



TECHNICAL DATA SHEET

STOCK NO. 7920101

MAY, 2023

ArmourStick HD-Base

ArmourStick HD-Base self-adhering Base Sheet is a high-performance membrane constructed of a sturdy, nonwoven, reinforced composite mat strengthened with select glass fiber strands and coated with SBS blended polymers and premium asphalt. A split release film covers the top surface of the base sheet, which is removed during installation to reveal a primerless surface for the ArmourStick HD-Cap Sheet to be installed. A silicone-treated release film also covers the underside and is removable during application to create a firm bond with the primed substrate. This product meets the requirements of CSA A123.23 Type C Grade 3.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	35
Length:	m (ft)	-	-	10 (32.8)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	2.5 (98.4)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness	mm (mils)	CSA A123.23	ASTM D5147	2.56 (101)
Mass Per Unit Area	kg/m ² (lb/100ft ²)	CSA A123.23	ASTM D5147	3.13 (64.1)
Strain Energy, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	13.9/18.2 (79.4/104) 7.71/5.61 (44.0/32.0)
Strain Energy, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	13.8/9.63 (78.8/55.0) 7.44/5.30 (42.5/30.3)
Peak Load, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	9.33/8.81 (53.3/50.3) 11.3/7.16 (64.8/40.9)
Peak Load, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	18.7/11.9 (107/68.0) 12.2/8.72 (69.9/49.8)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	43.3/72.7 12.3/16.3
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	42.5/45.0 21.0/25.5
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	111/118 30.6/36.5
Low Temperature Flexibility MD/XD: Before heat conditioning After heat conditioning	°C	CSA A123.23	ASTM D5147	-18/-18 -18/-18
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	0.37/0.13
Compound Stability:	°C	CSA A123.23	ASTM D5147	91
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass

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