

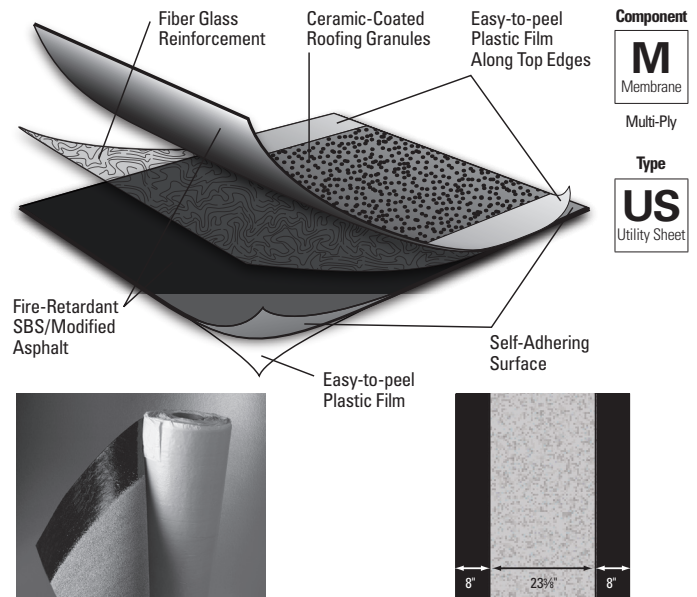
Meets the requirements of ASTM D 6163, Type I, Grade G

### Features and Components

**Ceramic-Coated Roofing Granules:** Specifically engineered for optimal embedment in the SBS-blend sheet. The ceramic coating promotes excellent long-term adhesion.

**High-Quality SBS Rubber and Asphalt Blend:** Provides full recovery properties after 100% elongation and lends elasticity and flexibility to the sheet, and includes fire-retardant additives.

**Fiber Glass Reinforcement Mat:** Offers excellent dimensional stability and tensile strength and withstands differential movement.



**System Compatibility** This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Multi-Ply	BUR		APP		SBS				
	HA	CA	HW	HA	CA	HW	SA	MF	
<i>Compatible with the selected multi-ply systems above</i>									

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
<i>Compatible with the selected single ply systems above</i>										

**Key:** HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

### Energy and the Environment

Test	Initial	3-Year Aged
Reflectivity* (ASTM C 1549)	0.28	0.25
Emissivity* (ASTM C 1371)	0.89	0.92
Solar Reflectance Index* (SRI) - E 1980	29	26
Pre-Consumer Recycled Content	0%	
Post-Consumer Recycled Content	0%	

\*Standard White Granule only

### Peak Advantage® Guarantee Information

Systems	Guarantee Term
When used in most 2-5 ply JM SBS systems.*	Up to 25 years

\*Contact JM Technical Services for specific system requirements for guarantee lengths.

### Installation/Application



Self-Adhered

- Apply in dry weather and when the roll is at least 60°F (16°C) at the time of application
- Laps may be installed using heat-welding techniques
- Refer to JM SBS modified bitumen specifications and detail drawings for application and slope information

#### JM Recommended Substrates:

JM CleanBond SBS Utility Sheet may only be applied over JM CleanBond® Base. For recommended substrates for JM CleanBond® Base, see data sheet for JM CleanBond® Base (RS-4800).

### Packaging and Dimensions

Roll Coverage*	95.8 ft <sup>2</sup> (8.9 m <sup>2</sup> )
Roll Length	32' 10" (10.01 m)
Roll Width	39 3/8" (1 m)
Rolls per Pallet	72 lb (32.7 kg)
Pallet Weight	20
Producing Locations	South Gate, CA

\*Assumes a 4" side lap.



# JM CleanBond® Utility Sheet

Self-Adhering, Fiber Glass-Reinforced,  
Fire-Retardant SBS Sheet

Meets the requirements of ASTM D 6163, Type I, Grade G

## Tested Physical Properties

Physical Properties		ASTM Test Method	Standard for ASTM D 6163, Type 1, Grade G (Min.)	JM CleanBond Utility Sheet	
				MD*	XMD**
Strength	Tensile Tear	D 5147	35 lbf (156 N)	100 lbf (445 N)	90 lbf (400 N)
	Peak Load at 0°F (-18°C)	D 5147	70 lbf/in (12.3 kN/m)	130 lbf/in (22.8 kN/m)	100 lbf/in (17.5 kN/m)
	Peak Load at 73.4°F (23°C)	D 5147	30 lbf/in (5.3 kN/m)	70 lbf/in (12.3 kN/m)	50 lbf/in (8.8 kN/m)
Longevity	Low Temp. Flexibility	Unconditioned	D 5147	0°F (-18°C)	-10°F (-23°C)
		90-Day Heat Conditioned	D 5147	0°F (-18°C)	-10°F (-23°C)
	Compound Stability	D 5147	215°F (102°C)	215°F (102°C)	
	Granule Loss	D 4977	2 g (0.07 oz)	0.7 g (0.02 oz)	
	Thickness	D 5147	95 mil (2.4 mm)	157 mil (4.0 mm)	
	Selvage Edge Thickness	D 5147	N/A	110 mil (2.8 mm)	
	Elongation at Peak Load at 0°F (-18°C)	D 5147	1%	5%	5%
	Elongation at Peak Load at 73.4°F (23°C)	D 5147	2%	4%	4%
	Ultimate Elongation at 73.4°F (23°C)	D 5147	3%	50%	55%
Aged Performance	90-Day Heat-Conditioned Peak Load at 0°F (-18°C)	D 5147	70 lbf/in (12.3 kN/m)	135 lbf/in (23.6 kN/m)	100 lbf/in (17.5 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 0°F (-18°C)	D 5147	1%	5%	4%
	90-Day Heat-Conditioned Peak Load at 73.4°F (23°C)	D 5147	30 lbf/in (5.3 kN/m)	100 lbf/in (17.5 kN/m)	75 lbf/in (13.1 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 73.4°F (23°C)	D 5147	2%	4%	4%
	90-Day Heat-Conditioned Ultimate Elongation at 73.4°F (23°C)	D 5147	3%	5%	6%
Installation	Dimensional Stability	D 5147	0.5%	0.1%	0.1%
	Net Mass per Unit Area	D 146	65 lb/100 ft² (30 kg/9.29 m²)	94 lb/100 ft² (43 kg/9.29 m²)	
	Roll Weight	D 146	N/A	72 lb (32.7 kg)	

\*MD = Machine Direction

\*\*XMD = Cross-Machine Direction

Note: Material tested in accordance with ASTM D 5147 Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Materials.

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the web at [www.jm.com/](http://www.jm.com/) roofing. The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the regional sales representative nearest you for current information.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville roofing products and systems, visit [www.jm.com/terms-conditions](http://www.jm.com/terms-conditions).