

PRODUCT INFORMATION SHEET PD RESIN

Description:

The Pli-Dek PD Resin is a high build elastomeric acrylic material designed to absorb into the fiberglass mat and adhere to the concrete substrate or the Pli-Dek GU80-1 Base Coat. Specially formulated acrylic resins and multidirectional chopped fiberglass combine to provide a tough yet flexible coating. PD Resin is the base coat for the Con-Dek System. When combined with the fiberglass mat, the PD Resin becomes a secondary reinforcement coat for the Pli-Dek Waterproofing System. A secondary elastomeric coat is needed for the Pli-Dek Elastomeric Sand and Underlayment system.

Uses:

- Pli-Dek System
- Con-Dek System

Advantages:

- Superior adhesion
- Excellent elongation
- Bridges hairline cracks, fills pin holes
- Non-Water absorptive
- Excellent low temperature flexibility
- Fast drying

Color/Packaging:

PD Resin is amber/yellow in color is available in a 5-gallon pail.

Shelf Life/Storage:

The shelf life of is one year from the date of manufacture. Transport and store in original, unopened, undamaged containers. Protect from freezing. Do not store in direct sunlight. Keep in cool dry place.

Clean Up:

Clean tools and hands with warm soapy water and rinse thoroughly.

Mixing Instructions:

Mix the PD Resin using a mechanical mixer at slow speed for approximately 1 minute.

Application Instructions:

Surface Preparation:

The surface must be clean, free of dirt, oil, and all foreign matter. Do not apply over mildew.

Application:

Apply the PD Resin over fiberglass mat, at a rate of approximately 40 - 50 square feet per gallon with a trowel. Allow to completely dry, usually 6 - 8 hours depending on temperature. PD Resin must completely penetrate through the fiberglass mat. After the PD Resin has cured, remove any loose areas, where fiberglass was not bonded, and reapply PD Resin and Fiberglass as needed before application of Finish Coat.

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

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.

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.

Cure Time:

Cool temperatures or high humidity will slow the dry time.

Technical Data:

Type	Elastomeric Acrylic Terpolymer
Viscosity	100+ KREBS units @ 77°F
Solid Content	60% by weight 50% by volume
Flash Point	200°F
VOC Content (ASTM D3960-90)	≤100 grams per liter

Limitations:

Do not apply to frost covered surfaces, or below 13°C (55°F). Do not apply if rain is expected in 24 hours. Do not apply under foggy conditions. Apply on warm, sunny days.

Warranty:

Please contact Pli-Dek LLC for details.

Disclaimer:

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Technical Assistance:

Contact Pli-Dek LLC for any job specific questions.



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