



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



Epoxy High Build Top Coat KRS-218



Description & Recommended Use

Epoxy topcoat is a two-component coating. It provides a glossy, level and smooth film which is resistance against scratching & abrasion as well as humidity and chemicals suitable as finish coat in various epoxy paint systems and excellent chemical resistance against weak acid and alkalis. This product is also recommended for drinking water tanks and pipes.

Such a coating system is recommended for power plants, petrochemical & oil refining, machinery, steel structures and etc.

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

Apply the paint immediately followed by surface preparation

Data Sheet / Technical Data at 25 ° C

Binder	epoxy – polyamide
Components	two
Colour	white (according to order)
Finish	Gloss
Density (gr/cm ³) (A+B)	1.45±0.05
sold Contents (by weight) (A+B)	75%±2
Solid Contents (by volume) (A+B)	53%±3
Dry film thickness(μ)	40-65 μ
Theoretical coverage at 50μ	10.6 m ² /lit
Flash point	22 ° C
Storage condition	Store in dry & cool

Technical Application Details at 25 ° C

Curing mechanism	Chemical reaction
Mixing ratio (by weight) (A/B)	5.7/1
Mixing ratio (by volume) (A/B)	5/1
Pot life	8 hour
Thinner	239
Dry to touch	2 hours
Dry to handle	8 hours
Fully cured	1 week
Min. time to overcoat	----
Max. time to overcoat	----
Shelf life (Standard condition)	12 month

Description

Application Equipment

Conventional spray



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Airless Spray
Brush (for corners)
Pump ratio: 1:45
Tip: 0.38 mm-0.53 mm

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 pai

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.

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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