

PLI-DEK SYSTEM
WATERPROOF DECK COATING- PLYWOOD SUBSTRATES



Description:

The Pli-Dek Waterproofing System is a 1-Hour, Class "A" Fire Rated deck system. It uses a poly-acrylic emulsion membrane, combined with elastomeric, acrylic, or cementitious finishes. The system consists of 2.5lbs/sq. yd. galvanized metal lath, base coat, and a wide range of finishes. This system offers high durability with low maintenance.

Primary Use:

The Pli-Dek System is designed for plywood balconies, walking decks, stairways, and roof decks where waterproofing is essential. It provides a durable wear surface for interior and exterior use. The Pli-Dek System is excellent for new construction as well as retrofit work.

Standards:

The Pli-Dek System meets the requirements of the ASTM E119 for a 1-Hour Fire Rating and the ASTM E108 for a Class "A" Fire Retardant Roof.

Job Conditions:

The ambient air and surface temperature must be a minimum of 4.44°C (40°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.

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.

Color:

The finish coat of the Pli-Dek System is available in Pli-Dek's standard colors. Custom color matching is also available, refer to the Pli-Dek System brochure or contact Pli-Dek Systems, Inc. for further information.

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 flashing, metal lath, and staples are sold separately in various quantities.

Technical Data:

Spread of Flame (ASTM E-108).....	Class "A"
Bond Strength - Plywood (ASTM C-297).....	126 psi
Tensile Strength (ASTM D 2707).....	1505 psi after weathering
Bond Strength – Plywood (ASTM C-297).....	126 psi
Tensile Strength (ASTM D-2707).....	1505 psi - after weathering
Impact Test (ASTM D-3320).....	No Cracking
Water Transmission (ASTM E-96).....	31g/24hrs.
Abrasion Test (ASTM D-1242).....	2.9%
Static Coefficient of Friction (ASTM C-1028-96).....	.835

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 technical assistance and/or inspections for the Pli-Dek line of products.