

SOPRABOARD®

High performance asphaltic coverboard

PRODUCT DESCRIPTION

SOPRABOARD® asphaltic cover board is a semi-rigid roofing substrate board for use in multi-ply membrane and flashing assemblies and also serves as a protection board for waterproofing applications. SOPRABOARD® is composed of a mineral fortified asphaltic core formed between two fiberglass reinforcing plies designed for compatibility with heat welded, cold-adhered, self-adhered or hot mopped assemblies. SOPRABOARD® is available in a wide variety of lengths and thicknesses.

ADVANTAGES

- ▶ **Exceptional Strength:** Engineered to provide superior wind-uplift performance for a wide variety of roof assemblies
- ▶ **Moisture and Mold:** Uniform water-resistant core ensures excellent moisture and mold resistance
- ▶ **Fire Performance:** Approved cover board in UL Class A and FM Class 1 assemblies
- ▶ **Versatility:** System membrane can be directly applied to the board's surface using heat welding, cold adhesive or hot asphalt
- ▶ **Usability:** Lightweight for faster installation and less breakage from cutting

APPLICATION

1. All work surfaces should be clean, dry, free of dirt, dust, debris, oils, loose or embedded gravel, unadhered coatings, deteriorated membrane and other contaminants.
2. Performance Roof Systems advises that adhesion/peel tests be performed prior to application for concrete, masonry and other substrates where surface conditions may vary. Contact Technical Services for applicable recommendations.
3. Only install as much insulation as can be covered by roofing membrane that same day. Phasing installation of SOPRABOARD® is not approved.
4. If cover board is being installed over an existing layer of insulation, offset all joints by a minimum of 6 inches from the insulation layer below.
5. Cover boards should butt tightly together to prevent shifting or sliding. Continue staggering boards so that all joints offset by a minimum of 12 inches.
6. Adhere SOPRABOARD® using mechanical fasteners, DUOTACK® 365 or hot asphalt.

For exact application instructions, refer to the Performance Roof Systems Specifications & Details Guide.

PHYSICAL PROPERTIES

SOPRABOARD®

CHARACTERISTIC	ASTM	1/8 INCH BOARD	1/4 INCH BOARD
Puncture Resistance; lbf	E154	90	100
Water Absorption; %	D994	< 1.0	< 1.0
Compressive Strength;* psi	C472	1,320	1,610
Hardness	C1278	Pass	Pass

*Physical properties listed above are presented as typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation. * Measured at 50% compression.*

PRODUCT INFORMATION

CHARACTERISTIC	TYPICAL PROPERTIES			
	4 x 4		4 x 8	
Dimensions; ft	4 x 4		4 x 8	
Thickness; in	1/8	1/4	1/8	1/4
Pieces per Pallet	100	60	100	40
Coverage per Pallet; ft ²	1,600	960	3,200	1,280

STORAGE

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