Protectobase™ 180

MEMBRANE AND COVER BOARD COMPOSITE PANEL

STOCK#

FILM – 0920002, SANDED – 0920003

BOARDS PER PALLET: **65**

PALLET SIZE: **104 cm x 244 cm**

(41 in x 96 in)*

BOARD LENGTH: **2.4 m (8 ft)**

BOARD WIDTH: **915 mm (36 in)**

AREA: **2.23 m² (24 ft²)**

TOTAL THICKNESS: **7.0 mm**

MEMBRANE THICKNESS :

2.2 mm (87 mils)

SELVAGE: **90 mm (3.5 in)**

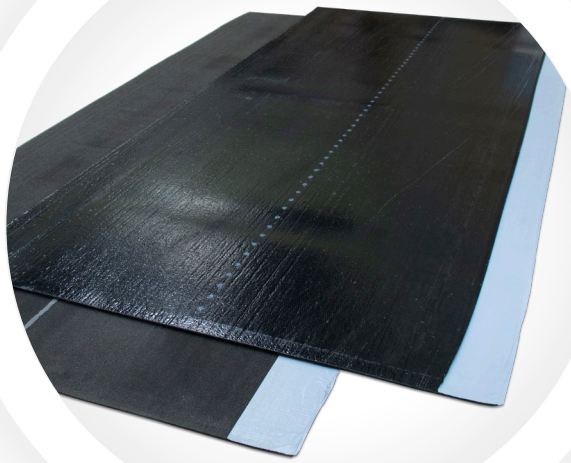
* The loading and unloading at the receiver's end must be done with minimum 6 ft fork extension (Note: extensions shorter than 6 ft may cause a safety issue)

Note: All reported values are nominal.

- EASY TO INSTALL
- DURABLE

IKO COMMERCIAL®

Specify *with* Confidence.



Easy to install and reinforced for extra protection, let IKO's Protectobase 180, Specialty Cover Board go to work for your next commercial roofing project.

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Reinforced for Extra Durability

Protectobase 180 is a composite of IKO Protectoboard, a mineral fortified asphalt core board that is factory laminated to an SBS modified bitumen base sheet. The base sheet is constructed with a tough non-woven reinforced polyester mat strengthened with select glass fiber strands.

Composite Layered

The bottom surface of the product is our standard Protectoboard finish and the top surface is available in a light micro-perforated film which permits heat fusing of an IKO SBS modified bitumen cap sheet and a sand covered version to allow application via mopping or an IKO approved cold process adhesive.

Dual Selvage, Easy Installation

The base sheet of Protectobase 180 includes a dual selvage self-adhering SBS sidelap that is staggered from the product (1" end lap and 3.5" side lap) to allow easy joining of the base to adjacent Protectobase 180 boards. This allows for a quick application of a roofing system's base layer and coverboard all in one.

Superior Strength

The high compressive strength of the Protectoboard along with the factory application of the base sheet ensures a fast and reliable method of installing the overlay board and the water proofing base layer in one step.

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Protectobase 180 satisfies the requirements of CSA A123.23, Type B, Grade 3.

ISO 9001 - 2015 REGISTERED FACILITY

Please contact your IKO Technical Representative for specific slope requirements.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL PERFORMANCE
Strain Energy, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	CSA A123.23	> 5.5 (> 31)
Strain Energy, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	CSA A123.23	> 3.0 (> 17)
Peak Load, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	> 8.2 (> 46)
Peak Load, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	> 9.0 (> 52)
Elongation at Peak Load, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 27
Elongation at Peak Load, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 19
Ultimate Elongation, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 39
Mass Per Unit Area:	g/m² (lb/ft²)	CSA A123.23	ASTM D5147	2600 (0.53)
Dimensional Stability:	%	CSA A123.23	ASTM D5147	< 1.0
Low Temperature Flexibility:	°C (°F)	CSA A123.23	ASTM D5147	< -18 (< 0.4)
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	> 102 (> 215)
Resistance to Puncture:	-	CSA A123.23	CSA A123.23	pass

