

PRODUCT INFORMATION SHEET

¾ OZ. FIBERGLASS MAT

Description:

The Pli-Dek ¾ oz. chopped strand fiberglass mat is a medium-fine fiber chopped strand mat and is composed of multi-directional chopped glass filament bundles. It is bonded together with a small amount of highly soluble powdered polyester binder and is designed to be randomly oriented and multi-resin compatible.

Uses:

- Pli-Dek System
- Con-Dek System
- HD System
- PD Texture Coat

Advantages:

- Excellent elongation
- Bridges hairline cracks, fills pin holes
- Non-water absorptive
- Excellent low temperature flexibility

Color/Packaging:

¾ oz. Fiberglass Mat is white in color and available in a 50" x 460 linear foot roll.

Storage:

Transport and store in original, unopened, undamaged containers. Protect from freezing. Do not store in direct sunlight.

Clean Up:

Wash hands with warm soapy water and rinse thoroughly.

Application Instructions:

NOTE: This application becomes required for the Pli-Dek when job conditions may experience excessive movement or in all Inclement Weather Areas (refer to TB-110). Examples: cantilevered decks, large spanning decks, etc. Some geographic locations may require the Fiberglass and Resin Coating in ALL applications. Contact Pli-Dek LLC for written verification.

Surface Preparation:

The deck must be free of all surface contaminants, such as dust, dirt, etc., which will impair the adhesion of the ¾ oz. Fiberglass and PD Resin.

Standard Application:

Lay out the ¾ oz. fiberglass mat, overlapping metal flashing to the horizontal edge and overlap mat seams by a minimum of 1/4" to a maximum of ½".

Thoroughly mix the PD Resin and then pour PD Resin base coat over the fiberglass mat, and apply with a pool trowel at a rate of approximately 40 - 50 square feet per gallon. Allow 6 - 8 hours to dry.

Remove any loose areas, where fiberglass did not bond to the concrete and reapply PD Resin and fiberglass as needed before application of finish coat.

Inclement Weather Application:

NOTE: In addition to covering the entire deck surface with ¾ oz. Fiberglass Mat, Inclement Weather Areas (refer to TB-110) require all vertical transitions to be covered with ¾ oz. Fiberglass and PD Resin or PD Flash Coat and Flash Coat Seam Tape or self-adhering drywall mesh tape. In addition to (2) coats of PD Resin for the Con-Dek System.

Lay out the ¾ oz. fiberglass mat over entire deck surface extending to all edges of the deck and up all vertical transitions. Overlap mat seams a minimum of 1/4" to a maximum of 1/2".

Thoroughly mix the PD Resin and then pour PD Resin base coat over the fiberglass mat, and apply with a pool trowel at a rate of approximately 40 - 50 square feet per gallon. Allow 6 - 8 hours to dry.

Remove any loose areas, where fiberglass did not bond to the concrete and reapply PD Resin and fiberglass as needed before application of second coat.

Apply a second coat of PD Resin Base Coat using a ¾" nap roller at a rate of 85 - 100 square ft. per gallon as described above, and allow 2-6 hours to dry.

Technical Data:

% of Solubility in Water	Insoluble in water
Loss of Elongation %	3.4%
Glass Fiber	2.54
Softening Point	1550°F

Coverage Rate:

¾ oz. Fiberglass Mat has a coverage rate of approximately 1,900 square feet per roll.

Limitations:

Not recommended for below grade. Do not apply to frost covered surfaces, or below 13°C (55°F). Do not apply if rain is expected in 24 hours and it must remain over 13°C (55°F) temperature for 24 hours.

Disclaimer:

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Technical Assistance:

Contact Pli-Dek LLC for any job specific questions.



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