TECHNICAL DATA SHEET

STOCK NO. 7920030 **AUG, 2023**

Armourvent Base

Armourvent is an SBS modified bituminous base sheet that features a unique pattern of discontinuous modified bituminous strips, which primarily aids in vapour diffusion of moisture below the membrane. Composed of an inorganic reinforcing mat of high strength non-woven glass fibers coated top and bottom with select SBS polymers and premium asphalt. The top surface of the product is finished with a micro-perforated poly-film to allow heat welding application of the cap sheet and also includes a self-adhesive selvage lap. The patterned bottom surface is self-adhering with a release film. This product meets the requirements of CSA A123.23 Type A Grade 3.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	32
Length:	m (ft)	-	-	12 (39.4)
Width:	mm (in)	-	-	1000 (39.4)
Thickness:	mm (mils)	-	-	2.8 (110)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.13 (83.9)
Mass Per Unit Area:	kg/m^2 (lb/100ft^2)	CSA A123.23	ASTM D5147	2.61 (53.5)
Strain Energy, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	3.45/2.86 (19.7/16.3) 1.79/0.93 (10.2/5.31)
Strain Energy, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	1.81/1.31 (10.3/7.48) 1.75/1.13 (9.99/6.45)
Peak Load, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	10.4/10.1 (59.4/57.4) 16.0/8.88 (91.2/50.7)
Peak Load, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	21.0/13.3 (120/76.0) 22.9/13.7 (131/78.5)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	3.00/3.67 4.67/3.00
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	4.50/3.50 5.50/5.00
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	64.2/59.3 11.0/18.0
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	-0.21/-0.50
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	91
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass