

Modiflex MF-95-FS-Base

Modiflex MF-95-FS-Base Fully Adhered Base Sheet is constructed using an inorganic reinforcing mat of high strength non-woven glass fibers. The Modiflex MF-95-FS-Base mat is coated top and bottom with select SBS polymers and premium asphalt. The top surface of this base sheet is covered with a thin micro-perforated film, which disappears upon heat welding. The underside is sanded to allow installation via mopping asphalt or an IKO-approved cold process adhesive. 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)	-	-	1000 (39.4)
Thickness:	mm (mils)	-	-	2.2 (87)
Selva Width:	mm (in)	-	-	90 (3.5)
Selva Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.10 (114)
Mass Per Unit Area:	kg/m ² (lb/100ft ²)	CSA A123.23	ASTM D5147	2.75 (69.4)
Strain Energy, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	2.20/1.88(12.6/10.7)
After heat conditioning				2.08/1.71(11.9/9.76)
Strain Energy, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	1.68/1.95 (9.59/11.1)
After heat conditioning				1.69/1.66 (9.65/9.45)
Peak Load, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	12.7/9.09 (72.4/51.9)
After heat conditioning				16.1/10.8 (91.7/61.7)
Peak Load, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	18.9/17.3(108/98.9)
After heat conditioning				25.0/20.8 (143/119)
Elongation @ Peak Load @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	3.67/3.33
After heat conditioning				4.00/3.33
Elongation @ Peak Load @ -18 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	6.00/6.00
After heat conditioning				5.00/5.50
Ultimate Elongation @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	21.8/25.3
After heat conditioning				12.2/14.2
Low Temperature Flexibility MD/XD:				
Before heat conditioning	°C	CSA A123.23	ASTM D5147	-18/-18
After heat conditioning				-18/-18
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	0.00/0.08
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	91
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass

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