



PRIMAIRE IRON EPOXY

Epoxy primer coating for metal
INTERIOR/EXTERIOR

DESCRIPTION

Epoxy vinyl coating primer (2 components) having a high chemical and corrosion resistance for interior and exterior. Adhesive primer for finishing systems over metal.

FIELD OF USE

Designed to protect metallic structures and industrial storage tanks in very aggressive conditions. Red oxide and grey Epoxy Iron Primers contain Zinc phosphate which gives high quality corrosion resistance to iron and steel surfaces when finished with one or two coats of the Epoxy Iron finish.

TECHNICAL CHARACTERISTICS

- Aspect : Smooth, glossy.
- Colors : Red oxide or grey.
- Spreading-rate : 3 to 5 m²/Kg.
- Density: 1.58 +/- 0.1 Kg/L at 25°C for Red Oxide, 1.46 Kg/L for Grey.
- % Solids (by weight) : 80 +/- 2 % of the mixture, ready to apply with the spray.
- Viscosity : 100 KU +/- 10 KU's at 25°C (Krebs – Stormer)

SURFACE PREPARATION

The surface needs to be clean of any grease, sound and dry before painting.

APPLICATION PROPERTIES

Mixing Ratio : The two components need to be mixed in the following ratio : 80% of the base and 20% of the catalyser (Hardener).
* Reaction time : 15 to 30 minutes.
* Pot life of the mixture : 4 hours.
After this period, the product will thicken and become impossible to use.
The product can be applied by brush, roller or spray (pneumatic or airless).
Application limit : Do not apply on cold wet walls below 5°C or conditions of high relative humidity (>70%).

APPLICATION DETAILS OF USAGE

Dilution : Iron Epoxy Diluting solvent (Between 15 and 20%).

DRYING TIME

Drying time at 20°C and 60% relative humidity :
* Dry : 12 hours.
* Through Dry : 24 hours.

STORAGE

Six months in the closed container, as delivered. Store inside in conditions avoiding extremes of hot and cold temperatures. However, it is recommended to stir the product before to use.

PACKAGING

5 kg gross (4.5 kg Net). Catalyser Iron Epoxy 0.5 kg Net.

HEALTH & SAFETY

Flammable, and harmful if left in contact with the skin. For more details, consult the safety data sheet N° 68.