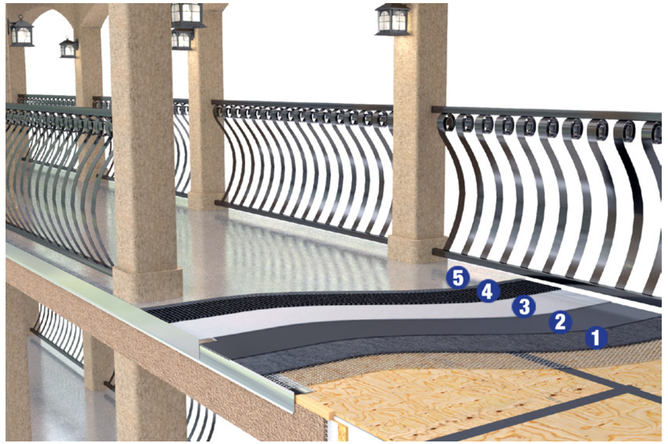
HD-250 SYSTEM

The Pli-Dek® HD-250 System is a hybrid waterproofing underlayment system for plywood corridors, balconies, and roof decks that are designed to receive a concrete topping or pavers. This system provides superior performance with its unique dual waterproofing layers. The HD-250 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.

BENEFITS

- Innovative 6,000 psi Construction Coat
- Early Protection During Course of Construction
- Incorporates a Flexible Waterproofing Membrane
- Complete Thickness of 250 mils or Greater
- Eliminates Inherent Detailing Issues
- Can be Applied in Conjunction with the HR or CR-HB Systems
- Cementitious base-coats provide early protection accelerating the finish trades schedule



IDEAL USES:

- *Plywood Corridors*
- *Balconies*
- *Roof Decks*

1. Base Coat (6,000 psi)
   - 2.5 Galvanized Metal Lath
   - PD Seam Paper at all Plywood Seams
   - Min 26 Gauge Galvanized Sheet Metal Flashing
2. Fluid Applied
3. Protection Board
4. Drain Board
5. Masonry Surfacing

HD-215 SYSTEM

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

BENEFITS

- Incorporates a Flexible Waterproofing Membrane
- Complete Thickness of 250 mils or Greater
- Eliminates Inherent Detailing Issues
- Can be Applied in Conjunction with the HR or CR-HB Systems

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

PLI DEK®
WATERPROOFING SOLUTIONS

HD-250 TECHNICAL DATA

FIRST LAYER (CONSTRUCTION COAT)

Bond Strength - Plywood
(ASTM C-297)..... 126 psi
Freeze Thaw
(ASTM C-67-03).....Pass
1 Hour
(ASTM E-119).....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

SECOND LAYER (FINAL MEMBRANE)

Total Solids
(ASTM C-836)
HR 100%
CR-HB.....95%±1%
Solvents
(All Products) 0%
Elongation
HR .....±1000%
CR-HB..... 300%±50%
Hydrostatic Pressure
(ASTM C-1306-95)
HR ..... 100 psi

HD-215 TECHNICAL DATA

FIRST LAYER (CONSTRUCTION COAT)

Bond Strength - Plywood
(ASTM C-297).....126 psi
Freeze Thaw
(ASTM C-67-03)..... Pass
1 Hour
(ASTM E-119)..... 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

SECOND LAYER (FINAL MEMBRANE)

Total Solids
(ASTM C-836)
HR 100%
CR-HB..... 95%±1%
Solvents
(All Products) 0%
Elongation
HR .....±1000%
CR-HB.....300%±50%
Hydrostatic Pressure
(ASTM C-1306-95)
HR .....100 psi

ICP BUILDING SOLUTIONS GROUP
41610 Date Street, Suite 104, Murrieta, CA 92562 • 800.364.0287 • www.plidek.com

For more information, please visit www.plidek.com.

PLI DEK®
WATERPROOFING SOLUTIONS

HD SYSTEMS

Heavy Duty Hybrid Waterproofing