



**POLYURETHANE BASED ZINC PHOSPHATE PRIMER**

- GENERIC TYPE :** Two Component
- COMPOSITION :** Aromatic Polyurethane-based clear.
- RECOMMENDED USE :** As penetrating primer for concrete and wood surface.

**PHYSICAL CONSTANTS :**

<b>Color</b>	Assorted Shades
<b>Finish</b>	Glossy/Semi Glossy/Matt
<b>Solids by volume</b>	40% +- 2%
<b>Theoretical Spreading Rate</b>	13.3 - 16 sq.mtr./ltr. at recommended D.F.T. on smooth and non absorbent surface.
<b>Flash Point</b>	Above 25 deg. C.
<b>Drying Characteristics</b>	<b>DRY TO TOUCH</b> : 1-2 hrs. <b>DRY TO HANDLE</b> : 24 hrs. <b>FULLY CURED</b> : 7days
<b>Shelf Life</b>	6 months (of individual component) - Stored under proper condition of temp. & pressure.

**APPLICATION DETAIL :**

<b>Mixing Ratio (BY VOL.)</b>	Base: Hardener- 9 : 1
<b>Pot life</b>	4-6 hrs. At 25 deg. C.
<b>Application method</b>	By Brush or By Spray
<b>Thinner</b>	Chemilac PU Thinner
<b>Recommended dry film Thickness</b>	25 microns
<b>Indicated Film Thickness</b>	<b>WET</b> : 62.5 - 75 microns <b>DRY</b> : 25 - 30 microns
<b>Overcoating interval</b>	<b>MIN.</b> : 8 hrs. <b>MAX.</b> : 24 hrs.

<b>Compatibility</b>	Can be top coated with Epoxy, PU, and C.R. topcoats.
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**SURFACE PREPARATION :**

<b>Concrete</b>	
New Concrete	Ensure that the concrete is cured for minimum three months. The surface is to be made rough and free from bacteria and other contaminants by sand sweeping.
Old Concrete	Remove all salt deposit from the surface by water jet washing. Light sand blast the surface to remove all loosely bound coatings and roughening up of firmly adhering coatings to ensure anchorage with recommended system. Ensure all dust / other particles are fully removed by suction on air blast and the surface is fully cleaned and dried before application of paints.

**FILM PROPERTY CHEMICAL RESISTANCE :**

<b>EXPOSURES-SPLASH &amp; SPILLAGE-FUMES</b>	ACIDS	Fair	Good
	ALKALITES	Good	Good
	SOLVENTS	Good	Good
	SALTS	Good	Good
	WATER	Fair	Good
<b>TEMPERATURE RESISTANCE :</b>	<b>CONTINUOUS :</b> 93 deg. C. <b>INTERMITTENT :</b> 120 deg.C.		
<b>WEATHERABILITY :</b>	Very Good. Should be top coated for maximum durability		
<b>FLEXIBILITY :</b>	Very Good		
<b>ABRASION RESISTANCE :</b>	Good		

**Notes :**

- 1 Do not apply when temperature falls below 10 deg. C. or rises above 50 deg. C. and when relative humidity rises above 90%. Do not apply during rain, fog and mist.
- 2 Brushes and spray equipment should be cleaned with Chemilac's Thinner otherwise equipment is liable to be damaged.

**Pack Size :**

20 Liters, 4 Liters

**CONTACT**

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