

CON-DEK SYSTEM WATERPROOF DECK COATING-CONCRETE

Description:

The Pli-Dek Con-Dek Waterproofing 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.

Standards:

The Con-Dek System meets the requirements of the ASTM E108 for a class "A" Fire Retardant System.

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 installer 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 are installed according to Pli-Dek specifications prior to application.

Packaging:

The GU80-1 Powders are available in 46 lb. bags. The PD Resin, GU80-1 Liquid Admixture, GS88-1 Pigmented Sealer, and the GS99-1 or GS13 Sealer are supplied in 5 gallon pails. The .75 oz. fiberglass is sold in a roll and in various quantities.

Technical Data:

Abrasive Test	2.9%
(ASTM D968)	
Water Absorption	Pass
(ASTM D570-98)	
Static Coefficient of Friction835
(ASTM C1028-96)	
Freeze Thaw	Pass
(ASTM C67-03)	
Spread of Flame	Class "A"
(ASTM E108)	
Impact Resistance	Pass
(ASTM D3746-85)	
Accelerated Aging	Pass
(ASTM D756-93)	
Tensile Strength	Pass
(ASTM C297-94)	
Chemical Resistance	Pass
(ASTM D2299)	

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.

Limitations:

Not for use in areas intended for vehicular traffic.

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.

