TECHNICAL DATA SHEET

STOCK NO. 7750001 **DEC, 2023**

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^2 (lb/100ft^2)	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