

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

SOPRABOARD is a semi rigid, asphaltic roofing substrate board for use in approved multi-ply membrane and flashing assemblies. SOPRABOARD is composed of a mineral fortified asphaltic core formed between two fiberglass reinforcing plies. SOPRABOARD is designed for use with SOPREMA®'s SBS-modified bitumen membranes and may be used as a protection board in SOPREMA's waterproofing systems and assemblies.

STORAGE & HANDLING

Store SOPRABOARD flat on a pallet to prevent damage. Do not double stack pallets of SOPRABOARD as this may cause damage the lower pallet. Store in a clean, dry location and cover as necessary to protect boards from environmental damage such as extreme heat, cold, or moisture.

APPLICATION

Place SOPRABOARD in desired position. Apply SOPRABOARD with mechanical fasteners, or adhere with DUOTACK® insulation adhesive or hot asphalt, following the details for the uplift pressure required. Subsequent approved base-ply membranes are adhered to SOPRABOARD via heat welding, cold adhesive, self-adhesive or hot asphalt applications. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.



TECHNICAL INFORMATION & TESTING

DIMENSIONS & MASS			
PROPERTY	SOPRABOARD 1/8"	SOPRABOARD 3/16"	SOPRABOARD 1/4"
Thickness, in (mm)	1/8 (3.2)	3/16 (4.8)	1/4 (6.4)
Board size, ftxft (mxm)	4x4 (1.2 x 1.2), 4x5 (1.2 x 1.5), 4x8 (1.2 x 2.4)		
Weight, lb/ft ² (kg/m ²)	0.9 (4.4)	1.4 (6.9)	1.9 (9.3)

PHYSICAL PROPERTIES				
PROPERTY	SOPRABOARD 1/8"	SOPRABOARD 3/16"	SOPRABOARD 1/4"	TEST METHOD
Puncture resistance, lbf (N)	90 (400)	95 (423)	100 (445)	ASTM E154
Water absorption, %	<1.0	<1.0	<1.0	ASTM D994
Compressive strength, psi (kPA)**	1610 (11100)	1470 (10135)	1320 (9100)	ASTM C472
Hardness, min 20 lbf (89 N)	Pass	Pass	Pass	ASTM C1278

* Data is represented by average values, unless noted otherwise.

** Measured at 50% compression.

TESTING & APPROVALS

