

ZINC PHOSPHATE PRIMER GREY 1080

Oxidative drying ZP primer grey



Product Description

LP Zinc Phosphate Primer Grey is an air drying anticorrosive primer based on zinc phosphate. This product is based on oil modified polyester and with the use of inert pigments & fillers ideal to use in mild corrosive environment as a primer coat. This product can be used at interior as well as exterior substrates.

Typical Use

It is recommended for use on metal substrates like carbon steel, aluminum and tin on both interior and external areas. This product is also recommended to be used at marine decks for touch up related requirements.

Technical Data

% Solids By Weight (NVM)	70 +/- 2		
% Solids By Volume	52 +/- 2		
Colour	Grey		
Gloss @ 60 G. H.	Matt		
Specific Gravity (Density/WPL) kg/L	1.53 +/- 0.2		
Flash Point	≥44°C		
VOC gm/L	≤305		
Theoretical Coverage m ² /L	Max	Min	STD
	17.3	10.4	13.0
Dry Film Thickness (DFT in microns)	30	50	40
Wet Film Thickness (WFT in microns)	60	100	80
Mixing Ratio	NA. Single Pack Product		
Thinner Intake	20 – 30% (Enamel Thinner #10)		
Pot Life @ 30°C	NA. Single Pack Product		
Drying Characteristics @ 30°C & ≤85% Humidity			
Surface Dry	90 Minutes		
Tack Free	6 Hours		
Full Cure (Min.)	24 Hours		
Recoating Time (Min.)	8 hours		
Recoating Time (Max.)	Infinite		
Shelf Life & Storage	12 Months		
	<i>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.</i>		
Pack Size	0.5L, 1L, 4L, 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:**

Zinc Phosphate Primer Grey 1080 – 1 or 2 coats
Enamel Topcoats – 1 or 2 coats

- **Application Tools:**

1. Conventional Air Spray : Add up to 30% thinner
2. Brush or Roller : Recommended. Care should be taken to achieve recommended DFT.

- Air Pressure: 40 – 50 bar
- Tip Size of spray gun: 1.2 – 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