



SOPRABOARD

SOPRABOARD (82)

Order No. *

* See chart on Page 2 or contact your Customer Service or Sales Representative

DESCRIPTION

SOPRABOARD is designed for use with Soprema's SBS modified bitumen membrane roof assemblies. Additionally, SOPRABOARD can be used as a protection board in Soprema's waterproofing systems and assemblies. The R-Values for one-eighth (1/8") inch thick (3.2 mm) and (1/4") inch thick (6.4 mm) Sopraboard are 0.11 and 0.17 respectively. Sopraboard meets ASTM D 3273 (resistance to mold) requirements.

SOPRABOARD is secured to an acceptable substrate by mechanical fastening, hot asphalt or approved cold adhesive. SOPRABOARD is an acceptable replacement for cover boards over most insulation substrates. The roof membranes are either hot mopped, heat welded, self-adhered or bonded to the SOPRABOARD using Approved cold adhesives. REMOVE PLASTIC FILM SEPARATOR FOR ALL ASSEMBLIES.

COMPOSITION

SOPRABOARD is a multi-ply, semi-rigid asphaltic roofing substrate board composed of a mineral fortified asphaltic core formed between two asphaltic saturated fiberglass liners. Sopraboard must be stored flat -- NO DOUBLE-STACKING OF PALLETS.

SURFACE PREPARATION

Apply to approved, clean and dry substrate following SOPREMA Approved Requirements, Approved Details and acceptable roofing practices. Not designed for permanent exposure. Ensure deck is suitable for installation of specified roof assembly. On recover projects, remove gravel, dirt, prime surface and bond SOPRABOARD using approx. 60 lbs (27 kg) per 100 ft² (9.29 m²) hot asphalt or approved coverage rate using insulation adhesive. When SOPRABOARD is mechanically fastened, the existing substrate does not need priming.

Soprema Approved SA Primer is applied to the top surface of SOPRABOARD when a self-adhered base ply is used. Install self-adhesive membrane ONLY when rolls have been stored in 70° F. (21° C.) conditions and ambient temperature is 50° F. (10° C.) and rising. During cool, cloudy, windy periods (less than 70° F [21° C]) with high humidity (early morning or late afternoon especially) use external heating of the Sopraboard with slight heat on the self-adhesive membrane roll to activate the self-adhesive so as to ensure full adhesion to the board. Install Sopraboard using good roofing practices which include warming Sopraboard during cold weather application to allow Sopraboard to lay flat.



SOPRABOARD PHYSICAL PROPERTIES

Board Thickness inch (mm)	Compressive strength @ 15% ASTM D 545 psi	Tensile strength ASTM D 412 psi	Water absorption, 2h % max. ASTM C 209	Moisture content ASTM D 644	Flexibility (2" mandrel) ASTM D 644	Peel strength
1/8" (3.2)*	630	1050	<1.0	0.2%	pass @ 40 F	2.5 - 20.0 lb/in***
3/16" (4.7)	470	700	<1.0	0.2%	pass @ 40 F	2.5 - 20.0 lb/in***
1/4" (6.4)**	440	450	<1.0	0.2%	pass @ 40 F	2.5 - 20.0 lb/in***

* Meets ASTM D 6506, Class B, Type 2

** Meets ASTM D 6506, Class B, Type 3

*** Depending upon primer and substrate used.

APPROVALS

See Underwriters Laboratories, Inc. File No. R11436, FMG Approvals, ICC/ES, Miami-Dade County or Florida Building Code Product Approval Listings for current Approved Roof Assembly combinations. Soprema is 9001:2008 Certified. Sopraboard meets ASTM D 3273 (resistance to mold) requirements.

WARRANTY

SOPREMA offers several warranty options dependent upon membrane combinations, system assembly, and environmental conditions. Contact your local SOPREMA representative for project warranty offerings.

PACKAGING*

SOPRABOARD				
SIZES	THICKNESS	WEIGHTS**	SHEETS/PALLET	ORDER NO.
4' X 4' (1.2 X 1.2 m)	1/8" (3.2 mm)	14.4 lbs / sheet (6.5 kg)	100	D 08412
4' X 4' (1.2 X 1.2 m)	3/16" (4.7 mm)	21 lbs / sheet (9.5 kg)	55	D 08414
4' X 4' (1.2 X 1.2 m)	1/4" (6.4 mm)	27 lbs / sheet (12 kg)	60	D 08416
4' X 5' (1.2 X 1.5 m)	1/8" (3.2 mm)	18 lbs / sheet (8 kg)	100	D 08410
4' X 5' (1.2 X 1.5 m)	3/16" (4.7 mm)	27 lbs / sheet (12 kg)	60	D 08425
4' X 5' (1.2 X 1.5 m)	1/4" (6.4 mm)	33 lbs / sheet (15 kg)	60	D 08411
4' X 8' (1.2 X 2.5 m)	1/8" (3.2 mm)	29 lbs / sheet (13 kg)	100	D 08415
4' X 8' (1.2 X 2.5 m)	3/16" (3.2 mm)	43.5 lbs / sheet (20 kg)	55	D 08413
4' X 8' (1.2 X 2.5 m)	1/4" (3.2 mm)	55 lbs / sheet (25 kg)	40	D 08423

* DO NOT DOUBLE STACK PALLETS

** Approximate Sheet Weight - All values are nominal per manufacturing tolerances.

*** Contact Customer Service or your Sales Representative