

Torchflex TF-95-SF-Base (3.0mm)

Torchflex TF-95-SF-Base (3.0 mm) is constructed using an inorganic reinforcing mat of high strength non-woven glass fibers, coated top and bottom with select SBS polymers and premium asphalt to an approximate thickness of 3.0 mm (118 mils). Torchflex TF-95-SF-Base (3.0 mm)'s top surface is sanded to prevent sticking in the roll during application and to allow cap sheets to be installed via mopping asphalt or an IKO-approved cold process adhesive. Torchflex TF-95-SF-Base (3.0 mm) can be used as the "lay-flat" base sheet in a layered membrane construction system. This product meets CSA A123.23 Type A Grade 3.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	32
Length:	m (ft)	-	-	10 (32.8)
Width:	mm (in)	-	-	1000 (39.4)
Thickness:	mm (mils)	-	-	3.0 (118)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.64 (104)
Mass Per Unit Area:	kg/m ² (lb/100ft ²)	CSA A123.23	ASTM D5147	4.17 (85.5)
Back Surface Coating Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.11 (83.1)
Strain Energy, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	23.7/17.0 (135/97.1) 7.41/3.62 (42.3/20.7)
Strain Energy, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	25.9/15.2 (148/86.8) 19.2/18.3 (110/104)
Peak Load, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	20.0/13.3 (114/76.1) 16.6/12.2 (94.8/69.5)
Peak Load, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	29.4/18.4 (168/105) 26.3/17.2 (150/98.4)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	49.0/51.7 40.0/53.0
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	51.0/44.0 9.50/9.50
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	50.7/57.4 45.0/63.0
Low Temperature Flexibility 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	0.31/-0.15
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	91

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