



# IKO TECHNICAL DATA SHEET

STOCK NO. 7920010

MAY, 2023

## Armourbond Flash

Armourbond Flash incorporates a tough non-woven reinforced polyester mat strengthened with select glass fiber strands. The mat is coated top and bottom with select SBS polymers and premium asphalt to a thickness of approximately 2.5 mm (98 mils). Armourbond Flash may be placed in flame-sensitive areas for base flashing details where a heat fused cap flashing will be used. 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 B Grade 3.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	30
Length:	m (ft)	-	-	15 (49)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	2.5 (158)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.2 (86.6)
Mass Per Unit Area:	kg/m <sup>2</sup> (lb/100ft <sup>2</sup> )	CSA A123.23	ASTM D5147	2.79 (5.72)
Strain Energy, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	12.7/12.4 (72.5/70.8)
After heat conditioning				9.89/8.52 (56.5/48.7)
Strain Energy, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	13.3/10.2 (75.9/58.2)
After heat conditioning				9.89/8.52 (56.5/48.7)
Peak Load, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	10.2/8.14 (58.3/46.5)
After heat conditioning				10.9/8.44 (62.2/48.2)
Peak Load, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	15.5/10.3 (88.3/58.6)
After heat conditioning				12.4/8.65 (70.7/49.4)
Elongation @ Peak Load @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	48.0/60.7
After heat conditioning				40.3/51.7
Elongation @ Peak Load @ -18 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	50.0/61.0
After heat conditioning				33.0/53.5
Ultimate Elongation @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	53.4/111
After heat conditioning				49.4/60.7
Low Temperature Flexibility MD/XD:				
Before heat conditioning	°C	CSA A12.23	ASTM D5147	-18/-18
After heat conditioning				-18/-18
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	-0.40/0.49
Compound Stability:	°C	CSA A123.23	ASTM D5147	102
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass

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