TECHNICAL DATA SHEET

STOCK NO. 7530XXX **DEC, 2023**

Modiflex MP-250-Cap

Modiflex MP-250-Cap Sheet is constructed with a tough non-woven reinforced polyester mat strengthened with select glass fiber strands. Modiflex MP-250-Cap is coated top and bottom with select SBS polymers and premium asphalt. Ceramic coated mineral granules are embedded in the surface of the product to provide superior protection against ultraviolet radiation, while the underside is sanded to allow installation via mopping asphalt or an IKO-approved cold process adhesive. Modiflex MP-250-Cap is an excellent choice for either the protective cap in a BUR system or the top ply in a two-ply modified system. This product meets the requirements of CSA A123.23 Type B Grade 1.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	30
Length:	m (ft)	-	-	10 (32.8)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	3.8 (150)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.74 (108)
Mass Per Unit Area:	kg/m^2 (lb/100ft^2)	CSA A123.23	ASTM D5147	4.63 (94.9)
Strain Energy, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	31.2/17.4 (178/99.4) 32.3/18.9 (184/108)
Strain Energy, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	29.7/17.7 (170/101) 25.4/17.9 (145/102)
Peak Load, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	26.3/14.2 (150/81.3) 28.4/17.9 (162/102)
Peak Load, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	34.5/20.8 (197/119) 28.5/20.5 (163/117)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	51.3/61.7 47.0/45.0
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	52.5/53.5 49.0/47.5
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	53.4/69.8 48.2/49.0
Low Temperature Flexibility MD/XD: Before heat conditioning After heat conditioning	°C	CSA A12.23	ASTM D5147	-18/-18 -18/-18
Low Temperature Flexibility after UV Weathering:	°C (°F)	CSA A123.23	ASTM D5147	-12
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	0.05/-0.48
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	102
Granular Embedment	g (oz)	CSA A123.23	ASTM D4977	< 2 (0.0705)
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass