



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



## Epoxy Concrete Primer

## KRS-250



### Description & Recommended Use

It is a two-component primer base on epoxy resin. It is generally without any pigment to fill porosity and narrow cracks and to prevent wasting paint. It can be applied in several layers, depending on penetration of surface. This can be applied on different kind surfaces such as cement, plaster, and etc.

### Surface Preparation

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

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

Apply the primer immediately followed by surface preparation

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

Binder	epoxy – polyamide
Components	Two
Colour	Colourless
Finish	gloss
Density (gr/cm <sup>3</sup> ) (A+B)	2±0.1
solid Contents (by weight) (A+B)	39%±1
Solid Contents (by volume) (A+B)	33%±1
Dry film thickness(μ)	160-200
Theoretical coverage at 50μ	250 gr/m <sup>2</sup>
Flash point	23 ° C
Max. time to overcoat	72 hr

### Technical Application Details at 25 ° C

Curing mechanism	Chemical reaction & solvent release
Mixing ratio (by weight) (A/B)	80/20
Mixing ratio (by volume) (A/B)	80/20
Pot life	6 hr
Thinner	239
Dry to touch	2 hr
Dry to handle	6 hr
Fully cured	10 hr
Min. time to overcoat	24 hr
Shelf life (Standard condition)	12 Month

### Description

#### Application Equipment

Conventional Spray

Airless Spray

Brush



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## Code

### Environmental Conditions

Air temperature: 10°C – 40°C

Surface temperature: 10°C – 40°C Traffic

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 paint with a Power Mixer.

Use Shakiba's thinner for adjusting the viscosity.

The thinner should be added gradually.

The consumption depends on temperature & type of equipment & 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

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.



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