



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

AVA
BRS™
ISO 9001
HSE - ISO 14001
ISO 45001

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 | two |
| Colour | white (with limited shade) |
| Finish | Gloss |
| Density (gr/cm ³) (A+B) | 1.8±0.05 |
| sold Contents (by weight) (A+B) | 98%±2 |
| Solid Contents (by volume) (A+B) | 98%±3 |
| Dry film thickness(μ) | 150±200 μ |
| Theoretical coverage at 200μ | 0.49 m ² /lit |
| 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)



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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.



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