

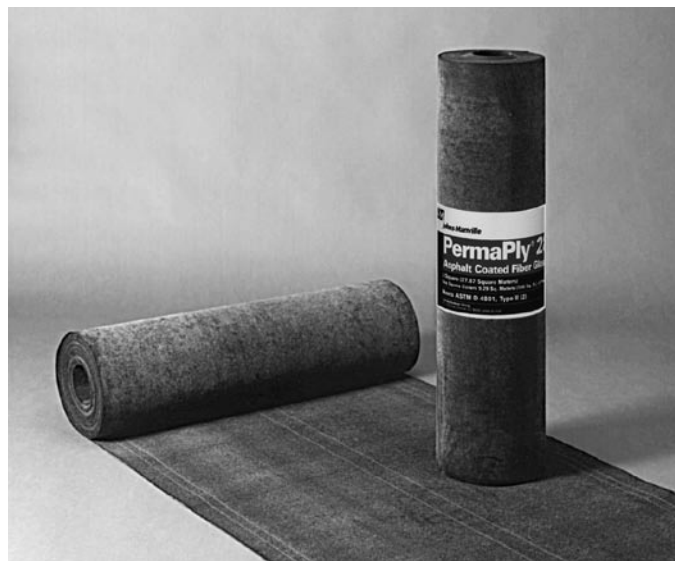
**Description**

Johns Manville (JM) PermaPly 28 is a lightweight, asphalt-coated, fiber glass base felt. It is manufactured by coating a JM wet process fiber glass mat with a weathering grade asphalt, and then surfaced with a fine mineral parting agent.

PermaPly 28 is well suited as a replacement for coated organic base felts, as the fiber glass (inorganic) mat reinforcement is rot resistant and has low moisture absorption.

**Use**

PermaPly 28 is designed for use as the first or base ply in built-up and modified bitumen roof assemblies. It is ideal for applications where mechanical attachment of the membrane to the roof substrate or roof deck is desirable. PermaPly 28's asphalt coating makes it suitable for use as an intermediate or ply felt in cold applied built-up and modified bitumen roof assemblies.



**Advantages**

- Easy to handle and lays fast.
- Exceptional pliability.
- Low moisture absorption, excellent dimensional stability and resistance to rot make it an ideal replacement for organic base sheets.

**Typical Physical Properties**

**Material meets the requirements of ASTM D 4601, Type II.**

**Breaking Strength (min.)**

Longitudinal and Transverse . . . . 44 lb force/in. width (7.7 kN/m)

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

**Mass of Desaturated**

Glass Felt (min.) . . . . . 1.7 lb/100 ft<sup>2</sup> (83 g/m<sup>2</sup>)

Surfacing and Stabilizer (max.) . . . . . 65%

Asphalt (min.) . . . . . 7.0 lb/100 ft<sup>2</sup> (341.7 g/m<sup>2</sup>)

Ash (Glass Mat Only) . . . . . 70 - 88%

PermaPly 28 has been evaluated and approved for use in a variety of fire-rated constructions and is classified by Underwriters Laboratories Inc. as a Type G-2 Coated Base Sheet and by FM Global® for use in approved FM Global constructions. Consult the current UL® Roofing Materials and Systems Directory and the FM Global Approval Guide for specific constructions.

**Sizes**

Roll size . . . . . 300 ft<sup>2</sup> (27.87 m<sup>2</sup>)

Roll length . . . . . 106' (32.31 m)

Roll width . . . . . 36" (914 mm)

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