



STOCK NO. 7701XXX

JULY, 2016

## PREVENT TP 180

Prevent TP 180 is constructed using a reinforcing mat of durable non-woven reinforced polyester, which is coated and impregnated with SBS modified bitumen. Specially formulated for excellent fire resistance, its colored ceramic mineral granules cover the surface to provide superior protection against ultraviolet rays, while the underside is covered with a thin poly-film, which disappears upon torch welding. Prevent TP 180 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 I, Grade G materials. It also qualifies for a Class A rating in accordance with CAN/ULC S107M and UL790 test protocols. Please contact your IKO Technical Representative for specific slope requirements. 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	-	-	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)	39.8 (87.7)	-	-	-
THICKNESS:		mm (mils)	4.0 (158)	-	-	± 0.4 (16)
SELVAGE:		mm (in)	90 (3.5)	-	-	± 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 STRENGTH	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 (5D @ 23°C)	MD: XD:	kN/m (lbf/in)	23 (131) 23 (131)	CGSB-37.56-M	CGSB-37.56-M	MIN: 4 (23)*
GRANULE LOSS:		g	0.4	ASTM D6164	ASTM D5147	MAX: 2.0
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 have requirements for a particular test, only the more stringent is indicated.

*The information on this Technical Data sheet is based upon data considered to be true and accurate, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.*