

Epo Zinc Primer



Epoxy-polyamide primer rich in zinc

Excellent cathodic protection

Quick drying



Code

0223

Description

Epoxy-polyamide primer rich in zinc

Use

The product is used for the production of steel structures to be used in industrial and marine environments. Not suitable, even if overpainted, for cycles involving dives in acid and alkaline solutions. It can be covered with all painting system on the condition that they are unsaponifiable. Suitable for retouching on inorganic zinc coatings.

Appearance of the film

Matt

Colour

Metallic grey

Components

2

Hardening

Chemical reaction between two components

Specific weight

2,85 gr/ml (A + B)

Volume of solids	53%
Voc	361 gr/liter
Minimum thickness	75 micron
Estimated yield	7,3 mq / L for a thickness of 75 microns dry
Flash point	Component A 27°C Component B 27°C Thinning 27°C
Temperature resistance	250°C continuous, 350°C discontinuous
Preparation of surfaces	New steel: Sandblasting SA 3 for painting cycles that include immersion service. Sandblasting SA 2 ½ for other cases. Paint immediately after removing the abrasive and the dust.
Preparation of the product	Mix the product according to the following weight ratio: Component A : 100 Component B: 4 Mix component A separately and then add component B
Induction time	Induction time
Pot life	> 8 hours at 20°C
Dilution	5 - 10% with epoxy thinner depending on the applications

Environmental conditions

Ambient temperature: from + 10 to 35°C
 Temperature of the surface: >10°C
 Humidity: 0 - 80 %
 To prevent the formation of condensation the temperature of the surface must be at least 3°C higher than the dew point

Drying and hardening

For thicknesses of 100 microns(moist)	10°C	20°C	30°C
Dry to touch	60	30	15 minutes
Dry in depth	8	4	2 hours

Overpainting

Minimum (hours)	10°C	20°C	30°C
	8	4	2

Maximum unlimited, except for the presence of zinc salts and other contaminants

Application

Brush, roller, airless spray
 For brush applications use nylon or pure bristle brushes.
 For roller applications, use medium pile rollers.
 For the application, use the method of the crossed hands.
 Airless:
 Nozzle diameter: 0.43 - 0.48 mm (0.017 - 0.019 inch)
 Air pressure: 150 bar

shelf life

2 years in a cool and dry place (max 40°C)

packs

Kg. 20,800 (20 + 0,800)