

Technical Data Sheet  
TDS-806-01321

# EZP™

## Epoxy Zinc-Rich Primer



Building  
&  
Transportation



Oil, Gas  
&  
Industrial



Offshore  
&  
Onshore



Water  
&  
Wastewater



### PRODUCT DESCRIPTION

CTech-LLC<sup>®</sup> Epoxy Zinc-Rich Primer (**EZP™**) is a two component, metallic zinc rich epoxy primer formulated to provide corrosion protection to steel substrates in both maintenance and new construction situations. As a high performance anti-corrosive primer, EZP™ gives maximum protection as part of any anti-corrosive coating system for aggressive environments including those found on offshore structures, petrochemical facilities, pulp and paper plants, bridges and power plants.

### ADVANTAGES

- Provides excellent corrosion protection
- No need to mist coat - saves time
- Economical zinc rich epoxy
- Can topcoat with a range of coating types, such as epoxies, polyurethanes, and chlorinated rubbers.

### TECHNICAL DATA

Colour	Grey
Mixed Ratio (Base : Curing Agent)	100 : 50
Volume Solids Ratio	Approx. 38%
Gloss	Matt
Recommended DFT / Coat	35 - 50 microns
Induction time	30 minutes
Hard Dry at 30°C	12Hours
Full Cure at 30°C	7 days
Pot Life	6 Hours

### TYPICAL USES

Suitable for structural steel and piping exposed a wide range of corrosive atmospheric environments. Recommended for offshore environments, refineries, power plants, bridges, buildings, mining equipment and general structural steel. Specially designed as a primer for coating systems where extended durability is required.

### INSTALLATION PROCEDURE

#### SURFACE PREPRATION

- Surfaces must be dry, clean and free from contaminants.
- Ensure removal of dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
- Steel, abrasive blast clean to min. Sa 2 1/2 (ISO 8501-1: 2007) or SSPC –SP6.
- A blasting profile of (Rz) 50-75 microns is recommended.
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#### MIXING

- Mix hardener gradually into the base under continuous stirring as per the mixing ratio. Once the unit has been mixed, it should be consumed within the working pot life.
- Continuous stirring is required during the application to avoid settling of zinc dust

#### APPLICATION

- Brush/roller
- Conventional spray
- Airless spray

#### 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 is an industrial product designed for use by experienced Protective Coating applicators. Ensure that you read and

understand the safety precautions (SDS) on the relevant Material Safety Data Sheets before using.

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**CTech-LLC<sup>®</sup>**

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**IMPORTANT NOTE:**

Before using any CTech-LLC<sup>®</sup> 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](http://www.ctech-llc.com).

**WARANTY:**

CTech-LLC<sup>®</sup> 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<sup>®</sup> 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.

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