



ULTRAPOXY ZP

ألترابوكسي زد بي

Two-Parts, Amine Cured Epoxy Resin Based ,Zinc Phosphate rich, protection primer and Coating

Technical Specifications

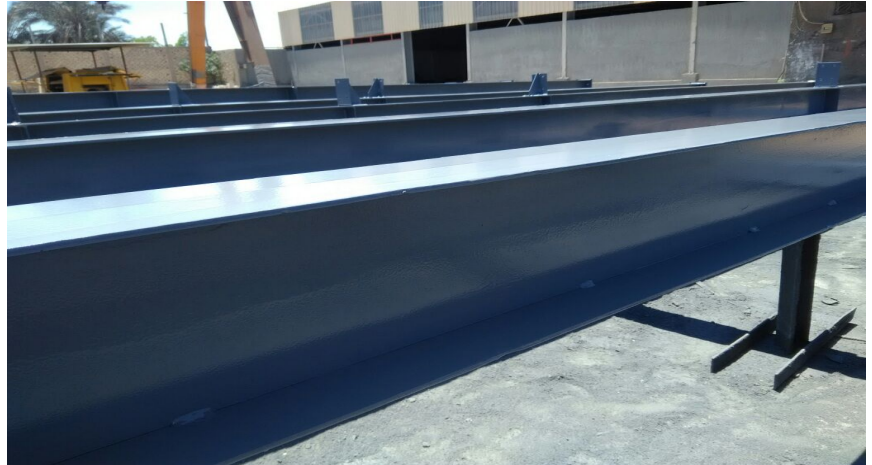
- Density : 1.43 gm/cc.
- Solid Content: 76 ± 2 % .
- Color : Gray, and Brick red.
- Pot Life: 3 Hours @ 25° C.
- Touch Dry Time: 2 Hours@ 20° C .
- Second Coat: 4 hours.
- Flash Point: > 30 ° C.
- Mixing Ratio: 89 Base: 11 Hardener.
- Thinner : GB Epoxy Solvent
- Bond Strength: 3 N/mm².
- Abrasion Resistance: 50 mg/1000 cycles.
- Initial Hardness: 24 hours.
- Full Cure: 7 days.
- Recommended D.F.T: 60-150 µm.

Application and Rates

- High application rate; 6.6 m²/ Kg. according to the roughness and nature of the surface. (For 60 Microns Thickness).
- **UltraPoxo ZP** supplied in two-packs Tin and plastic packs weighing 20 Kg.
- Applied by brush roller or preferably by spraying machine.

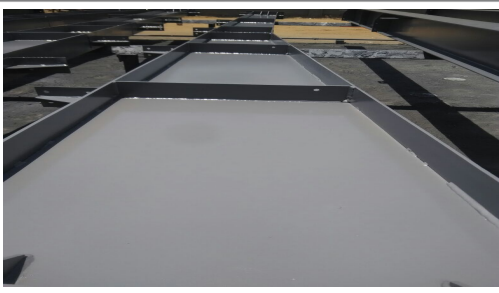
Product Handling and Storage

- Store all material in a cool, covered dry place. Do not expose the pails to direct sunlight and keep away from all sources of heat. In tropical climatic conditions, the product has to be stored in an air- conditioned environment and protected from high humidity.
- The shelf life of the product is 24 months in unopened condition if stored as per the recommendations. Exposure to high temperature and humidity will result in considerable deterioration of the product and reduce its shelf life.



UltraPoxo ZP, the features:

- High performance, amine cured, epoxy primer and protective coating for various types of surfaces providing protection against corrosion and wear.
- It contains zinc phosphate pigment which is a good anticorrosion for metal, it makes a galvanic layer which protects the steel against corrosion and rust .
- Could be used as a primer, mid coat, or finish coat or as single coat system in atmospheric environment.
- It is easy to apply by brush, roller, or airless spray machines with high application rate/ day.
- Could be applied on all surfaces, and adheres very well to all surfaces, giving semi-gloss gray finish.



Applications

- **Protection of steel pipes and fittings.**
- **Internal lining of water supply pipes and lines.**
- **Applied for steel hangers structures in places contain chemicals and chemical fumes as a primer before application of finish coats.**
- **Applied for steel stairs and floors.**
- **could be applied on production machines and lines for protection against corrosion and chemicals attack..**
- **UltraPoxy ZP is used in workshops Repair shops, Stores and fabrication units.**

Health and Safety

As with all construction chemical products, caution should always be exercised.

Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

Application Procedure:

Surface preparation:

- Proper care should be taken while applying **UltraPoxy ZP**.
- The surface should be dry, free of any old paint, oil and grease, and any other contaminants, which may affect the bonding between epoxy coat and the metal surface.
- Light mechanical scrapping, grit/captive blasting.
- Metal surfaces should be sandblasted at least at "Commercial Blast Cleaning" or "Sa2".
- After sandblasting the remnant sand or dust should be properly cleaned from the metal surface

Mixing

- Mix part A (resin) separately for 1 minute using a slow speed drill fitted with a paddle. Then add Part B into Part A and mix thoroughly for 2 – 3 minutes to achieve uniform consistency. Apply immediately after mixing.
- In case of airless spray thinning of the product may be needed for ease of application, **GB Epoxy Solvent** is the most suitable thinner.

Application

- **UltraPoxy ZP** has to be applied and spread evenly on the metal surface with suitable application. The coating may be applied also by airless spray to get a higher application rate and evenly surface.
- Humidity should not exceed 70 % and temperature not below 5° C. when apply **UltraPoxy ZP** specially in outdoor applications.

Cleaning

Clean all tools & equipments with GB Epoxy Solvent immediately after use. Hardened materials can be removed mechanically only.



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