EPOPROTECK ZINC RICH 3055

Zinc rich epoxy primer



Product Description

LP Epoprotek Zinc Rich 3055 is an amino polyamide cured high molecular weight epoxy zinc rich primer. This product is based on inert anticorrosive pigments (Zinc Dust) & fillers ideal to use in very high corrosive environment as a primer coat. This product has very good adhesion, toughness, water, chemical & abrasion resistance and long durability.

Typical Use

It is recommended for use on metal substrates like carbon steel, aluminum and tin. This product is useful for the application on pipelines, tanks, and on concrete substrates also.

Technical Data

% Solids By Weight (NVM)	84 +/- 2		
% Solids By Volume	55 +/- 2		
Colour	Grey		
Gloss @ 60 G. H.	Matt		
Specific Gravity (Density/WPL) kg/L	2.35 +/- 0.2		
Flash Point	≥26°C		
VOC gm/L	≤425		
Theoretical Coverage m ² /L	Max 11.0	Min 7.8	STD 9.1
Dry Film Thickness (DFT in microns) Wet Film Thickness (WFT in microns)	50 91	70 128	60 110
Mixing Ratio	3 Parts Base & 1 Part Hardener		
Thinner Intake	30 – 40% for air spray and 5 – 10% for airless spray (Epoxy Thinner #30)		
Pot Life @ 30°C	4 Hours		
Drying Characteristics @ 30°C & ≤85% Humidity			
Surface Dry	30 40 Minute	es	
Tack Free	4 Hours		
Full Cure (Min.)	24 Hours		
Recoating Time (Min.)	6 hours		
Recoating Time (Max.)	5 Days 12 Months		
Shelf Life & Storage	Keep the containers in a dry, cool, well ventilated space and away from direct sunlight, sources of heat and ignition. Containers must be always kept tightly closed.		
Pack Size	4L, 18L, 20L		

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Application Guidelines

• Surface Preparation:

Substrate shall be clean. Traces of dust, rust, wax, oil, grease, loose particles, flakes and other contaminants shall be removed with the use of proper cleaning solvent as mentioned in the SSPC-SP1. Light sanding with abrasive material is recommended, resulting dust should be removed properly. Surface to be recoated should clean thoroughly before application.

Paint System:

Epoprotek Zinc Rich 3055 — 1 coat
Epoprotek Mid Coat — 1 coat
Epoxy Topcoat/PU Topcoat/Alkyd Topcoat — 1 or 2 coats

Application Tools:

1. Conventional Air Spray : Recommended. Add up to 30% - 40% thinner

Brush or Roller : Care should be taken to achieve recommended DFT.

• Air Pressure: 40 – 50 bar

Tip Size of spray gun: 1.4 – 1.6mm

Ensure adequate ventilation while spraying and drying

• Substrate temperature must be 3°C above dew point

Health & Safety Measures

(Recommended to Read this section before application)

Keep out of reach of children

Recommended to wear overalls, safety goggles and solvent mask while spraying

Avoid contact with skin and eyes.

First-Aid

Eyes : Immediately flush eyes with water and seek medical help

Skin : Use soap & water or appropriate cleaner

Inhalation : Allow to breath fresh air, loose the neckline and keep him/her rested

Ingestion : Obtain medical help without asking for omitting

Disclaimer

The data provided in this sheet is given to the best of our knowledge and based on laboratory testing and practical experience. We cannot guarantee anything but the product since the conditions and methods during application vary. We reserve the right to change the given data without prior notice. The product data sheet supersedes those previously issued.

For more information, contact our Liberty Paints Representative or go to www.libertypaintsarabia.com or reach to us on support@libertypaintsarabia.com

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