



# 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 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)

 $\begin{array}{lll} \text{Finish} & \text{Gloss} \\ \text{Density (gr/cm3) (A+B)} & \text{1.45} \pm 0.05 \\ \text{sold Contents (by weight) (A+B)} & 75\% \pm 2 \\ \text{Solid Contents (by volume) (A+B)} & 53\% \pm 3 \\ \text{Dry film thickness}(\mu) & 40-65 \, \mu \\ \text{Theoretical coverage at } 50\mu & 10.6 \, \text{m2/lit} \\ \text{Flash point} & 22\,^{\circ}\text{C} \end{array}$ 

Storage condition Store in dry & cool

## Technical Application Details at 25 ° C

Curing mechanism Chemical reaction

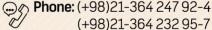
Mixing ratio (by weight) (A/B) 5.7/1 Mixing ratio (by volume) (A/B) 5/1 Pot life 8 hour Thinner 239 Dry to touch 2 hours Dry to handle 8 hours Fully cured 1 week Min, time to overcoat Max, time to overcoat 12 month Shelf life (Standard condition)

#### Description

Application Equipment Conventional spray











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.





