



IKO TECHNICAL DATA SHEET

STOCK NO. 7920023

JUL, 2023

Armourbond Flash Sand

Armourbond Flash Sand is composed of a tough non-woven reinforced polyester mat strengthened with select glass fiber strands. It is coated top and bottom with select SBS polymers and premium asphalt to a thickness of approximately 2.5 mm (98 mils). Armourbond Flash Sand may be placed in flame-sensitive areas for base flashing details where a mopped or cold applied cap flashing will be used. The top surface of the product is sand coated, 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:	-	-	-	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	2.35 (92.5)
Mass Per Unit Area:	kg/m ² (lb/100ft ²)	CSA A123.23	ASTM D5147	2.78 (56.8)
Strain Energy, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	47.2/27.2 (270/155) 24.1/27.7 (138/158)
Strain Energy, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	36.2/24.3 (207/139) 27.0/19.6 (154/112)
Peak Load, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	20.8/15.7 (119/89.8) 16.0/14.0 (91.4/80.2)
Peak Load, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	25.6/20.1 (146/115) 21.2/17.9 (121/102)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	78.7/75.0 23.0/55.0
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	76.5/73.5 66.0/58.0
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	105/77.3 66.2/79.3
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	0.09-0.37
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	102
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass

IKO's products adhere to the industry standards of the jurisdiction in which they are sold by IKO. Numerical testing scores listed herein, if any, relate only to the samples tested and the standards & procedures listed herein. IKO does not guarantee that every IKO product will, upon similar testing, reveal an identical score to those set forth herein. IKO does not accept responsibility for any matters arising or consequences from the use of numerical testing scores.