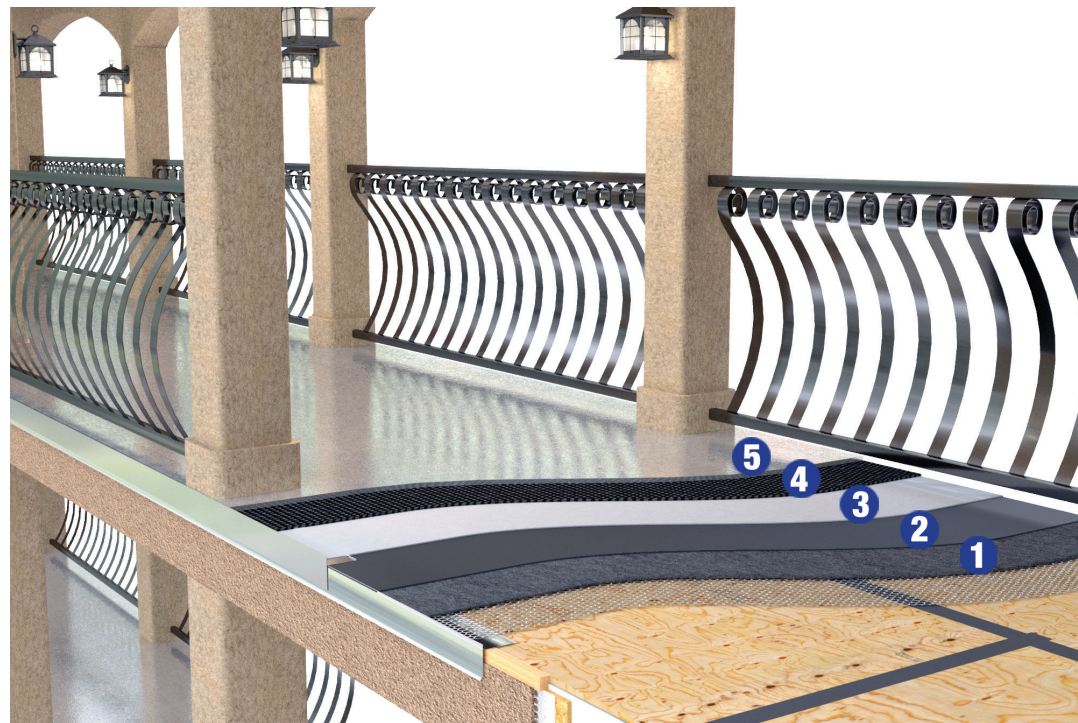


## HD-250 SYSTEM

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



#### 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

## HD-250 TECHNICAL DATA

### FIRST LAYER (CONSTRUCTION COAT)

<b>Bond Strength - Plywood</b> (ASTM C-297).....	126 psi
<b>Freeze Thaw</b> (ASTM C-67-03).....	Pass
<b>1 Hour</b> (ASTM E-119).....	Pass
<b>Spread of Flame</b> (ASTM E-108).....	Class "A"
<b>Tensile Strength</b> (ASTM D-2707).....	1505 PSI-After Weathering
<b>Impact Test</b> (ASTM D-3320).....	No Cracking
<b>Water Transmission</b> (ASTM E-96).....	31g/24hrs.
<b>Compressive Strength</b> (ASTM C-150-72).....	6075 psi

### SECOND LAYER (FINAL MEMBRANE)

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

## HD-215 TECHNICAL DATA

### FIRST LAYER (CONSTRUCTION COAT)

<b>Bond Strength - Plywood</b> (ASTM C-297).....	126 psi
<b>Freeze Thaw</b> (ASTM C-67-03).....	Pass
<b>1 Hour</b> (ASTM E-119).....	Pass
<b>Spread of Flame</b> (ASTM E-108).....	Class "A"
<b>Tensile Strength</b> (ASTM D-2707).....	1505 PSI-After Weathering
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## HD SYSTEMS

Heavy Duty Hybrid Waterproofing