

EPOX FONDO

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DESCRIPTION

Epoxy-polyamide two component primer, anti-corrosive of the universal type and it can be repainted with most paint products. Equipped with high coverage, toughness and good filling power, excellent adhesion for direct application on iron, galvanized steel, aluminium, stainless steel, light alloys. Gives the surface on which it is applied good abrasion resistance, excellent resistance to chemical attack and corrosion in industrial environments. Particularly suitable for substrates that need to be uniformed in appearance before coloring.

USES

It is used as a primer for painting light and heavy carpentry metal, industrial body work, agricultural, construction, industrial machines, metal furniture, etc.

PREPARING THE SURFACE:

To obtain best results it is essential to always observe the rules for a thorough cleaning of the surface to be redressed.

Ferrous surfaces: remove all traces of rust, scale, grease and moisture by SA 2.5 level sanding or perform a careful mechanical cleaning followed by solvent degreasing.

Galvanised sheet: carry out a phospho-degreasing or alkaline degreasing treatment or perform a thorough cleaning of outside waste and oxidation by sanding and then degrease with organic solvents.

Aluminium and light alloys: Mechanical cleaning by light sanding followed by degreasing with organic solvents.

Once the process of cleaning the surface to be painted by one of the chemical or mechanical treatments terminates, never leave the exposed metal for more than 12 hours without temporary protective coating or a coat of rust inhibitor to prevent the formation of rust that may affect the duration of the paint products applied subsequently.

APPLICATION

Apply two coats of the diluted product by brush, roller or spray.

Before applying the product mix thoroughly until uniform in colour and consistency, then pour the contents of the hardener and stir until completely mixed.

Mix 100 parts (in weight) of BASE (base mix + colouring paste) with 20 parts (in weight) of EPOX FONDO THICKENER.

If the mixing or the dosing of the base and hardener are not correctly executed, it will affect the hardening and the final physical and chemical characteristics.

The mixture thus prepared has a usage period of about 4 hours; it is not recommended to apply the catalysed product since the film that is formed can have poor adhesion to the backing.

Like all products of this nature, the high humidity and low temperatures during application can damage the features and the drying of the film.

Do not apply at temperatures below 8 ° C and humidity above 80%.

DILUTION

Dilute the perfectly blended mix with 5-15% DILUENTE X for spray application, with 5-10% when using a roller or brush.

TECHNICAL DATA

PRODUCT	Primer based on epoxy resin and polyamide adduct
SPECIFIC WEIGHT	1.350 ± 0.050 kg/L
VISCOSITY	3000 ± 500 Brookfield cPs at 23 °C (base+hardener)
GLOSS	Matt
COLOUR	White, RAL colours
RECOMMENDED THICKNESSES	50-60 dry microns per coat
NUMBER OF COATS RECOMMENDED	2 coats with minimum of 24 hours wait
RE-COATING	Between 24 and 48 hours, then the film requires sanding
CATALYSIS RATIO	Component A 100 parts - Component B 20 parts in weight
POT-LIFE at 23 °C	3-4 hours
APPLICATION METHOD	Mixed air airbrush: nozzle Ø 1.5÷ 1.9 mm and pressure 3,5÷5 atm Airless: nozzle Ø 0.4÷ 0.5 mm Compression ratio 30:1 Pressure 130÷160 atm (max 5% dilution) Roller - brush
THEORETICAL YIELD	3 ÷ 4 sq.m/L for 2 layers
DRYING at 23 °C:	
Tack	30-40 minutes
Touch dry	4-5 hours
Deep dry	24-36 hours
Maximum chemical resistance	After 7 days

CLEAN TOOLS

With DILUENTE N immediately after use.

STORAGE

The product should be stored tightly closed at temperatures between 5 ° C and 30 °. It cannot stand chills and excessive heat.

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