

Prime Coat CTL



High build epoxy coal tar protective coating

Description

Roll, brush or spray applied protective epoxy coating for use on concrete or steel. Prime Coat CTL is a two component, high build, coal tar modified epoxy resin coating.

Primary Applications

- Manholes
- Pump stations
- Pipelines
- Tanks
- Sewage plants
- Bridge pilings
- Marine structures
- Septic tanks, etc.

Advantages

- Tenacious bond
- Excellent corrosion and chemical resistance
- Excellent abrasion resistance
- Flexible

Packaging

- 5 gallon kit

Technical information: Physical properties at 73°F (23°C) - Liquid

Properties will vary depending upon site conditions, application method, mixing method and equipment, material temperature, and curing conditions.

Mixed viscosity: 8,000 cP

Color: black (glossy)

Pot Life	1 gallon	Tack free	16 mils
90°F (32°C)	1 hr	50°F (10°C)	8 hr
73°F (23°C)	2 hr	73°F (24°C)	4 hr

Test results		
Flash point ("B" component)	73°F (24°C)	
Tensile strength	665 psi	ASTM D-412
Tensile elongation	10%	ASTM D-412
Adhesion (non-primed concrete)	365 psi	ASTM D-4541
Adhesion (non-primed blasted steel)	1,680 psi	ASTM D-4541
Coverage	76.2 sq ft/gal. = 16 mil dry film thickness	

Accessory Products

- HydroLock primer (optional)

Directions For Use

Mixing Ratio:

A:B 1:4 by volume

Manual Mixing: Pre-mix “B” component prior to combining. “B” component contains pigments, fillers and other chemicals the settle over time. Failure to properly pre-mix will result in uncured or improperly cured material. Do not mix partial kits. To prevent bubble formation, avoid introduction of air into mixed material by controlling drill speed and mixing method. Thoroughly mix materials using a low speed drill with a mixing paddle. Scrape the sides and bottom of the pail while mixing.

Limitations: Cold temperatures will slow down reaction time and increase viscosity. Do not use below 50°F (4°C). Material that is off ratio or not mixed thoroughly will not cure to full strength and may remain tacky indefinitely. If installed during cool or humid conditions, may result in oily blush forming on the surface. Wipe off with 4:1 mixture of water and vinegar. Not for use with potable water. Recoat within 24 hours.

Storage & Clean Up

Storage: Store in dry environment between 40° and 80°F (4.4 - 27°C). Do not allow product to freeze. Shelf life: 1 year from date of manufacture in unopened containers properly stored. Protect from moisture.

Clean Up: Clean off of skin with soap and water immediately.

Environmental Protection

Cured material is environmentally safe. Dispose of in according to appropriate regulations. Clean up any spilled catalyzed liquid material and dispose of according to local, state and federal regulations.

Shipping

Shipping Class: Flammable liquids, N.O.S. Resin Solution, UN 1866, Class 3, PG II

D.O.T. Hazard Classification: 3

Health & Safety

Safety: “Use OSHA approved personal protective equipment (PPE), including safety glasses, gloves and confined space equipment/ procedures if applicable. Avoid skin contact; do not ingest. See SDS for complete safety precautions. For professional use only.

First Aid

Eye Contact: Immediately flush with large amounts of water. Seek medical attention. **Inhalation:** Move to fresh air if symptoms occur. If breathing is difficult, seek medical attention. **Ingestion:** Seek medical attention immediately. **Skin Contact:** Wipe off contaminated area and wash with soap and water immediately.

Manufacturing

Products manufactured by Prime Resins, Inc. in U.S.A. under strict quality assurance practices at our Conyers, GA plant.

Warranty & Disclaimer

Prime Resins, Inc. warrants its products to be free from manufacturing defects and that products meet the published characteristics when tested in accordance with ASTM and Prime Resins standards. No other warranties by Prime Resins, Inc. are expressed or implied, including no warranty of merchantability or fitness for a particular purpose. Prime Resins, Inc. will not be liable for damages of any sort resulting from any claimed breach of warranty. Prime Resins' liability under this warranty is limited to replacement of material or refund of sales price of the material. There are no warranties on any product that has exceeded the “shelf life” or “expiration date” printed on the package label.