



# IKO TECHNICAL DATA SHEET

STOCK NO. 7750001

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## Torchflex TF-95-FF-Base (2.2mm)

Torchflex TF-95-FF-Base (2.2mm) is constructed using an inorganic reinforcing mat of high strength non-woven glass fibers coated top and bottom with SBS polymers and premium asphalt. Torchflex TF-95-FF-Base (2.2mm) can be used as the “lay-flat” base sheet in a layered membrane construction system. Both surfaces of the product are covered with a thin micro-perforated film. The top film will melt during application of the heat-welded cap sheet, while the bottom disappears upon heat welding to the substrate. This product meets the requirements of CSA A123.23 Type A Grade 3.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	32
Length:	m (ft)	-	-	15 (49)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	2.2 (87)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.14 (84.3)
Mass Per Unit Area:	kg/m <sup>2</sup> (lb/100ft <sup>2</sup> )	CSA A123.23	ASTM D5147	2.97 (60.9)
Back Surface Coating Thickness:	mm (mils)	CSA A123.23	ASTM D5147	1.04 (40.9)
Strain Energy, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	3.76/2.82 (21.5/16.1) 2.04/1.40 (11.6/7.99)
Strain Energy, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	1.22/1.20 (6.97/6.85) 2.12/1.85 (12.1/10.6)
Peak Load, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	14.9/9.40 (84.8/53.7) 17.7/10.4 (101/59.5)
Peak Load, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	26.2/23.8 (167/136) 27.7/21.0 (158/120)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	4.33/3.33 4.00/3.00
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	6.43/6.61 6.00/6.50
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	38.8/39.3 13.9/16.3
Low Temperature Flexibility @ -18 °C MD/XD: Before heat conditioning After heat conditioning	°C	CSA A123.23	ASTM D5147	-18/-18 -18/-18
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	-0.16/-0.08
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	91

IKO's products adhere to the industry standards of the jurisdiction in which they are sold by IKO. Numerical testing scores listed herein, if any, relate only to the samples tested and the standards & procedures listed herein. IKO does not guarantee that every IKO product will, upon similar testing, reveal an identical score to those set forth herein. IKO does not accept responsibility for any matters arising or consequences from the use of numerical testing scores.

Rev 01