



CON-DEK SYSTEM

Waterproofing for Use on Above Grade Concrete Surfaces

DATA SHEET

Introduction:

The Con-Dek System is a resin-based fiberglass reinforced waterproof membrane system for concrete substrates. The first coat consists of a .75 oz fiberglass mat and two PD Resin base coats. The next coat, is a skid-resistant texture coat that provides a durable walking surface. The final coat is a pigmented sealer that gives the deck a colorful and easy maintenance wear surface.

Primary Use:

The Con-Dek System is designed to achieve a waterproof deck surface for concrete balconies, walking decks, stairways, and roof decks (where waterproofing is essential). The Con-Dek system is excellent for new construction, as well as, retrofit work providing a durable wear surface with low maintenance.

Technical Data:

TEST	RESULTS	ASTM TEST
Abrasion Test	2.9%	D-1242
Static Coefficient Of Friction	.835	C-1028-96

Limitations:

Not for use in areas intended for vehicular traffic.

Packaging:

The GU80-1 Powders are available in 46 lbs. bags. The PD Resin, GU80-1 Liquid Admixture, GS88-1 Pigmented Sealer, and the GS99-1 Clear Sealer are supplied in 5 gallon pails. The .75 oz fiberglass is sold in various quantities.

Shelf Life:

One year from the ship date. Do not allow products to freeze. Do not store GU80-1 powders in wet or damp areas

Color:

The Con-Dek system is available in 15 standard colors. Custom color matching available upon request.

Job Conditions:

The ambient air and surface temperature must be a minimum of 10°C (50°F) and a maximum of 43°C (110°F) and shall remain so for at least 24-hours. Do not install over wet substrates or in rainy conditions.

All concrete substrates shall cure for a period of 28 days prior to application. The Pli-Dek applicator shall inspect the substrate for any deficiencies and notify the architect or general contractor in writing of the corrections that need to be made before application of the Pli-Dek products. Inspect that all sheet metal flashing is installed according to Pli-Dek specifications prior to application.

Application: (see PD-175 for complete Application Instructions)

Take any necessary action to clean surface before proceeding with the etching process.

Pli-Dek Systems, Inc. recommends a slope of 1/8"-1/4" per linear foot.

Grind out cracks and fill cracks with 2-part epoxy joint filler.

Lay out the .75 oz fiberglass mat, overlapping metal flashing to the horizontal edge and overlap mat seams by a minimum 1/4" maximum of 1/2".

Apply PD Resin Base Coat over fiberglass mat, at a rate of approximately 40-50 square feet per gallon with a trowel and let dry.

Apply a second coat of PD Resin Base Coat at a rate of 100 sq. ft. per gallon using a 3/4" nap roller and let dry.

Using a hopper gun, spray the Top Coat mixture over the entire deck surface, at a rate of 150-sq. ft. per mix.

Apply the GS88-1 Sealer over the dry Knockdown application at a rate of 100 sq. ft. per gallon (2 coats may be necessary).

Warranty:

Contact Pli-Dek Systems, Inc. for warranty information.

Technical Assistance:

Pli-Dek Systems, Inc. or its local authorized representatives are available for on-site technical assistance with the Pli-Dek line of products.