TECHNICAL DATA SHEET

STOCK NO. 7920024 **OCT, 2023**

Armourbond Flash Sand HD

Armourbond Flash Sand HD incorporates 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 3,0 mm (118 mils). Armourbond Flash Sand HD 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 coated with sand, 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 1.

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)	-	-	3.0 (118)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.65 (104)
Mass Per Unit Area:	kg/m^2 (lb/100ft^2)	CSA A123.23	ASTM D5147	3.08 (63.2)
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	19.0/15.9 (108/90.8) 17.9/13.2 (102/75.4)
Peak Load, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	23.9/18.8 (136/107) 20.9/17.7 (119/101)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	86.0/92.7 75.0/42.0
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	73.4/77.0 64.0/60.0
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	101/95.9 88.3/58.0
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	-0.44/-0.25
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	91
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass