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# HI-PERFORMANCE ZINC PHOSPHATE ALKYD PRIMER

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## ParsiAlkyd 2911Z

### DESCRIPTION

\* A single component anticorrosive primer based on selected modified alkyd resin and fine zinc phosphate . Red oxide is incorporated as main pigment.

### USES

\* Suitable single coat on steel surfaces in mild & moderate zones .  
\* As a primer in alkyd paint systems provided that intermediate and top coat are an alkyd base or low polar solvent content binders .

### FEATURES

\* Anodic passivating corrosion resistant .  
\* Fast drying .  
\* Excellent overcoat ability .  
\* Excellent applicability .  
\* Environmental friendly (chromate free).

### TECHNICAL DATA

<b>Finish</b>	Flat
<b>Colour</b>	Gray, Red Oxide ( Ochre), Other colour upon request <sup>1</sup>
<b>Specific gravity ( at 20 °C , Mix )</b>	1.50 ± 0.05 ( gr/cc )
<b>Volume solid</b>	55± 2 %
<b>Recommended DFT</b>	50 - 100 ( mic ) , <b>See note B</b>
<b>Flash point</b>	35 °C
<b>Shelf life ( at 20 °C )</b>	12 months
<b>Package</b>	16 Liters, others on request

<sup>1</sup> Technical data might be changed in some colored paints.

### SURFACE PREPARATION

1 - Abrasive blast up to SA 2½ or wire brush near to SP 11 .  
2 - Surface preparation on ST series is accepted when performance and application feasibility are compromise. **See note A**

### RECOMMENDED PAINT SYSTEMS

<b>P : 2911Z</b>	50 - 100	micron
<b>I : 2921, 2992P, 2922</b>	50 - 100	micron
<b>T : 2932, 2993P, 2933 (series)</b>	50 - 80	micron

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### APPLICATION DATA

Method Air / Airless spray , Brush (just for inaccessible area or touch up)  
Thinner / Cleaner T - 212 **Package: 25 Kg**

- Different thinner with different suffix maybe offered in hot and cold seasons.

#### Theoretical Coverage :

Dry film thickness (mic)	50	75	100
Coverage ( m <sup>2</sup> / lit )	10.2	6.8	5.1
Coverage ( m <sup>2</sup> / kg )	6.59	4.39	3.29

Touch dry ( 50 mic , 20 °C ) 1 hr

Tack dry ( 50 mic , 20 °C ) 10 hrs

- At higher dry film thickness, lower temperature and poor ventilation drying time will be longer.
- Application in closed area results in long touch & tack drying time and therefore longer minimum intervals. So sufficient air draft is required for maintaining normal application condition.

#### Recoating interval :

Surface temperature	10°C	20°C	30°C
Min. Interval ( hrs )	24	10	6
Max. Interval	Extended	Extended	Extended

- Extended : **See note E**
- The minimum required time for testing air drying alkyd paint is 10 -14 days in 20 °C.

### APPLICATION INSTRUCTIONS

- \* Check all equipments are dust, oil and moisture free. If needed , flush with cleaner thinner.
- \* It is recommended to use the paint with the temperature above 15°C, otherwise more thinner would be required to reach the application viscosity. Too much thinner may results in sagging, low thickness and poor hiding. In cold seasons it is recommended to keep the paint at a warmed up storage at least 3 days before use.
- \* Stir the paint well by a power mixer to a homogenous stick mixture before use.
- \* Thin the paint with defined thinner depend on required thickness & application viscosity then mix it again.

#### The given data could be adjusted by applicator in practical situation by his own actual trial.

	Pressure (atm)	Orifice	Tip Range	Thinner (vol%)
Air spray	4 - 6	1.5 - 3 mm		15 - 25
Air less	5 - 7	19 - 23 mic	219 - 323	5 - 15
Brush / Roller	Suitable for small areas only .			

### SURFACE TEMPERATURE

Must be at least 3°C above dew point, apply the coats when surface temperature is from 10°C to 40°C. Please contact Parsifam if the substrate temperature is lower or higher.

### SAFETY

- ▲ Due to high flammability , keep away the paints from heat , sparks and flames.
- ▲ Avoid contact the paints with eyes and skin.
- ▲ Use mask & gloves and provide suitable ventilation for the reasons of health and safety.

**REMARKS :** The information submitted in this data sheet is based on our best current knowledge and experiences. The ultimate performance of this coating is quite related to quality of surface preparation, application procedure and conditions and even storage conditions that limit our liability to the submitted figures in technical and application data .