

### Material meets the requirements of ASTM D 4601, Type II

#### Features and Components

PermaPly 28 is designed for use as the first or base sheet in built up roofing or modified bitumen roof assemblies.

**Lightweight:** Exceptionally pliable, easy to handle and lays flat.

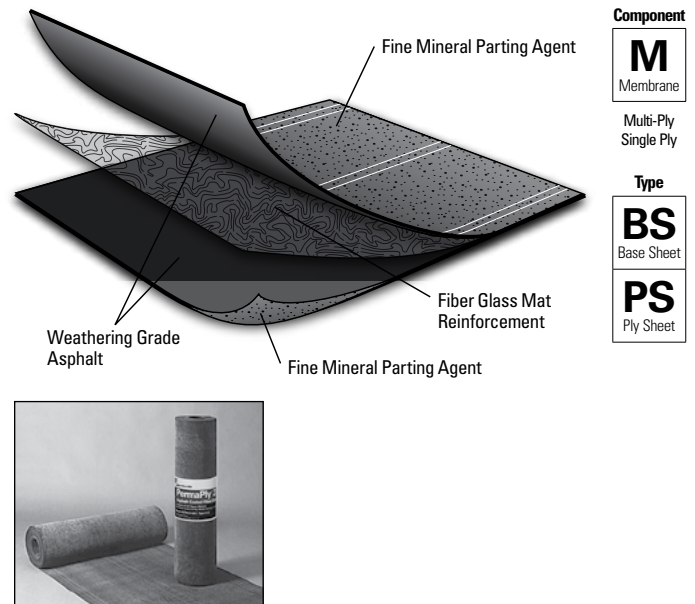
**Asphalt Coating:** Makes it suitable as an intermediate or ply felt in cold-applied built-up and modified bitumen roof assemblies.

**Ideal for Mechanical Attachment:** Use where mechanical attachment of the membrane to the roof substrate or deck is desired.

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

**Laying Lines:** Laying lines are imprinted on the top surface so the roofing mechanic can install the felt with the proper exposure and provide the correct number of plies.

**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	CA	HW	HA	CA	HW	SA
<i>Compatible with the selected Multi-Ply systems above</i>								

Single Ply	TPO		PVC*		EPDM		
	MF	FA	MF	FA	MF	FA	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 FA = Fully Adhered BA = Ballasted

\*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.

Roll Size	36" x 106' (914 mm x 32.31 m)
Roll Coverage (net)	300 ft² (27.87 m²)
Roll Coverage (gross)	316.5 ft² (29.5 m²)
Roll Weight	67 lb (30.4 kg)

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**Tested Physical Properties**

Physical Properties		ASTM Test Method	Standard	PermaPly 28
			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	45
	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	22.4
	Mass per Area of Desaturated Glass Felt (lb/100ft <sup>2</sup> )	D 228	≥ 1.7	2.0
	Moisture at Point of Manufacture, ( <i>max</i> ) (%) <sup>1</sup>	D 146	≤ 1.0	0.6
	Surfacing and Stabilizer, ( <i>max</i> ) (%)	D 228	≤ 65	65
	Asphalt, ( <i>min</i> ) (lb/100ft <sup>2</sup> )	D 228	≥ 7.0	7.1
	Ash - glass mat only, (%)	D 228	70 – 88	77
Installation	Unrolling @ 40° F and 140° F, (pass/fail)	D 4601	No Damage	Pass

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