



Epoxy Polyamine Top Coat KRS-218

Description & Recommended Use

Epoxy polyamine topcoat is a two-component coating. this product has good resistance to splash and fumes of an acids, alkalis, solvent and fresh and salt water steel and off shore structures, as well as exterior tank and pipe surfaces can be coated by this paint to obtain higher resistance in corrosive environment. Such as coating system is

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

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/cm3) (A+B) 1.40 \pm 0.05
sold Contents (by weight) (A+B) 70% \pm 2
Solid Contents (by volume) (A+B) 52% \pm 3
Dry film thickness(μ) 40-65 μ Theoretical coverage at 50 μ 10.4 m2/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 6 hour 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

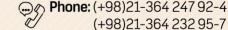
Description

Application Equipment Conventional spray

Airless Spray

Brush (for corners) Pump ratio: 1:45





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Factory: No727, Aven. Afra, Abas abad industrial state Boostan Ave, Veleniak St. Tehran, IRAN





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 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.



