



STOCK NO. 7920000

JULY, 2016

ARMOURBOND 180

Armourbond 180 incorporates a non-woven reinforced polyester mat that is coated and impregnated with SBS modified bitumen to provide an excellent base for the application of a heat-welded cap sheet. Produced to a thickness of approximately 3.0 mm (118 mils), a thin micro-perf film covers the top surface while the self-adhering underside is covered by a removable silicone treated release film. Use Armourbond 180 when a tough, thick base sheet is needed to adhere to flame-sensitive substrates. This product will easily satisfy the requirements of CGSB-37.56-M for Class P, Type 2, Grade 2 materials as well as the requirements of ASTM D6164 for Type I, Grade S materials. 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
ROLLS PER PALLET:	-	35	-	-	N/A
PALLET SIZE:	cm (in)	132 x 112 (52 x 44)	-	-	-
LENGTH:	m (ft)	10 (32.8)	-	-	± 1%
WIDTH:	mm (in)	1005 (39.6)	-	-	± 6 (1/4)
WEIGHT:	kgs (lbs)	34 (75)	-	-	-
AREA:	m ² (ft ²)	10 (108)	-	-	-
THICKNESS:	mm (mils)	3.0 (118)	-	-	± 0.4 (16)
COLD FLEX:	°C (°F)	PASS	ASTM D6164	ASTM D5147	MIN: -18 (0)
STRAIN ENERGY @ 23°C	MD: XD:	8.1 8.8	CGSB-37.56-M	CGSB-37.56-M	MIN: 5.5*
TENSILE STRENGTH	MD: XD:	16 (91) 13 (74)	ASTM D6164	ASTM D5147	MIN: 8.8 (50)
ULTIMATE ELONGATION	MD: XD:	60 70	ASTM D6164	ASTM D5147	MIN: 35
TEAR STRENGTH	MD: XD:	74 (17) 81 (18)	CGSB-37.56-M	CGSB-37.56-M	MIN: 20 (4.5)*
TENSILE-TEAR	MD: XD:	377 (85) 511 (115)	ASTM D6164	ASTM D5147	MIN: 246 (55)
LAP STRENGTH (5D @ 23°C)	MD: XD:	23 (131) 23 (131)	CGSB-37.56-M	CGSB-37.56-M	MIN: 4 (23)*
STATIC PUNCTURE:	N (lbf)	PASS	CGSB-37.56-M	CGSB-37.56-M	≥ 150 (34)*

* 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.

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.