

# QD PRIMER ZP 1500

Oxidatively fast drying Zinc Phosphate primer



## Product Description

LP QD Primer ZP 1500 is an oxidatively superfast drying special anticorrosive primer developed with the use of Zinc Phosphate pigments. This product is based on specially oil modified polyester and with the use of inert pigments & fillers ideal to use in mild corrosive environment as a primer coat where high productivity is required. 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 specially recommended to be applied on metal materials used in scaffoldings.

## Technical Data

% Solids By Weight (NVM)	72 +/- 2		
% Solids By Volume	60 +/- 2		
Colour	White, Grey, Red		
Gloss @ 60 G. H.	Matt		
Specific Gravity (Density/WPL) kg/L	1.56 +/- 0.2		
Flash Point	≥27°C		
VOC gm/L	≤360		
Theoretical Coverage m <sup>2</sup> /L	Max	Min	STD
	20.0	12.0	15.0
Dry Film Thickness (DFT in microns)	30	50	40
Wet Film Thickness (WFT in microns)	50	85	67
Mixing Ratio	NA. Single Pack Product		
Thinner Intake	20 – 30% (QD Thinner #12)		
Pot Life @ 30°C	NA. Single Pack Product		
Drying Characteristics @ 30°C & ≤85% Humidity			
Surface Dry	10 Minutes		
Tack Free	30 Minutes		
Full Cure (Min.)	12 Hours		
Recoating Time (Min.)	2 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	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:**

QD Primer ZP 1505 – 1 or 2 coats  
QD Enamel / Nimble 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](http://www.libertypaintsarabia.com) or reach to us on [support@libertypaintsarabia.com](mailto:support@libertypaintsarabia.com)