

**COLD RUBBER (CR)**  
COLD-FLUID APPLIED ELASTOMERIC WATERPROOFING MEMBRANE



**Description:**

The Pli-Dek Cold Rubber (CR) is a solvent free, moisture cure, heavy bodied protective coating designed for horizontal or vertical impervious waterproofing applications. This high build, rubber-like, membrane is the ideal solution for a wide variety of uses. The Cold Rubber (CR) cures to a monolithic waterproofing membrane that is a smooth, tough, seamless, that is an excellent alternative to hot-applied waterproofing systems.

**Primary Use:**

Cold Rubber (CR) is recommended for below grade foundation waterproofing and horizontal elevated concrete, plaza/podiums, planters, and elevated plywood deck split slab assemblies. Cold Rubber (CR) can be applied over a wide variety of foundations, parged concrete masonry unit (CMU), wall systems and poured in place concrete walls, decks, and precast decks. CR can also be installed to plywood decks.

**Advantages:**

- Solvent free
- Apply up to 120 mils in a single application
- VOC compliant
- Low odor
- Seamless rubber membrane
- Conforms to ASTM C 836
- Can be applied to green concrete

**Horizontal Application:**

**(CR) Single Coat** - horizontal waterproofing installation is applied to a minimum of 60 mil wet film thickness (WFT). (CR) can be installed in a single layer thickness including 90 mils up to 120 mils. The installation is placed using a flat squeegee. Contact Pli-Dek Systems, Inc. for specific installations that include a full polyester reinforcement.

**(CR) Reinforced High Build** - horizontal waterproofing installation is a multi-layer cold fluid applied waterproofing system consisting of a 90 mil fabric reinforced layer followed by an additional 90 mil coat to achieve a total system thickness of 180 mil (WFT).

**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 (CR) Single Coat (60, 90, or 120 mils) or fabric reinforced (180 mils) fluid applied membrane. The waterproofing systems minimum thickness will be 250 mils and can incorporate a full polyester reinforcement.

**Clean Up:**

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

**Technical Data:**

<b>Total Solids</b> .....	98% (+/-)
(ASTM C 836)	
<b>Solvent Content Wet</b> .....	0%
(ASTM C 836)	
<b>Maximum V.O.C</b> .....	<40g/l
(ASTM C 836)	
<b>Flammability - Wet</b> .....	Non-Flammable
(ASTM C 836)	
<b>Flash Point (Open Cup)</b>	
(ASTM C 836)	
Low Temperature.....	No Cracking
Flexibility.....	No Loss of Adhesion
Adhesion @ -13°F.....	No Delaminating
Crack.....	No Cracking
Crack Bridging.....	No Splitting
<b>Adhesion Peel/Water Immersion</b> .....	Pass
(ASTM C 836)	
<b>Elongation</b> .....	575%
(ASTM D 412)	
<b>Recovery</b> .....	95%
(ASTM D 412)	
<b>Hydrostatic Pressure Resistance</b> .....	No Water Penetration/Infiltration
(ASTM C 1306-95)	
<b>Water Transmission Materials</b> .....	1.3 Perms
(ASTM E 96-B)	
<b>Shore Hardness</b> .....	Min 60

**Product Coverage Chart:**

Product Thickness (WMT)	Sq. Ft. Per Gallon
60 mils	25 Sq. Ft.
90 mils	19 Sq. Ft.
120 mils	12 Sq. Ft.
180 mils	9.5 Sq. Ft.

\*The above are estimates. Coverage rates will vary based on porosity of substrate and application methods.

**Packaging:**

Cold Rubber (CR) is packaged in 5 gallon pails.

**Limitations:**

Product must be protected by appropriate overlay or protection course. Not intended for use as a permanently exposed surface, although it will tolerate foot and incidental, rubber-wheeled traffic when set. Shelf life of Cold Rubber (CR) is 6 months from date of manufacturing on unopened containers when stored in dry conditions. All substrates should be sloped 1/8" per foot to drain or applicable building code.

**Warranty:**

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

