



**STOCK NO. 7640XXX**

**JULY, 2016**

**TORCHFLEX TP-250-CAP (5.0)**

This product is reinforced with a tough non-woven reinforced polyester mat, which has been strengthened with selected glass fiber strands. It is then coated and impregnated with SBS modified bitumen. Colored ceramic 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). TP-250-Cap (5.0) can be used as the top ply in a B.U.R. system or the top ply in a two-ply modified system. This product will easily satisfy the requirements of CGSB-37.56-M for Class G, Type 2, and Grade 2 materials as well as the requirements of ASTM D6164 for Type II, Grade G materials. IKO's products are produced and designed with consideration for environmental responsibility and sustainability, 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
<b>ROLLS PER PALLET:</b>	-	30	-	-	N/A
<b>PALLET SIZE:</b>	cm (in)	132 x 112 (52 x 44)	-	-	-
<b>LENGTH:</b>	m (ft)	8 (26.2)	-	-	± 1%
<b>WIDTH:</b>	mm (in)	1005 (39.6)	-	-	± 6 (1/4)
<b>WEIGHT:</b>	kgs (lbs)	46.7 (103)	-	-	-
<b>AREA:</b>	m <sup>2</sup> (ft <sup>2</sup> )	8 (86)	-	-	-
<b>THICKNESS:</b>	mm (mils)	5.0 (197)	-	-	± 0.4 (16)
<b>SELVAGE:</b>	mm (in)	90 (3.5)	-	-	± 5 (1/4)
<b>COLD FLEX:</b>	°C (°F)	-30 (-22)	ASTM D6164	ASTM D5147	MIN: -18 (0)
<b>STRAIN ENERGY @ 23°C</b>	<b>MD:</b> <b>XD:</b>	11.0 11.4	CGSB-37.56-M	CGSB-37.56-M	MIN: 5.5*
<b>TENSILE STRENGTH</b>	<b>MD:</b> <b>XD:</b>	20(114) 21 (126)	ASTM D6164	ASTM D5147	MIN: 17.5 (100)
<b>ULTIMATE ELONGATION</b>	<b>MD:</b> <b>XD:</b>	63 73	ASTM D6164	ASTM D5147	MIN: 60
<b>TEAR STRENGTH</b>	<b>MD:</b> <b>XD:</b>	80 (18) 90 (20)	CGSB-37.56-M	CGSB-37.56-M	MIN: 20 (4.5)*
<b>TENSILE-TEAR</b>	<b>MD:</b> <b>XD:</b>	551 (124) 546 (123)	ASTM D6164	ASTM D5147	MIN: 311 (70)
<b>LAP STRENGTH (5D @ 23°C)</b>	<b>MD:</b> <b>XD:</b>	34 (194) 34 (194)	CGSB-37.56-M	CGSB-37.56-M	MIN: 4 (23)*
<b>GRANULE LOSS:</b>	g	0.4	ASTM D6164	ASTM D5147	MAX: 2.0
<b>STATIC PUNCTURE:</b>	N (lbf)	> 400 (90)	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.