



Zinc Phosphate-Iron Oxide Epoxy Polyamine Primer

KRS-214



Description & Recommended Use

It is a two-component coating base on epoxy resin and includes zinc chromate as anti-corrosive pigment so this is one of the best anti-corrosive products which are recommended in the severe atmosphere or chemical condition. This primer can be coated by a variety of compatible mid or top coats such as epoxy, polyurethane, and etc. It has very good adhesion to and used for steel structure, machineries, pipes, tanks, bridges, power plants, refineries and industrial environments.

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 Red
Finish Matt
Density (gr/cm3) (A+B) 1.45 \pm 0.1
sold Contents (by weight) (A+B) 71% \pm 2
Solid Contents (by volume) (A+B) 50% \pm 3
Dry film thickness(μ) 50 \pm 5

Theoretical coverage at 5 mm 7.1±0.4m2/lit

Flash point 25 ° C Storage condition 12-month

Technical Application Details at 25 ° C

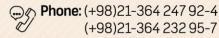
Curing mechanism Chemical reaction & solvent release

Mixing ratio (by weight) (A/B) 80/2 Mixing ratio (by volume) (A/B) 5/1 Pot life 8 hours Thinner 239 Dry to touch 1 hour Dry to handle 3 hours Fully cured 2 weeks Min. time to overcoat 24 hours 4 weeks Max, time to overcoat Shelf life (Standard condition) 12 month

Description

Application Equipment
Conventional Spray
Airless Spray







Factory: No727, Aven. Afra, Abas abad industrial state Boostan Ave, Veleniak St. Tehran, IRAN





Brush

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.

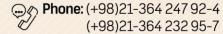
Never apply coatings under environmental condition.

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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