



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



Varnish Epoxy KRS-212



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 & grease.

Mechanical & chemical surface preparation methods should be performed depending on the type of contamination, the coating system environ mental 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	colourless Finish
Finish	gloss
Density (gr/cm ³) (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 μ
Theoretical coverage at 50μ	10 m ² /lit
Flash point	21 ° C
Storage condition	Store in dry & cool

Technical Application Details at 25 ° C

Curing mechanism	Chemical reaction
Mixing ratio (by weight) (A/B)	4/1
Mixing ratio (by volume) (A/B)	5/1
Pot life	8 hr
Thinner	239
Dry to touch	3 hours
Dry to handle	12 hours
Fully cured	1 week
Min. time to overcoat	----
Max. time to overcoat	----
Shelf life (Standard condition)	12 Month

Description

Application Equipment



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Conventional spray
Airless Spray
Brush (for corners)
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 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

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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