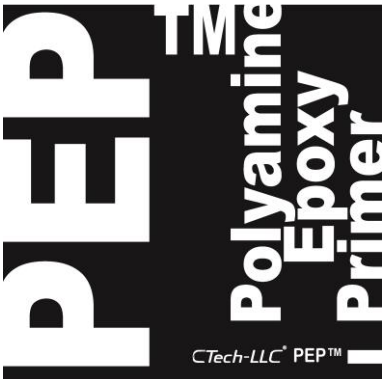
Technical Data Sheet
TDS-206-02321

PEP™

Polyamine Epoxy Primer

Building & Transportation | Oil, Gas & Industrial | Offshore & Onshore | Water & Wastewater



PRODUCT DESCRIPTION

CTech-LLC® Polyamine Epoxy Primer (**PEP™**) is an excellent choice for use as a floor base coat of a high-performance epoxy based coating system. The PEP™ is a two-component product made mainly of epoxy resin and modified amine resin which is suitable for properly prepared carbon steel, stainless steel, aluminum, concrete, galvanized steel, shop primed steel and thermally sprayed zinc substrates. With proper top coating, the PEP™ demonstrates excellent resistance to moisture and chemicals, including solvents, acids, and alkalis.

ADVANTAGES

- Excellent adhesion to a wide range of substrates.
- A high performance two pack epoxy primer specially designed to penetrate into, and seal the surface of concrete.
- Enhancing the strength of the concrete surface due to its excellent adhesion, permeability, water resistance and chemical resistance.
- A low viscosity and fast dry primer.
- Low odour, environmental friendly.

TECHNICAL DATA

Mixed Ratio (Base : Curing Agent)	100:13
Volume Solids Ratio	0.32%
Mass Volume Density	0.96 gr/cm^2
Induction time	30 minutes
Curing Time	24 Hours
Full Cure After	7 Days
Pot Life	4 Hours

* Testing temperature: 21°

TYPICAL USES

As a high quality floor coating primer for a wide range of substrates. The PEP™ 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 jiffy 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

The product can be applied by:

- Airless Spray

Equipment capable of maintaining of 2500 psi at the tip without surge. 0.015 inch (0.38 mm) to 0.019 inch (mm) orifice.

- Brush/Roller

Use a high quality bristle brush or a high quality polyester-nylon roller cover with a resistant core.

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.

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