



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

AMA
BRS™
ISO 9001
HSE - ISO 14001
ISO 45001

Solvent Free Epoxy KRS-218



Description & Recommended Use

Epoxy polyamine solvent free is two component coating. This product provides long term resistance to corrosion even under aggressive conditions. Other characteristics of this paint are high chemical resistance acids and alkalis. Applicable in high film thickness. As a solvent free epoxy coating with excellent chemical and mechanical properties. Suitable for coating Industrial environments and both marine. Concrete in high wear services as well as dry abrasive blasted.

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)	1.85±0.05
solid Contents (by weight) (A+B)	100%±2
Solid Contents (by volume) (A+B)	100%±3
Dry film thickness(μ)	1-3
Theoretical coverage at 2 mm	0.5 m ² /lit
Flash point	65 ° C
Storage condition	Store in dry & cool

Technical Application Details at 25 ° C

Curing mechanism	Chemical reaction & solvent release
Mixing ratio (by weight) (A/B)	6.3/1
Mixing ratio (by volume) (A/B)	5/1
Pot life	45 min
Thinner	239
Dry to touch	7 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



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Airless Spray
Brush (for corners)
Pump ratio: 1:45
Tip: 0.58 mm-1.45 mm
Nozzle pressure: 250 bar/ 3600 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 minutes.
Since the pot life is limited & shortened by high temperatures, do not mix more material than will be used in the pot life period.

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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