

### Meets the requirements of ASTM D 4601, Type II

#### Features and Components

GlasBase Plus is intended to be used as a base sheet in built up roofing or as a base or intermediate ply in modified bitumen systems.

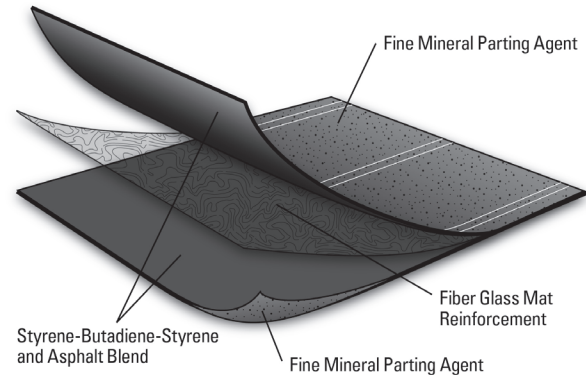
**SBS (Styrene-Butadiene-Styrene) Synthetic Rubber and High Quality Asphalt Blend:** Brings elasticity and flexibility to the sheet; lays flat virtually eliminating wrinkles resulting in fast, efficient applications.

**Fully-Coated Mat:** No pinholes prevent asphalt bleed-through, eliminating splitting problems associated with excessive membrane attachment to nailable decks. Excellent nail retention properties and resistance to uplift forces. Virtually eliminates wrinkling, resulting in fast, efficient applications.

**Non Porous Composition:** Allows the product to be used as a ply sheet in systems that employ cold process mastics such as JM MBR Cold Application Adhesive.

**Fiber Glass Reinforcement Mat:** Low moisture, excellent dimensional stability and resistance to rot make it an ideal replacement for organic base sheets. Provides a solid dimensionally stable substrate for other roofing membrane components.

**Surfacing:** Fine mineral parting agent.



<b>Component</b>
<b>M</b> Membrane
Multi-Ply Single Ply
<b>Type</b>
<b>BS</b> Base Sheet
<b>PS</b> Ply Sheet



#### 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

\*Suitable as an intermediate ply in hot asphalt applied hybrid PVC fleece back membrane systems.

#### Energy and the Environment

Pre-Consumer Recycled Content	0%
Post-Consumer Recycled Content	0%

#### Peak Advantage® Guarantee Information

Systems	Guarantee Term
Dependent on system	Up to 30 years

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

#### Codes and Approvals



#### Installation/Application



Refer to JM BUR application guides and detail drawings for instructions.

#### Packaging and Dimensions

Roll Size	36" x 106' (914 mm x 32.31 m)
Roll Coverage	319 ft <sup>2</sup> (29.64 m <sup>2</sup> )
Roll Weight	85 lb (38.6 kg)
Producing Locations	South Gate, CA

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**Tested Physical Properties**

Physical Properties		ASTM Test Method	Standard	GlasBase Plus
			Type II	
Strength	Breaking Strength @ 73.4° F, ( <i>min</i> ) (lbf/in)			
	Longitudinal (with fiber grain)	D 146	≥ 44	76
	Transverse (across fiber grain)	D 146	≥ 44	52
	Pliability at 77° F (pass/fail) 90° around 1" mandrel @ 77° F, (pass/fail)	D4601	No Failures	Pass
Performance	Net Dry Mass - Coated Sheet, ( <i>min</i> ) (lb/100ft <sup>2</sup> ) Individual Roll	D 228	≥ 14.5	26.3
	Mass per Area of Desaturated Glass Felt (lb/100ft <sup>2</sup> )	D 228	≥ 1.7	1.9
	Moisture at Point of Manufacture, ( <i>max</i> ) (%) <sup>1</sup>	D 146	≤ 1.0	0.3
	Surfacing and Stabilizer, ( <i>max</i> ) (%)	D 228	≤ 65	62
	Asphalt, ( <i>min</i> ) (lb/100ft <sup>2</sup> )	D 228	≥ 7.0	9.4
	Ash - glass mat only, (%)	D 228	70 – 88	74
Installation	Unrolling @ 40° F and 140° F, (pass/fail)	D 4601	No Damage	Pass

1. Moisture (As Received) was utilized in lieu of Moisture at Point of Manufacture

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/roofing](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).