

TECHNICAL DATA SHEET - RCABC

ISO 9001 - 2008 REGISTERED FACILITY

STOCK NO. 7730091

JULY, 2016

MODIFLEX MP-180-FS-BASE (3.0mm)

Modiflex Modiflex MP-180-FS-Base (3.0 mm) is constructed using a reinforcing mat of durable non-woven reinforced polyester, which is coated and impregnated with SBS modified bitumen. The surface is covered with a thin poly-film, which disappears upon heat welding, while the underside is sanded to allow installation via mopping asphalt or an IKO-approved cold process adhesive. Modiflex MP-180-FS-Base (3.0 mm) can be used as the "lay-flat" base sheet in a layered membrane construction system. This product will easily satisfy the requirements of CGSB-37.56-M for Class P, Type 2, and Grade 2 materials as well as the requirements of ASTM 06164 for Type I, Grade S materials. IKO's 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:		-	32	-	-	-
PALLET SIZE:		in	132X119	-	-	-
ROLL WEIGHT:		kgs (lbs)	34,5 (76)	-	-	*
LENGTH:		m (ft)	10 (32,8)	-	-	±1%
WIDTH:		mm (in)	1 005 (39,6)	-	-	±6 (1/4)
WEIGHT:		kgs (lbs)	33.1 (73)			
AREA:		m² (ft²)	10 (108)	-	-	-
THICKNESS:		mm (mils)	3.0 (118)	-	-	±0,4 (16)
LINESE:		mm (in)	505 (39.9)	-	-	±5 (1/4)
COLD FLEX:		°C (°F)	-30 (-22)	ASTM D6164	ASTM D5147	MIN: - 18 (0)
STRAIN ENERGY @23°C	MD: XD:	kN/m	8.1 8.8	CGSB-37.56-M	CGSB-37.56-M	MIN: 5,5*
TENSILE STRENGTH	MD: XD:	kN/m (lbf/in)	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 STRENGHT	MD: XD:	N (lbf)	74 (17) 81 (18)	CGSB-37.56-M	CGSB-37.56-M	MIN: 20 (4,5)*
TENSILE TEAR	MD: XD:	N (lbf)	377 (85) 511 (115)	ASTM D6164	ASTM D5147	MIN: 246 (55)
LAP STRENGTH (5J@23°C)	MD: XD:	kN/m (lbf/in)	23 (131) 23 (131)	CGSB-37.56-M	CGSB-37.56-M	MIN: 4 (23)*
STATIC PUNCTURE:		N (lbf)	>300 (67)	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.