

**HOT RUBBERIZED ASPHALT (HR)**  
HOT APPLIED WATERPROOFING MEMBRANE



**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 Use:**

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.

**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:**

<b>Total Solids</b> .....	100%
(CGSB-37.50)	
<b>Solvent Content</b> .....	0%
(CGSB-37.50)	
<b>Flash Point (Open Cup):</b>	
(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
<b>Adhesion Peel/Water Immersion</b> .....	Pass
(ASTM C 836)	
<b>Elongation</b> .....	1000%
(ASTM D 1191)	
<b>Resiliency</b> .....	40%
(ASTM D 3407)	
<b>Hydrostatic Pressure Resistance</b> .....	No Water Penetration/Infiltration
(ASTM C 1306-95)	
<b>Water Transmission Materials</b> .....	0.018 Perms
(ASTM E 96-E)	
<b>Hydrostatic Pressure Resistance</b> .....	100 psi
<b>Water Absorption</b> .....	22 g weight gain
(ASTM CGSB-37.50)	
<b>Water Resistance 5 days 50°C</b> .....	No Delamination /Deterioration
(ASTM CGSB-37.50)	
<b>Concrete Bond @ 0°F</b> .....	Pass
(ASTM D 3408)	
<b>Resistance:</b>	
(ASTM D 896)	
Fertilizer.....	No Deterioration
Salt Water.....	No Deterioration
Acid.....	No Deterioration
Animal Waste (Direct exposure).....	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 Information:**

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

