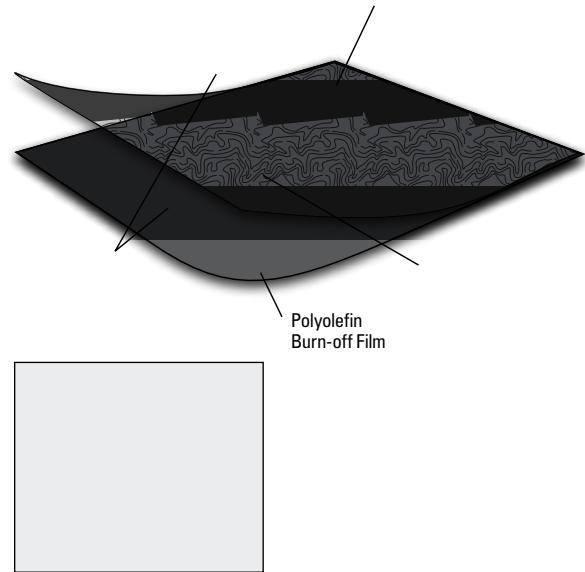


JM APP™ BASE 2.0 SQ

Fiber Glass-Reinforced, APP Base or Ply Sheet

Meets the requirements of ASTM D 6509



Product Application



Heat Weld

- Standard base sheet attachment only. No in-lap fastening methods allowed.
- May be used as a backer ply in two-ply flashing systems.
- Approved cap sheets may be applied to base sheet using cold adhesive application techniques.

Refer to JM APP modified bitumen specifications and detail drawings for application and slope information.

Packaging and Dimensions

Roll Width	39 3/8" (1 m)
Roll Length	65' 7" (20 m)
Roll Coverage*	198.91 ft ² (18.58 m ²)
Roll Weight	101 lb (45.8 kg)

Meets the requirements of ASTM D 6509

Tested Physical Properties

Physical Properties		ASTM Test Method	Standard for ASTM D 6509	JM APP Base 2.0 SQ Results		
				MD*	XMD**	
Strength	Tear Resistance @ 73.4° F	D 4073 /5147	≥ 70 lbf	93 lbf	81 lbf	
	Peak Load @ 0° F	D 5147	≥ 70 lbf/in-width	156 lbf/in-width	125 lbf/in-width	
	Peak Load @ 73.4° F	Unconditioned	D 5147	≥ 50 lbf/in-width	67 lbf/in-width	59 lbf/in-width
		90 day Heat Conditioned	D 5147/5869	≥ 50 lbf/in-width	81 lbf/in-width	58 lbf/in-width
Performance	Low Temp. Flexibility @ 180° F Mandrel (Pass-Fail)	Unconditioned	D 5147	Pass @ 32° F <i>"none of the specimens show cracking"</i>	Pass	Pass
		90 day Heat Conditioned	D 5147/5869		Pass	Pass
	Low Temperature Unrolling (Pass-Fail) Unroll in 4-6s; Visual Inspection in "unrolled" position	D 5636	Pass @ 32° F <i>"none of the specimens show cracking"</i>	Pass	Pass	
	Compound Stability - 2 hr 15 min @ 230° F (Pass-Fail)	D 5147	Pass <i>"no failures showing signs of flowing, dripping, or drop formation"</i>	Pass		
	Thickness	D 5147	≥ 70 mils	75 mils (1.9mm)		
	Bottom Coating Thickness	D 5147	≥ 30 mils	45 mils		
	Water Absorption - water by distillation	D 5147/95	≥ 3.2 %	0.8 %		
	Moisture Content - water by distillation	D 5147/95	≥ 1 %	0.4 %		
	Elongation at Peak Load @ 0° F	D 5147	≥ 1 %	5 %	5 %	
	Elongation at Peak Load at 73.4°F	Unconditioned	D 5147	≥ 2 %	4 %	4 %
90 day Heat Conditioned		D 5147/5869	≥ 2 %	4 %	4 %	
Installation	Dimensional Stability - 24 hr @ 176° F	D 5147/1204	≥ 0.2 %	0.03 %	0.03 %	
	Net Mass per Unit Area	D 146	≥ 40 lb/100 ft ²	47 lb/100 ft ²		

*MD = Machine Direction

**XMD = Cross-Machine Direction

Note: All data represents tested values.