

**Description:**

The Pli-Dek 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 Uses:**

Hot Rubber (HR) is recommended for waterproofing horizontal elevated concrete or precast concrete plaza/podiums, planters, protected roofing, and green roofs.

Hot Rubber (HR) can be applied over a wide variety of substrates including elevated decks, concrete or precast structural slab, plazas, tunnels, 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.

**Additional Systems Available:**

**HD-250 (Heavy Duty)** - waterproofing installation is a multi-layer assembly designed for plywood decks that require a masonry or concrete topping. HD 250 provides two layers of waterproofing protection: 1) a durable metal lath reinforced, polymer cement base coat (6000 psi) 2) installation of the (HR) (90 – 215mils) fluid applied membrane. The waterproofing systems minimum thickness will be 250 mils and can incorporate a full polyester reinforcement.

**HD-215 (Heavy Duty)** - waterproofing installation is a multi-layer assembly designed for concrete decks that require a masonry or concrete topping. HD 215 provides two layers of waterproofing protection: 1) a durable polymer cement base coat (6000 psi) 2) installation of the (HR) (90 – 215mils) fluid applied membrane. The waterproofing systems minimum thickness will be 215 mils and can incorporate a full polyester reinforcement.

**Coverage Rate:**

Hot Rubber (HR) is only installed at 215 mils complete, fabric reinforced multi-layer application.

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 Solids (CGSB-37.50)	100%
Solvent Content (CGSB-37.50)	0%
Flash Point (Open Cup): (ASTM D 92/CGSB-37.50) Low Temperature Flexibility Adhesion Crack Crack Bridging	No Cracking No loss of Adhesion No Delaminating No Cracking No Splitting/No Loss of Adhesion
Adhesion Peel/Water Immersion (ASTM C 836)	Pass
Elongation (ASTM D 1191)	10000%
Resiliency (ASTM D3407)	40%
Hydrostatic Pressure Resistance Penetration/Infiltration (ASTM C 1306-95)	No Water
Water Transmission Materials (ASTM E 96-E)	0.0018 Perms
Hydrostatic Pressure Resistance	100 psi
Water Absorption (ASTM CGSB-37.50)	22 g weight gain
Water Resistance 5 days 50°C Delamination/Deterioration (ASTM CGSB-37.50)	No
Concrete Bond @ 0°F (ASTM D 3408)	Pass
Resistance: (ASTM D 896) Fertilizer Salt Water Acid Animal Waste (Direct exposure)	No Deterioration No Deterioration No Deterioration No Deterioration

**Packaging:**

Hot Rubber (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 of Hot Rubber (HR) 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:**

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.

