

SYSTEM DATE SHEET HD-215 SYSTEM

215 MIL HYBRID FLUID APPLIED WATERPROOFING OVER CONCRETE SUBSTRATE

Description:

The Pli-Dek HD-215 System system provides superior performance with its unique dual waterproofing layers. Like the HD-250 System, the HD-215 System is a superior solution for waterproofing underlayments by eliminating inherent detailing issues associated with traditional fluid applied coatings, as well as both durable and flexible waterproofing protection. The system achieves a complete thickness of 215 mils or greater.

Uses:

The Pli-Dek HD-215 System is a hybrid waterproofing underlayment system ideal for installation over concrete plaza/podium decks, balconies, pool decks, and roof decks that are designed to receive pavers or ceramic tiles.

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.

Packaging:

The GU80-1 Powders are available in 46 lb. bags. The GU80-1 Liquid Admixture is supplied in a 5 gallon pail. The Pli-Dek Cold Rubber (CR) products are packaged in 5 gallon pails.

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.



IDEAL USES:

- Plaza/Podium Decks
 - Balconies
 - Pool Decks
 - Roof Decks
1. Custom Top Coat (6,000 psi)
 2. 3/4 oz Fiberglass
 3. Custom Top Coat (6,000 psi)
 4. Fluid Applied Membrane
 5. Reemay
 6. Fluid Applied Membrane
 7. Protection Course
 8. Protection Board
 9. Drain Board
 10. Masonry Surfacing

Technical Data:

1 st Layer (Construction Coat)	
Bond Strength (ASTM C-297)	126 psi
Freeze Thaw (ASTM C67-03)	Pass
1-Hour (ASTM E119)	Pass
Spread of Flame (ASTM E-108)	Class "A"
Tensile Strength (ASTM D 2707)	1505 psi after weathering
Impact Test (ASTM D-3320)	No Cracking
Water Transmission (ASTM E-96)	31g/24hrs.
Compressive Strength (ASTM C-150-72)	6075 psi
2 nd Layer (Final Membrane)	
Total Solids by Weight (ASTM D-236)	92 +/- 3% -- CR (H) 95 +/- 1% -- CR (V)
Ultimate Elongation (ASTM D-412)	300 +/- 50% -- CR (H) 300 +/- 50% -- CR (V)
Hardness (ASTM D-2240)	45 +/- 5 Shore A -- CR (H) 30 +/- 5 Shore A -- CR (V)
Tear Strength (ASTM D-412)	350 +/- 50 psi -- CR (H) 500 +/- 50 psi -- CR (V)

Warranty:

Please contact Pli-Dek, LLC. for details.

Disclaimer:

**This information is furnished without warranty, representation, inducement or license of any kind, except sources believed by Pli-Dek LLC to be accurate. Pli-Dek LLC does not assume any legal responsibility for use or reliance on the information supplied here.*

Technical Assistance:

Contact Pli-Dek LLC for any job specific questions.



Scan here to visit the Pli-Dek website