



STOCK NO. 092000X

JULY, 2016

**PROTECTOBASE 180**

Protectobase 180 is a composite of our mineral fortified asphalt core board, Protectoboard, factory laminated to a SBS modified bitumen polyester reinforced base sheets. The bottom surface is our Protectoboard finish and the top surface is a light thermofusible plastic for heat fusing our SBS modified bitumen cap sheet. The base sheet is furnished with a dual selvage self-adhering SBS sidelap and is staggered from the Protectoboard (1" end lap and 3.5" side lap) to allow easy joining of the base to adjacent Protectobase 180 boards for a quick application of a roofing system's base layer. The high compressive strength of the Protectoboard plus the factory application of the base makes for a fast and reliable method of installing the overlay board and the water proofing base layer in one step. IKO's roofing products are produced and designed with consideration for environmental responsibility and sustainability, incorporating quality recycled components whenever possible, manufactured in facilities that comply with the most stringent government environmental regulations, and can therefore be a part of any "green" construction project.

CHARACTERISTIC	UNITS	NOMINAL VALUE	SPECIFICATION	TEST METHOD**	STANDARD LIMITS
SHEETS PER PALLET	1/8": 3/16":	85 65	-	-	N/A
PALLET SIZE***:	cm (in)	104 x 244 (41 x 96)	-	-	-
BOARD LENGTH:	m (ft)	2.4 (8)	-	-	± 1%
BOARD WIDTH:	mm (in)	915 (36)	-	-	± 3 (1/8)
COVERAGE:	m <sup>2</sup> (ft <sup>2</sup> )	2.23 (24)	-	-	N/A
TOTAL THICKNESS	1/8": 3/16":	5.4 (.21) 7.0 (.28)	-	-	±1.0 (0.04)
TOTAL WEIGHT	1/8": 3/16":	18.9 (41.6) 24.7 (54.5)	-	-	+1.1 (2.4)
MEMBRANE THICKNESS:	mm (mils)	2.2 (87)	-	-	±0.4 (16.0)
SELVAGE WIDTH:	mm (in)	90 (3.5)	-	-	± 5 (1/4)
COLD FLEX (MEMBRANE):	°C (°F)	-30 (-22)	ASTM D6164	ASTM D5147	MIN: -18 (0)
TENSILE STRENGTH (MEMBRANE)	MD: XD:	16 (91) 13 (74)	ASTM D6164	ASTM D5147	MIN: 8.8 (50)
ULTIMATE ELONGATION (MEMBRANE)	MD: XD:	60 70	ASTM D6164	ASTM D5147	MIN: 38
TEAR STRENGTH (MEMBRANE)	MD: XD:	74 (17) 81 (18)	CGSB-37.56-M	CGSB-37.56-M	MIN: 20 (4.5)*
WATER ABSORPTION:	%	2.0		DSM #90.90.60	MAX: 5.0

\* CGSB-37.56-M revision, 9th draft, dated January, 1997.

\*\* Although both ASTM and CGSB may have requirements for a particular test, only the more stringent is indicated.

\*\*\* Loading and unloading at the receivers end must be done with minimum 6' fork extensions. (NOTE any extensions shorter than 6' may cause a safety issue).

The information on this Technical Data sheet is based upon data considered to be true and accurate, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.