



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

AMA
BRS™
ISO 9001
HSE - ISO 14001
ISO 45001

Glass Flake Epoxy Polyamine Primer

KRS-230



Description & Recommended Use

Glass flake is a two-component epoxy coating with general properties of epoxy polyamine resin and extra characteristic includes excellent mechanical strength and high chemical resistance against weak acids, alkalis, and high-performance coating for new and old steel is outstanding properties. It protects both steel and concrete structures including marine structures, tank's oil, petroleum and heavy industrial facilities and suitable sea water immersion.

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
Finish	semi-glass
Density (gr/cm ³) (A+B)	1.7±0.1
solid Contents (by weight) (A+B)	94%±2
Solid Contents (by volume) (A+B)	88%±2
Dry film thickness(μ)	500±5
Theoretical coverage at 50μ	1.7±0.1
Flash point	110 ° C
Storage condition	12-month

Technical Application Details at 25 ° C

Curing mechanism	Chemical reaction & solvent release
Mixing ratio (by weight) (A/B)	96/4
Mixing ratio (by volume) (A/B)	93/7
Pot life	1 hour
Thinner	239
Dry to touch	6 hours
Dry to handle	24 hours
Min. time to overcoat	48 hours
Max. time to overcoat	4 weeks
Shelf life (Standard condition)	12 month

Description

Application Equipment

Conventional spray
Airless Spray
Brush



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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 cleaner before use

Stir two components with a power mixer. Notice pot life time and mixing ratio

Use Shakiba`s thinner for adjusting the viscosity

The thinner should be added gradually

The consumption depends on temperature and type of equipment and thickness paint

Clean all equipment with Shakiba`s thinner.

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.



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