



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



## Zinc Chromate – Iron Oxide Epoxy Polyamide Primer KRS-228



### Description & Recommended Use

It is a two-component coating base on epoxy resin and includes zinc chromate as anti-corrosive pigment so this is one of the best anti-corrosive products which is recommended in the severe atmosphere condition. It has very good adhesion to and used for steel structure, machineries, pipes, tanks, bridges, power plants and industrial environments.

### 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.

If paint application without primer 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	epoxy – polyamide
Components	two
Colour	Red Finish
Finish	matt
Density (gr/cm <sup>3</sup> ) (A+B)	1.45±0.05
sold Contents (by weight) (A+B)	71%±2
Solid Contents (by volume) (A+B)	50%±3
Dry film thickness(μ)	50±5 μ
Theoretical coverage at 50μ	7.1±0.4 m <sup>2</sup> /lit
Flash point	25 ° C
Storage condition	12 Month

### Technical Application Details at 25 ° C

Curing mechanism	Chemical reaction
Mixing ratio (by weight) (A/B)	80/20
Mixing ratio (by volume) (A/B)	----
Pot life	8 hr
Thinner	239
Dry to touch	2 hours
Dry to handle	4 hours
Fully cured	2 weeks
Min. time to overcoat	24 hours
Max. time to overcoat	4 weeks
Shelf life (Standard condition)	----

### Description

#### Application Equipment



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Conventional spray  
Airless Spray  
Brush

## 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 recommended cleaner before use

Stir component A (base) with a Power Mixer.

Add hardener to base in the proper Mixing continue stirring for 5-10 Minutes.

After 20 – 30 minutes add Shakiba's thinner for ready to use

Use Shakiba's thinner for adjusting the viscosity.

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

## 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

Pot life, 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 25°C temperature 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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