

**Description**

GlasPly Premier is a specially constructed, asphalt-coated, fiber glass ply felt for use in hot applied built-up and modified bitumen roofing systems. It is produced by first impregnating a special high strength Johns Manville (JM) fiber glass mat with a quality asphalt. Next, it is treated with a unique liquid parting agent that eliminates sticking when the felt is unrolled. Before the product is wound into rolls, it is imprinted with laying lines on the top surface so the roofing mechanic can install the felt with the proper exposure and provide the correct number of plies.

**Use**

GlasPly Premier is intended for use as an integral part of any built-up or modified bitumen roofing system, over nailable and non-nailable roof decks and over approved types of roof insulation. When installed over nailable decks, a fiber glass base sheet, such as JM PermaPly 28, is typically used as the first ply and is usually mechanically fastened to the deck. Subsequently, layers of GlasPly Premier are set in hot asphalt to “build up” the applicable number of plies. Non-nailable decks and approved insulations usually have multiple layers of GlasPly Premier adhered directly to them with hot asphalt.

GlasPly Premier has good flexibility, conformability, and superior strength in both the machine and cross machine directions. “Brooming-in” is not necessary, but use of a squeegee on GlasPly Premier after laying in hot asphalt will help ensure full contact is made with the asphalt.



**Advantages**

- High tensile strength resists splitting that can be caused by rooftop stresses.
- Low moisture absorption, excellent dimensional stability and resistance to rot makes it an ideal replacement for organic felt.
- Easy to handle, lays flat, minimizes workmanship-related problems.
- Excellent porosity provides flexibility and conformability, minimizing fishmouths, wrinkling and ridging.

**Typical Physical Properties**

**Material meets the requirements of ASTM D 2178, Type VI.**

**Breaking Strength (min.)**

Longitudinal .....	60 lb force/in. width (10.5 kN/m)
Transverse .....	60 lb force/in. width (10.5 kN/m)

Pliability, ½" (13 mm) Radius Bend ..... No Failures

**Net Dry Mass of Asphalt-impregnated**

**Glass Felt (min.)**

Average of All Rolls .....	7 lb/100 ft <sup>2</sup> (342 g/m <sup>2</sup> )
Individual Rolls.....	6 lb/100 ft <sup>2</sup> (293 g/m <sup>2</sup> )

Moisture at Time of Manufacture (max.) ..... 1.0%

**Mass of Desaturated Glass Felt**

(min.) ..... 1.9 lb/100 ft<sup>2</sup> (93 g/m<sup>2</sup>)

**Bituminous Saturant (Asphalt)**

(min.) ..... 3 lb/100 ft<sup>2</sup> (146 g/m<sup>2</sup>)

Ash..... 70% - 88%

**Parting Agent and Stabilizer**

(max.)..... 3 lb/100 ft<sup>2</sup> (146 g/m<sup>2</sup>)

GlasPly Premier is classified by Underwriters Laboratories Inc. as a Type G-1 Coated Ply Sheet. See the UL® Roofing Materials and Systems Directory for acceptable Class A, B or C roof constructions employing GlasPly Premier. FM Global® has approved the use of this product in numerous constructions. Refer to the current edition of the FM Global Approval Guide for details.

**Sizes**

Roll size.....	500 ft <sup>2</sup> (46.45 m <sup>2</sup> )
Roll length .....	177' (53.95 m)
Roll width .....	36" (914 mm)
Roll weight.....	33 lb (15 kg)

Refer to the Material Safety Data Sheet and product label prior to using this product.