standards	SOPRABOARD		
		SOPRABOARD 1/8	SOPRABOARD 3/16	SOPRABOARD 1/4
Thickness	ASTM C209	3.17 mm (1/8 in)	4.8 mm (3/16 in)	6.4 mm (1/4 in)
Board size		1.22 x 1.52 m (4 x 5 ft)	1.22 x 2.44 m (4 x 8 ft)	1.22 x 1.52 m (4 x 5 ft)
Weight	-	4.4 kg/m ² (0.90 lb/ft ²)	6.9 kg/m ² (1.41 lb/ft ²)	9.3 kg/m ² (1.90 lb/ft ²)
Puncture resistance	ASTM E154	500 N (112 lbf)		
Water absorption	ASTM D994	2.5%		
Compressive Strength <i>at 50% compression</i>	ASTM C472	11 100 kPa (1 610 psi)		9 100 kPa (1 320 psi)
Shore hardness	ASTM C1278	Pass		
Squareness	ASTM C550	< 3 mm		
Straightness	ASTM C550	< 2 mm		
Plastic Flow, <i>2 hours, at 80 °C (176 °F)</i>	CSA A123.25	No flow and no asphalt drop		
Asphalt Content	ASTM D545	≥ 30%		
Tensile Load, MD/XD	ASTM C209 ASTM D5147	> 450 N/450 N (> 101/101 lbf)		
Dimensional Stability Change, MD/XD	ASTM D2126	< ± 0.5/0.5 %		

(All values are nominal)

STORAGE AND HANDLING

SOPRABOARD support 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.

TESTS, CERTIFICATIONS AND EVALUATIONS



FOR MORE INFORMATION, REFER TO THE INSTRUCTIONS ON THE LABEL AND RELEVANT SAFETY DATA SHEET (SDS).



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NOTE : All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture. This technical data sheet applies to products sold on the Canadian market only.