TECHNICAL DATA SHEET - RCABC

ISO 9001 - 2008 REGISTERED FACILITY

STOCK NO.: 7930000 **JULY, 2016**

ARMOURBRIDGE/PONT

This product is reinforced with a tough non-woven polyester mat which has been strengthened with glass fiber strands. It is then coated and impregnated with Modiflex SBS Modified Bitumen to a superior thickness of approximately 5.5 mm (217 mils). Ceramic coloured granules are embedded in the surface to provide protection against abrasion and work traffic, and a light poly-film is bonded to the underside (which disappears upon heat-welding). ArmourBridge/Pont is specifically designed for bridge deck waterproofing, but can also be used in any heat welded waterproofing membrane application where a rugged, premium membrane is required. This product will easily satisfy the requirements of CGSB-37.56-M for Class G, Type 2, Grade 2 materials as well as the requirements of ASTM D6164 for Type I, Grade G 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	TYPICAL VALUE	SPECIFICATION	STANDARD LIMITS	TEST METHOD**
ROLLS PER PALLET:		-	24	-	-	N/A
PALLET SIZE:		cm (in)	132 x 112 (52 x 44)	-	-	-
LENGTH:		m (ft)	8 (26.2)	-	± 1%	-
WIDTH:		mm (in)	1005 (39.6)	-	± 6 (1/4)	-
WEIGHT:		kgs (lbs)	52.2 (115)	-	-	-
AREA:		m^2 (ft^2)	8 (86.1)	-	-	-
THICKNESS:		mm (mils)	5.5 (217)	-	± 0.4 (16)	-
SELVAGE:		mm (in)	90 (3.5)	-	±5 (1/4)	-
COLD FLEX:		°C (°F)	-30 (-22)	ASTM D6164	MIN: -18 (0)	ASTM D5147
STRAIN ENERGY @ 23°	**MD:** **XD:**	kN/m	8.1 8.8	CGSB-37.56-M	MIN: 5.5*	CGSB-37.56-M
TENSILE STRENGTH	**MD:** **XD:**	kN/m (lbf/in)	16 (91) 13 (74)	ASTM D6164	MIN: 8.8 (50)	ASTM D5147
ULTIMATE ELONGATION	**MD:** **XD:**	%	60 70	ASTM D6164	MIN: 35	ASTM D5147
TEAR STRENGTH	**MD:** **XD:**	N (lbf)	74 (17) 81 (18)	CGSB-37.56-M	MIN: 20 (4.5)*	CGSB-37.56-M
TENSILE-TEAR	**MD:** **XD:**	N (lbf)	377 (85) 511 (115)	ASTM D6164	MIN: 246 (55)	ASTM D5147
LAP STRENGTH (5D@23°C)	**MD:** **XD:**	kN/m (lbf/in)	23 (131) 23 (131)	CGSB-37.56-M	MIN: 4 (23)*	CGSB-37.56-M
GRANULE LOSS:		g	0.4	ASTM D6164	MAX: 2.0	ASTM D5147
STATIC PUNCTURE:		N (lbf)	>300 (67)	CGSB-37.56-M	≥ 150 (34)*	CGSB-37.56-M

* 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.