



STOCK NO. 7780XXX

JULY, 2016

TORCHFLEX TP-HD-CAP

This product is reinforced with a tough non-woven composite polyester mat which has been strengthened with a glass fiber scrim in both machine and cross directions. The mat is fully permeated with asphalt and then coated top and bottom with our select polymer blend of SBS to a finished thickness of 4 mm. Ceramic, mineral granules are embedded in the surface to provide protection against ultraviolet radiation, and a light poly-film is bonded to the underside (which disappears upon heat-welding). This product is meant to complete the top surface of a 2 ply SBS modified bitumen roofing system. The composite reinforcement imparts tremendous strength and shock absorbing properties to the membrane as well as excellent dimensional stability both before and after application. This product meets the manufacturing properties as dictated by CGSB 37GP-56M and ASTM D6162 Type I, Grade G. 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	-	-	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)	39.2 (86.4)	-	-	-
THICKNESS:	mm (mils)	4.0 (158)	-	-	± 0.4 (16)
COLD FLEX:	°C (°F)	PASS	ASTM D6162	ASTM D5147	MIN: -18 (0)
STRAIN ENERGY @ 23°C	MD: XD:	7.3 6.6	CGSB-37.56-M	CGSB-37.56-M	MIN: 5.5*
TENSILE STRENGTH	MD: XD:	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:	71 69	CGSB-37.56-M	CGSB-37.56-M	MIN: 20*
LAP STRENGTH (5D @ 23°C)		12	CGSB-37.56-M	CGSB-37.56-M	MIN: 4*
GRANULE LOSS:	g	0.26	ASTM D6162	ASTM D5147	MAX: 2.0
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.

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