



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



## Varnish Epoxy KRS-223



### Description & Recommended Use

Varnish epoxy is a two-component coating. This product is based on epoxy resin and polyamide hardener for decorative and portative purposed. This varnish has high gloss & adhesion. It has high resistance in unsuitable condition

Varnish can be used as a protector and coverage creative on wood surfaces, furniture, packets, brick – made, concrete & steel surfaces.

### 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 epoxy flooring 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)	0/93±0.05
Sold Contents (by weight) (A+B)	45%±2
Solid Contents (by volume) (A+B)	40%±3
Dry film thickness(μ)	30–40 mm
Theoretical coverage at 50μ	10 m <sup>2</sup> /lit

### Technical Application Details at 25 ° C

Curing mechanism	Chemical reaction & solvent release
Mixing ratio (by weight) (A/B)	4/1
Mixing ratio (by volume) (A/B)	4/1
Pot life	8 hr
Thinner	239
Dry to touch	3 hr
Dry to handle	12 hr
Fully cured	1 weeks
Min. time to overcoat	----
Max. time to overcoat	----
Shelf life (Standard condition)	12 Month

### Description

#### Application Equipment

Conventional Spray

Airless Spray

Brush (for corners)

Pump ratio: 28:1



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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 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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