

PEC[™]

Polyamine Epoxy Coating



Building
&
Transportation



Oil, Gas
&
Industrial



Offshore
&
Onshore



Water
&
Wastewater



PRODUCT DESCRIPTION

CTech-LLC[®] Polyamine Epoxy Coating (**PEC[™]**) is an excellent choice for use as a floor top coat of a high-performance epoxy based coating system. The PEC[™] is a two component polyamine cured epoxy coating which has excellent gloss, color retention, good chemical and solvent resistance. The PEC[™] is designed for use in commercial, industrial and residential floor applications.

ADVANTAGES

- Excellent mechanical strength.
- High Oil resistance.
- High chemical resistance against weak acids & alkalis
- Outstanding application properties
- Abrasion Resistant
- Low odour, environmental friendly.

TECHNICAL DATA

Finish	Semi-gloss & Gloss
Color	Upon request
Recommended D.F.T.	1000 microns
Mixed Ratio (Base : Curing Agent)	100 : 18
Volume Solids Ratio	100%
Mass Volume Density	1.5 gr/cm ²
Induction time	30 minutes
Curing Time	6-8 Hours
Full Cure After	7 Days
Pot Life	15 minutes

* Testing temperature: 21°C

TYPICAL USES

As a high quality floor top coating for a wide range of substrates. The PEC[™] is designed for use in commercial, industrial and residential floor applications

INSTALLATION PROCEDURE

SURFACE PREPRATION

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, mill scale, form release agents, curing compounds, loose and flaking paint and other surface contaminants.

MIXING

- First stir base component and hardener separately.
- Using a mixer at low speed, blend correct proportions of base and hardener for three to five minutes until completely blended.
- Care must be taken to assure both components are completely mixed in order to avoid partially cured spots in the coating.
- Allow to induct for 30 minutes.

APPLICATION

- Immediately pour this mixture onto a well primed surface.
- Using steel serrated trowel spread the mixture well on to the surface to a thickness of 1mm.
- It is very important to pierce the coating with a spiked roller, after achieving the desired thickness, to avoid air bubbles.

STORAGE & SHELF LIFE

The material should be stored at temperatures between 5°C to 35°C to ensure shelf life.

Shelf life is 18 months when stored as recommended in original unopened containers

CAUTION

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental

hazards, handling precautions and first aid recommendations.

CTech-LLC[®]

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IMPORTANT NOTE:

Before using any CTech-LLC[®] product, the user must review the most recent version of the product's technical data sheet, material safety data sheet and other applicable documents, available at www.ctech-llc.com.

WARANTY:

CTech-LLC[®] warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within one month of the date of purchase. CTech-LLC[®] shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory. The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before utilizing.
