

### Meets the requirements of ASTM D 6162, Type I, Grade S

#### Features and Components

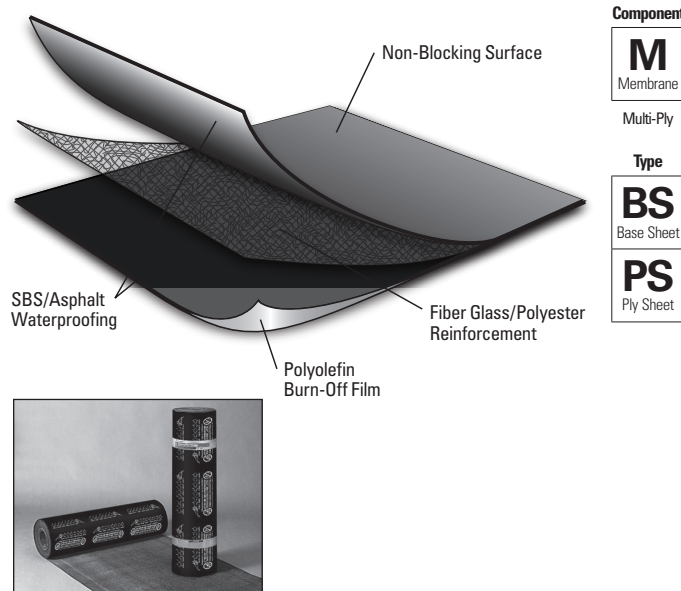
DynaPly T1 HW is used as a premium fiber glass/polyester-reinforced base or ply sheet in a variety of multi-ply roofing systems.

**High-Quality SBS Rubber and Asphalt Blend:** Lends elasticity and flexibility to the sheet. The elongation and recovery properties allow the product to easily accommodate the continual expansion and contraction experienced on all roofs.

**Fiber Glass/Polyester Reinforcement Mat:** Combines the excellent tensile strength, toughness and puncture resistance of a polyester mat with the dimensional stability and lay-flat characteristics of fiber glass.

**Non-Blocking Surface:** Nonblocking surface does not have a surface finish and must be used in constructions that will provide protection from UV (ultraviolet light) and the elements.

**Polyolefin Burn-Off Film:** Promotes ease of heat welding.



**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	CA	HW	HA*	CA	HW	SA	MF
Compatible with the selected multi-ply systems above									

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
Do not use with single ply systems										

**Key:** HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

#### Energy and the Environment

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

#### Peak Advantage® Guarantee Information

Systems	Guarantee Term
When used in most 2-5 ply JM SBS systems.*	Up to 30 years

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

#### Codes and Approvals



#### Product Application



Heat Weld

- May be used as a backer ply in two-ply flashing systems.
- Must be installed using heat-welding techniques
- Refer to JM SBS modified bitumen specifications and detail drawings for application and slope information

#### Packaging and Dimensions

Roll Coverage*	95.8 ft <sup>2</sup> (8.9 m <sup>2</sup> )
Roll Length	32' 10" (10 m)
Roll Width	39 3/8" (1 m)
Roll Weight	87 lb (39.46 kg)
Rolls per Pallet	20
Pallet Weight	2,000 lb (907 kg)
Pallets per Truck**	22
Producing Locations	South Gate, CA Macon, GA

\*Assumes a 4" side lap \*\*Assumes 48' flatbed truck.

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### Tested Physical Properties

Physical Properties			ASTM Test Method	Standard for ASTM D 6162, Type I, Grade S (Min.)	DynaPly T1 HW	
					MD*	XMD**
Strength	Tensile Tear		D 5147	65 lbf (289 N)	165 lbf (734 N)	160 lbf (712 N)
	Peak Load at 0°F (-18°C)		D 5147	75 lbf/in (13.1 kN/m)	190 lbf/in (33.3 kN/m)	170 lbf/in (29.8 kN/m)
	Peak Load at 73.4°F (23°C)		D 5147	75 lbf/in (13.1 kN/m)	120 lbf/in (21 kN/m)	100 lbf/in (17.5 kN/m)
Longevity	Low Temp. Flexibility	Unconditioned	D 5147	0°F (-18°C)	-20°F (-29°C)	
		90-Day Heat Conditioned	D 5147	0°F (-18°C)	-15°F (-26°C)	
	Compound Stability		D 5147	195°F (91°C)	250°F (121°C)	
	Thickness		D 5147	70 mil (1.8 mm)	126 mil (3.2 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%	6%	6%
	Ultimate Elongation at 73.4°F (23°C)		D 5147	26%	40%	40%
Aged Performance	90-Day Heat-Conditioned Peak Load at 0°F (-18°C)		D 5147	75 lbf/in (13.1 kN/m)	190 lbf/in (33.3 kN/m)	170 lbf/in (29.8 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 0°F (-18°C)		D 5147	1%	5%	5%
	90-Day Heat-Conditioned Peak Load at 73.4°F (23°C)		D 5147	75 lbf/in (13.1 kN/m)	165 lbf/in (28.9 kN/m)	145 lbf/in (25.4 kN/m)
	90-Day Heat-Conditioned Elongation at Peak Load at 73.4°F (23°C)		D 5147	2%	5%	5%
	90-Day Heat-Conditioned Ultimate Elongation at 73.4°F (23°C)		D 5147	9%	9%	9%
Installation	Dimensional Stability		D 5147	0.5%	0.2%	0.2%
	Net Mass per Unit Area		D 146	45 lb/100 ft² (20.4 kg/9.29 m²)	81 lb/100 ft² (36.7 kg/9.29 m²)	
	Roll Weight		D 146	N/A	87 lb (39.5 kg)	

\*MD = Machine Direction

\*\*XMD = Cross-Machine Direction

Note: Material tested in accordance with ASTM D 5147 Standard Test Method 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/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).