



# Anti-acid Epoxy Paint

KRS-218



# **Description & Recommended Use**

Anti- acid epoxy is a two-component coating. This paint formulated for concrete to provide resistance against Spillage of various chemicals such as alkaline, acids and salt solutions. This product can be used as a protective coating in factories warehouses Silos, etc. It provides long term resistance to corrosion even under mechanical strength condition.

## **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

Colour white (with limited shade)

**Finish** Gloss Density (gr/cm3) (A+B) 1.8±0.05 98%±2 sold Contents (by weight) (A+B) Solid Contents (by volume) (A+B) 98%±3 Dry film thickness(µ) 150±200 µ 0.49 m2/lit Theoretical coverage at 200µ Flash point 65°C

Storage condition Store in dry & cool

#### Technical Application Details at 25 ° C

Curing mechanism Chemical reaction

Mixing ratio (by weight) (A/B) 6.3/1 Mixing ratio (by volume) (A/B) 5/1 Pot life 1 hour Thinner Dry to touch 8 hours Dry to handle 5 days Fully cured 1 week Min, time to overcoat Max, time to overcoat

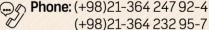
Shelf life (Standard condition) 12 month

#### Description

**Application Equipment** Knife-cut & trowel Airless Spray Brush (for corners)











Pump ratio: 1:45 Tip: 0.58 mm-1.45 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 minutes.

Since the pot life is limited & shortened by high temperatures, do not mix more material than will be used in 1 hours at 25°C

### 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.
For more information, please call to sale engineering expert.

