



PLY-4 SHEETS

DESCRIPTION

PL-4 is manufactured on an extra strength fiberglass reinforced mat that receives a coating of asphalt and is lightly surfaced with a release liquid agent. The fiberglass mat provides excellent strength and moisture resistance with uniform porosity to allow complete bitumen embedment without excessive bleed-through. PL-4 is pliable and will conform to most surfaces for ease of application.

USES

PL-4 is designed for use as a base and/or an inter ply for hot applied, built-up roofing systems and hybrid modified bitumen systems. It is suitable for use in the construction of various types of membranes for both new construction and re-roofing over a variety of substrates. It is specially constructed to provide uniform strength and promote improved asphalt uniformity and adhesion between plies.

LIMITATIONS

PL-4 is applied in hot asphalt, depending on system design and selection. Rolls should be stored upright, off the ground and completely protected from the weather. Roof decks must be structurally sound, dry, smooth and meet or exceed minimum requirements of the deck manufacturer, local code and Perma-Tech Roofing Supply's Specifications. Roof decks must provide positive drainage. Additional specifications and precautions are listed in the Perma-Tech Roofing Supply Technical Data Sheets.

PRODUCT INFORMATION:

- Dimensions: 39³/₈" x 164' 7"
- Coverage: Five squares
- Weight: 36 lbs. per roll
- Top & Bottom Surfacing: Release agent

TECHNICAL DATA

- Support Mat: Extra strength fiberglass reinforced mat
- Tensile: MD/XD 50/46

PRODUCT APPLICATION:

Roof systems constructed with PL-4 must be applied in accordance with Perma-Tech Roofing Supply installation procedures. The following information is intended for general information purposes only and is not all-inclusive.

Preparation: Substrates to receive a roof system must be firmly attached, smooth, dry, clean and free of sharp projections and depressions. Flashing details must be in place and ready to receive roofing, with roof accessories available

prior to application of materials. Substrates requiring priming must be primed with asphalt primer and be allowed to completely dry. Substrates must provide positive drainage. Roof insulation must be tapered to drains.

Installation: PL-4 must be installed shingle method, with side laps determined by the number of plies to be installed. End laps must be 4" and diagonally staggered not less than 3' apart. PL-4 must be set in a solid mopping of bitumen. It is generally applied in multiple layers directly over a base ply of approved types of roof insulation. Perma-Tech does not recommend use of PL-4 as the first ply over nailable decks or plastic foam type insulations. Refer to the Perma-Tech website for additional information on product usage.

Precautions: Cold weather applications require special handling to prevent damage to the rolls and ensure satisfactory installation. Do not apply roofing systems over improperly prepared substrates or substrates that contain moisture.

Maintenance: Perma-Tech Roofing Supply Roof Systems generally do not require any additional maintenance beyond normal yearly roof maintenance procedures. Perma-Tech recommends regular roof maintenance and inspection to determine the condition of drains, flashings and other similar items, and to prolong the life expectancy of the roof system.

APPROVALS & CERTIFICATIONS:

ASTM D2178, Type IV
Underwriters Laboratory: Class A, B, and C
Factory Mutual
Miami-Dade
Florida Building Code
Texas Department of Insurance



LIMITED WARRANTY AND DISCLAIMER:

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact Perma-Tech Roofing Supply to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with Perma-Tech Roofing Supply warranty procedures and program. For limited manufacturer's warranty and disclaimer information, visit our website at: www.permatechroofing.com.