



IKO TECHNICAL DATA SHEET

STOCK NO. 7920012

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Armourbond Flash HD

Armourbond Flash HD is composed of a tough composite reinforcement of non-woven polyester strengthened with a glass fiber scrim in both machine and cross directions. It is coated top and bottom with select SBS polymers and premium asphalt to a thickness of approximately 2.5 mm (98 mil). Armourbond Flash HD may be placed in flame-sensitive areas for base flashing details where a heat fused cap flashing will be applied. A thin micro-perforated film covers the top surface of the product, while the self-adhering underside is covered by a removable silicone treated release film. This product meets the requirements of CSA A123.23 Type C Grade 3.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	24
Length:	m (ft)	-	-	15 (49)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	2.5 (98)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.36 (92.9)
Mass Per Unit Area:	kg/m ² (lb/100ft ²)	CSA A123.23	ASTM D5147	2.79 (57.2)
Strain Energy, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	43.0/38.9 (246/222) 41.0/14.5 (234/82.8)
Strain Energy, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	28.1/20.3 (160/116) 25.6/20.7 (146/118)
Peak Load, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	18.0/14.1 (103/80.5) 17.9/14.8 (102/84.5)
Peak Load, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	18.9/21.2 (108/121) 19.3/17.0 (110/97.2)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	63.8/70.3 49.2/58.8
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	53.7/63.8 37.9/61.9
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	69.5/75.3 54.1/61.2
Low Temperature Flexibility MD/XD: Before heat conditioning After heat conditioning	°C	CSA A12.23	ASTM D5147	-18/-18 -18/-18
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	0.45/-0.45
Compound Stability:	°C	CSA A123.23	ASTM D5147	91
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass

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