



WATERPROOFING

APPLICATIONS

ROOFING

SOPRABOARD

TECHNICAL DATA SHEET APTDS-E-92-01

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 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 of 220 °C [425 °F]).

ADHESIVE

SOPRABOARD panel is adhered with **DUOTACK** or **COLTACK** adhesives.

MECHANICALLY FASTENED

SOPRABOARD panel is mechanically fastened to 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.

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

LIMITATION

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

PACKAGING

Specifications	SOPRABOARD		
Thickness	3.2 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)

(All values are nominal)

PROPERTIES

Properties	Standards	SOPRABOARD		
		SOPRABOARD 1/8	SOPRABOARD 3/16	SOPRABOARD 1/4
Puncture resistance	ASTM E154	500 N		
Water absorption	ASTM D994	0.25 %		
Compressive Strength	ASTM C472	≥ 1641 kPa (238 psi)		≥ 3565 kPa (517 psi)
Shore hardness	ASTM C1278	Pass		

(Valeurs nominales)

