PARABOARD® ACB

Commercial Product Data Sheet

Paraboard ACB is a pre-laminated panel designed for use as the cover board and base sheet layers in a multi-ply modified bitumen roofing system. Paraboard ACB contains a fiberglass reinforced SBS modified bitumen base sheet pre-laminated to an asphaltic cover board panel.

Contact Siplast for information on approved product uses.

USES:
COVERBOARDS

Standards	CSA A123.23-15 Type A, Grade 3 CSA A123.25-18
Board Size	3 ft x 5 ft (914 mm x 1524 mm)
Thickness of Asphaltic Board	3/16 in (4.5 mm)
Total Thickness	0.28 In (7.2 mm)

PRODUCT INFORMATION

Application

Refer to the applicable Siplast Technical Guide for detailed application information. Paraboard ACB is lapped 3.5 inches (90 mm) side and end.

Storage and Handling

All Siplast insulation roofing products should be stored on a clean, flat surface at least 4 inches above the ground. Upon delivery, the factory packaging should be removed or slit on all four vertical sides to allow for ventilation and to prevent the accumulation of condensation. All roofing products should be stored in a dry, well-ventilated place out of direct exposure to the elements when storing for more than 14 days prior to installation. Material should be carefully coordinated with the schedule for roofing operations to minimize job site storage time. DO NOT STACK PALLETS IN STORAGE. Pallets should be covered with a breathable, waterproof covering and stored on a finished surface rather than on dirt or grass to avoid upward evaporation/transpiration of moisture.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging

Pallet: 48
Boards Per Pallet: 67
Minimum Weight: 1990 lb (902 kg)

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Customer Service in North America 1.800.922.8800 www.siplast.com

PARABOARD ACB
Physical and Mechanical Properties

siplast® With you every step of the way

CANADIAN TEST STANDARDS

Property (as Manufactured)		CAS A123.23 Requirement	Test Performance			
Thickness, min. – mm (mils)		2.0 (80)	2.5 (98)			
*Selvage Thickness, min. – mm (mils)		2.0 (80)	2.0 (78)			
Mass Per Unit Area, min – kg/m^2 (lbs/100 ft^2)		2.2 (45)	3.0 (61)			
Back Surface Coating Thickness, min. – mm (mils)		1.0 (40)	1.0 (40)			
			Before Heat Conditioning MD/XD		After Heat Conditioning MD/XD	
Strain Energy (Before After Heat Conditioning)	@ 23 ± 2°C (73.4 ± 3.6°F)	See Tested Value	1.3 (7.4)	1.2 (6.9)	0.5 (2.9)	0.5 (2.9)
	@ -18 ± 2°C (-0.4 ± 3.6°F)		0.6 (3.4)	0.5 (2.9)	0.5 (2.9)	0.4 (2.3)
Peak Load (Before and After Heat Conditioning)	@ 23 ± 2°C (73.4 ± 3.6°F)	5.3 (30)	9.5 (54)	7.7 (44)	10.3 (59)	8.7 (49)
	@ -18 ± 2°C (-0.4 ± 3.6°F)	5.3 (30)	15.9 (91)	14.5 (83)	14.3 (81)	14.6 (83)
Elongation @ Peak Load (Before and After Heat Conditioning)	@ 23 ± 2°C (73.4 ± 3.6°F)	2	5	5	5	4
	@ -18 ± 2°C (-0.4 ± 3.6°F)	1	5	5	5	5
Ultimate Elongation @ 23 ± 2°C (73.4 ± 3.6°F), %		3	85	97	29	32
Dimensional Stability, max., %		0.5	0.0	0.0	0.0	0.0
Low Temperature Flexibility, max. – °C (°F)		-18 (-0.4)	-18 (-0.4)	-18 (-0.4)	-18 (-0.4)	-18 (-0.4)
Low Temperature Weathered Flexibility , max. – °C (°F)		N/A	N/A			
Compound Stability, min. – °C (°F)		91 (195)	91 (195)	91 (195)	91 (195)	91 (195)
Resistance to Puncture		N/A	N/A			
Granule Loss (Grade 1 only), max. – g (oz)		N/A	N/A			

Data is based upon typical product performance and is subject to normal manufacturing and packaging tolerance and variation.
*Measured on the selvage edge excluding the granule surfacing.

Property (as Manufactured)	Units	CAS A123.25 Requirement	Test Performance
Thickness tolerance (maximum)	mm	8	Pass
Length and width tolerance maximum)	mm	6	Pass
Squareness tolerance (maximum)	mm	1	Pass
Straightness tolerance (maximum)	mm	2	Pass
Dimensional Stability (maximum)	%	1	<0.1
Plastic Flow (maximum):	mm	2.5	<2.5
Asphalt Content, w/w (minimum)	%	20	>60
Peak Load @ 23°C (73.4 °F) MD (minimum):	N	350	>1000
Water absorption	%	N/A	N/A

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