



Manufacturer of Industrial,  
Protective, Marine Traffic, Automotive  
& Decorative Paints



## Zinc Phosphate Alkyd Paint

KRS-601



### Description & Recommended Use

Zinc phosphate alkyd is a one component coating. Due to the presence of zinc phosphate pigment, with good anti corrosive and paint system alkyd-based abrasion resistance. It is an anoxic paint. It has good resistance to moisture, Vapour and industrial environment. This paint can be avoided to progress of corrosion from small scratch. This product is also for industry and marine tankers, Food and industrial machines & steel structures. It has excellent adhesion and coverage.

### Surface Preparation

The surface should be free from any rust, moisture, mill scale, oil & grease

Mechanical & chemical surface preparation methods should be performed depending on the type of contamination, the coating system environmental condition & the service life

For ferrous & Steel use blast in accordance with sa2 or sa2 ½ & remove all the abrasive residues & dust from the surface after sandblasting.

Apply the paint immediately followed by surface preparation

### Data Sheet / Technical Data at 25 ° C

Binder	alkyd
Components	One
Colour	grey (according to order )
Finish	flat
Density (gr/cm <sup>3</sup> ) (A+B)	1/35±0.05
Sold Contents (by weight) (A+B)	73%±2
Solid Contents (by volume) (A+B)	50%±3
Dry film thickness(μ)	40±65 μ
Theoretical coverage at 50μ	10m <sup>2</sup> /lit
Flash point	38 ° C
Storage condition	Store in dry & cool

### Technical Application Details at 25 ° C

Curing mechanism	oxidation & solvent release
Mixing ratio (by weight) (A/B)	----
Mixing ratio (by volume) (A/B)	----
Thinner	1101
Dry to touch	1/5 hours
Dry to handle	8 hours
Fully cured	one week
Min. time to overcoat	24 hours
Max. time to overcoat	4 weeks
Shelf life (Standard condition)	9 Month

### Description

#### Application Equipment

Conventional Spray



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Airless Spray

Brush

Pump ratio: 28:1

Tip: 0.38 mm-0.53 mm

Nozzle pressure: 150 bar/ 2200 psi

## Code

### Environmental Conditions

Air temperature: 10°C – 40°C

Surface temperature: 10°C – 40°C

To prevent moisture condensation

During application surface temperature must be at 3 °C above the dew point

## Application procedure

Flush equipment with cleaner before use

Stir two components with a power mixer. Notice pot life time and mixing ratio

Use Shakiba` s thinner for adjusting the viscosity

The thinner should be added gradually

The consumption depends on temperature and type of equipment and thickness paint

Clean all equipment with Shakiba` s thinner

## Safety

This product is flammable it must be kept away from heat, flash & flame

keep container closed use with adequate ventilation & Earth

Prolonged & repeated contact with skin may be harmful

In case of eye contact flush with plenty of water and check with a medical doctor.

## Note

Density, solid contents theoretical coverage is dependent on colour

Drying time is dependent on air and steel temperature, applied film thickness.

Never apply coatings under environmental condition.

Adjusting the viscosity & pressure. For better adhesion on un steel, we offer wash primer as on under.

This information given 25temperature and changed temperature cause to change data Don` t use different thinner;  
otherwise, we decline all responsibilities of it.

For more information, please call to sale engineering expert.



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