



Hot Rubberized Asphalt (HR)

The Pli-Dek® Hot Rubber (HR) fluid applied system is a high build, rubberized asphalt waterproofing system that is a superior solution for critical waterproofing applications. This System is ideal for plaza decks, parking decks, tunnels, and green roofs.

This hot-applied rubberized asphalt waterproofing membrane is formulated to provide a monolithic, fully bonded system. The HR System can achieve 215 mils of waterproofing protection with a polyester reinforced fabric application. Pli-Dek's HR System creates a durable, smooth, and seamless rubberized waterproof membrane, even around the toughest penetrations or detailing configurations.

System Benefits:

- Installed by Certified Applicators
- 215 mils of Waterproofing Protection
- 1000% (+) Elongation
- Monolithic
- 100% Solids
- Can be Applied as a Component of the HD-250 System

Ideal For:

- Plaza Deck
- Parking Decks
- Tunnels
- Green Roofs





HOT RUBBERIZED ASPHALT (HR)



Description:

Hot Rubber (HR) is a hot-applied rubberized asphalt membrane. This high build, polyester reinforced protective coating provides a seamless, monolithic membrane and is designed for horizontal plaza or podium, between slab installation, paver pedestal or protected roof membrane assemblies, to provide a superior impervious waterproof surface. The hot applied installation provides for a seamless installation even around the toughest penetrations or detailing configurations. Contact Pli-Dek Systems, Inc. for project specific specifications and details.

Primary Use:

HR is recommended for waterproofing horizontal elevated concrete or pre-cast concrete plaza/podiums, planters, protected roofing, and green roofs.

HR can be applied over a wide variety of substrates including elevated decks, concrete or precast structural slab, plazas, tunnels, parking decks, structural wall systems, poured concrete foundations and parged concrete masonry unit (CMU).

Advantages:

- Installed by Certified Applicators
- One Component System
- Meets CGSB 37.50 Specifications
- No VOC Restrictions
- Monolithic Installation for Seamless Application
- Can be Installed at 0° F
- Will Elongate Over 1000% (+) without Elasticity Damage
- Conforms to Irregular Surfaces to Provide a Monolithic Waterproofing Assembly
- Cools to a Monolithic Waterproofing Membrane and has no Curing Restrictions or Failures

Horizontal Application:

Standard application is 215 mils fabric reinforced membrane. Other system options can be provided based on project requirements.

Additional Systems:

HD-250 (Heavy Duty): The HR System can be installed as a component of the HD-250 System which combines two proven systems over wood substrates. (See HD-250 system data sheet for more info.)

Coverage Rate:

Product Thickness	Pounds per Sq. Ft.
215 mils	1.40 lbs.
180 mils	1.15 lbs.
90 mils	0.60 lbs.

*The above are estimates. Coverage rates will vary based on job conditions and application methods.

Technical Data:

Total Solids100% (CGSB-37.50)	
Solvent Content0% (CGSB-37.50)	
Flash Point (Open Cup): (ASTM D 92/CGSB-37.50)	
Low Temperature -25°F.....No Cracking	
Flexibility.....No loss of Adhesion	
Adhesion.....No Delaminating	
Crack.....No Cracking	
Crack Bridging..... No Splitting/ No loss of Adhesion	
Adhesion Peel/Water ImmersionPass (ASTM C 836)	
Elongation1000% (ASTM D 1191)	
Resiliency40% (ASTM D 3407)	
Hydrostatic Pressure ResistanceNo Water Penetration/Infiltration (ASTM C 1306-95)	
Water Transmission Materials0.018 Perms (ASTM E 96-E)	
Hydrostatic Pressure Resistance100 psi	
Water Absorption22 g weight gain (ASTM CGSB-37.50)	
Water Resistance 5 days 50°CNo Delamination/Deterioration (ASTM CGSB-37.50)	
Concrete Bond @ 0°FPass (ASTM D 3408)	
Resistance: (ASTM D 896)	
Fertilizer..... No Deterioration	
Salt Water.....No Deterioration	
Acid.....No Deterioration	
Animal Waste (Direct exposure)..... No Deterioration	

Clean Up:

Use waterless hand cleaner for skin. Use mineral spirits or methyl soyate for equipment and construction surfaces.

Packaging

HR product is packaged in approximately 43 lb. boxes.

Limitations:

Product must not be applied over standing water, a water film, ice or snow. Do not heat container or store at temperatures greater than 100°F. Not intended for use as a permanently exposed surface, although it will tolerate foot and incidental, light, rubber-wheeled traffic when set. Refer to installation guidelines for specific protection and drainage mat inclusion. Shelf life is 1 year in unopened containers when stored in dry conditions. All substrates shall be sloped 1/8" per foot to drain or applicable building code.

Warranty Information:

Contact Pli-Dek Systems, Inc. for warranty information.