



# Epoxy Primer ZP

Description	System Recommendation																		
<p>Epoxy Primer ZP is a low voc polyamide cured epoxy primer based on zinc phosphate pigment. Specially formulated to provide excellent corrosion, chemical and water resistance, with a high performance high build coating.</p>	<p><b>On Steel/Metal Substrates:</b></p> <p><b>Epoxy Primer ZP 1 Coat 60 Microns DFT</b></p> <p>Hi-Solids Catalyzed Epoxy 2 Coats @ 50 Microns DFT each coat /</p> <p>Hi Build Aliphatic Polyurethane 2 Coats @ 50 Microns DFT each coat</p> <p><b>On Galvanized Steel :</b></p> <p><b>Epoxy Primer ZP 1 Coat 60 Microns DFT</b></p> <p>Hi-Solids Catalyzed Epoxy 2 Coats @ 50 Microns DFT each coat /</p> <p>Hi Build Aliphatic Polyurethane 2 Coats @ 50 Microns DFT each coat</p> <p><b>Drying Time:</b> Typically at recommended film thickness , drying time is generally depend on good ventilation.</p>																		
Characteristics	<table border="1"> <thead> <tr> <th rowspan="2">Substrate Temp</th> <th rowspan="2">Dry to Touch</th> <th rowspan="2">Dry to Handle</th> <th colspan="2">Re-coating Interval</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>23° C</td> <td>2.5 hr</td> <td>24 hr</td> <td>10 hr</td> <td></td> </tr> <tr> <td>35° C</td> <td>2 hr</td> <td>20 hr</td> <td>8 hr</td> <td></td> </tr> </tbody> </table>		Substrate Temp	Dry to Touch	Dry to Handle	Re-coating Interval		Minimum	Maximum	23° C	2.5 hr	24 hr	10 hr		35° C	2 hr	20 hr	8 hr	
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<p><b>Colour</b> As per color card</p> <p><b>Finish</b> Semi Gloss</p> <p><b>Solid contents (% by volume)</b> 70 ± 2 %</p> <p><b>Specific Gravity</b> 1.37- 1.47</p> <p><b>Recommended dry Film Thickness</b> 60 microns</p> <p><b>Theoretical Coverage:</b> 11.66 m<sup>2</sup>/ltr</p> <p><b>Flash Point:</b> 38°C</p> <p><b>Mixing Ratio by volume : 4 Parts Comp A and 1 Part Comp B</b></p> <p><b>Properties tested as per international Standards</b></p> <p><b>Viscosity</b> ASTM D 4287</p> <p><b>Specific Gravity</b> ASTM D 1475</p> <p><b>Gloss</b> ASTM D 523</p>																			
Packing Size	Storage & Handling																		
<p>1 USG and 5 USG. Packing may vary from country to country according to local requirements. Also available in bases for instant color mixing at point of sale through Sherwin Williams automatic dispensing system</p>	<p>Product must be stored in accordance to national regulations. The product should be kept in well ventilated place protected from heat and direct sunlight. The containers must be kept tightly closed.</p>																		



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## Epoxy Primer ZP

### Safety Precautions

Material health and safety data sheet is available upon request. Please observe the precautionary notice displayed on the container. Ensure proper ventilation during application and drying of paint. Avoid inhalation of paint mist and vapors and skin contact. Spillage of paint on skin should immediately be removed with suitable cleanser soap and water. Eyes should be well flushed with water and immediate medical attention should be sought.

### Application Procedures

#### Surface Preparation:

Steel / Metal : Roughen the surface by sand blasting SA 2.5, shot blasting, mechanical scarification or suitable chemical means. The surface should be made free from moisture if any before application of the paint. Test the surface for moisture-free.

#### Application Conditions:

Minimum temperature at 15° C and relative humidity 20 - 85%.

#### Application Details:

Application method      By airless , Brush or roller  
Thinning                      Thinner YTF K-098 (only when required)  
Paint is ready to use  
Recommended thinning For brush/ roller / Airless  
max. 5 to 10 %

#### Guiding data for airless spray:

Nozzle orifice              .015 " - .019 "  
Nozzle Pressure            150 BARS / 2100 psi

### Recommended Uses

For use over prepared substrates such as steel and industrial environments and maintenance areas. Suitable for Metal and Steel Substrate.

### Environmental Compliance

**Lead Free Paint**