STOCK NO. 7730097 **JULY, 2016**

MODIFLEX HD-FS-BASE

Modiflex HD-FS-Base is constructed using a reinforcing mat of durable non-woven reinforced composite polyester which has been strengthened with a glass fiber scrim in both machine and cross directions., This mat is impregnated and coated top and bottom with our select polymer blend of SBS modified bitumen. Modiflex HD-FS-Base can be used as the "lay-flat" base sheet in a layered membrane construction system. The top 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. This product will easily satisfy the requirements of CGSB-37.56-M as well as the requirements of ASTM D6162 Type I, Grade S. 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:		-	32	-	-	-
PALLET SIZE:		in	132 x 112 (52 x 44)	-	-	-
LENGTH:		m (ft)	15 (49)	-	-	± 1%
WIDTH:		mm (in)	1005 (39.6)	-	-	± 6 (1/4)
WEIGHT:		kgs (lbs)	41 (90.4)	-	-	-
THICKNESS:		mm (mils)	2.2 (87)	-	-	± 0.4 (16)
LINES:		mm (in)	90 (3.5) 505 (19.9)	-	-	± 5 (1/4)
COLD FLEX:		°C (°F)	PASS	ASTM D6162	ASTM D5147	MIN: -18 (0)
STRAIN ENERGY @ 23°C	**MD:** **XD:**	kN/m	7.3 6.6	CGSB-37.56-M	CGSB-37.56-M	MIN: 5.5*
TENSILE STRENGTH	**MD:** **XD:**	kN/m	20.4 15.6	ASTM D6162	ASTM D5147	MIN: 13.1
ULTIMATE ELONGATION	**MD:** **XD:**	%	76.3 83.4	ASTM D6162	ASTM D5147	MIN: 26
TEAR STRENGTH	**MD:** **XD:**	N	71 69	CGSB-37.56-M	CGSB-37.56-M	MIN: 20*
LAP STRENGTH (5D @ 23°C):		kN/m	12	CGSB-37.56-M	CGSB-37.56-M	MIN: 4*
STATIC PUNCTURE:		N	PASS	CGSB-37.56-M	CGSB-37.56-M	≥ 150*

* 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.

See also Material Information Sheet – MIS # 1224 Brampton and 1724 Sumas