SYSTEM DATE SHEET
COLD RUBBER SYSTEM
FLUID APPLIED WATERPROOFING

IDEAL USES:

- Planters
- Plazas
- Podiums
- Horizontal Elevated Concrete
- Poured Concrete Foundations
- Parged Concrete Masonry Units (CMU)
- Elevated Plywood Split Slab Assemblies

1. Vapor Prime
2. Fluid Applied
3. Reemay
4. Fluid Applied
5. Protection Course
6. Drain Board

Description:

The Pli-Dek Cold Rubber High Build (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 High Build (CR) cures to a monolithic waterproofing membrane that is smooth, tough, seamless, and is an excellent alternative to hot-applied waterproofing systems. Pli-Dek Cold Rubber meets the criteria of ASTM C-386 and E-96.

Uses:

The Pli-Dek Cold Rubber is recommended for below grade foundation waterproofing, horizontal elevated concrete, plaza/podiums, planters, and elevated plywood deck split slab assemblies. The Pli-Dek Cold Rubber 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, it can also be installed on plywood decks and inc conjunction with the Pli-Dek HS-215 and HD-250 Hybrid Waterproof Deck Coating Systems as well.

Advantages:

- Solvent Free
- Apply up to 120 mils
- VOC Compliant
- Low Odor
- Seamless rubber membrane
- Conforms to ASTM C-836

Packaging:

The Cold Rubber Horizontal and Vertical are supplied in a 5 gallon pails, 55 gallon drums, and totes.

Coverage Rates:

Product Thickness	Sq. Ft. per Gallon
45 mils	**37.5 Sq. Ft.**
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 and application methods.

Limitations:

Not intended for use as a permanently exposed surface, although the Cold Rubber will tolerate foot and incidental, light, rubber-wheeled traffic when set. Cold Rubber UV can be utilized of UV exposer. Drainage mat and protection course may be required.

Technical Data:

Based on Drawn Down Film	Cold Rubber High Build Vertical	Cold Rubber High Build Horizontal
Hardness (ASTM D-2240)	45 ± 5 Shore A	30 ± 5 Shore A
Tear Resistance, Die C (ASTM D-624)	35 ± 10 pli 14 ± 2 kNm	50 ± 5 pli 8.8 ± .09 kNm
Tensile Strength (ASTM D-412)	350 ± 50 psi 3.45 ± 0.3 Mpa	500 ± 50 psi 2.1 ± 0.3 Mpa
Ultimate Elongation (ASTM D-412)	300 ± 50%	300 ± 50%
Specific Gravity	1.23	1.12
Total Solids by Weight (ASTM D-236)	92 ± 3%	95 ± 1%
Total Solids by Volume (ASTM D-2697)	90 ± 3%	94 ± 1%
Viscosity at 80°F (27°C)	40,000 ± 20,000 cps	
Service Temperature	- 25°F to 200°F - 31.7°C to 93.3°C	
Volatile Organic Compounds (ASTM D-2369-81)	0.83 lb/gal 100 gm/liter	<0.5 lb/gal <60 gm/liter
Resistance to Decay (Water Vapor Permeance) ASTM E-96		0.372perms Pass
Resistance to Water ASTM D-2929		No Blistering No Re-emulsification Pass

Warranty:

Please contact Pli-Dek, LLC. for details.

Disclaimer:

**This information is furnished without warranty, representation, inducement or license of any kind, except sources believed by Pli-Dek LLC to be accurate. Pli-Dek LLC does not assume any legal responsibility for use or reliance on the information supplied here.*

Technical Assistance:

Contact Pli-Dek LLC for any job specific questions.

Scan here to visit the Pli-Dek website

150 Dascomb Road • Andover, MA 01810 • 800-364-0287 • www.plidek.com