



# 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 environ mental 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/cm3) (A+B) 1/35±0.05 Sold Contents (by weight) (A+B) 73% + 2Solid Contents (by volume) (A+B) 50%±3 Dry film thickness(µ) 40±65 μ Theoretical coverage at 50µ 10m2/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 4 weeks Max, time to overcoat Shelf life (Standard condition) 9 Month

#### Description

**Application Equipment Conventional Spray** 





Phone: (+98)21-364 247 92-4





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

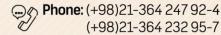
Drying time is dependent on air and steel temperature, applied film thickness.

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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