

EPOX SMALTO LUCIDO

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DESCRIPTION

A two component epoxy glossy finishing, solvent-base, with high gloss, covering and filling power. Excellent adhesion for direct application on iron, galvanised sheet, aluminium, stainless steel, light alloys. Extremely hard film form and gives the backing on which it is applied good abrasion resistance, excellent resistance to: chemical attacks in industrial environments, prolonged contact with water, corrosion and steam. Resistant to acids, alkalis, detergents, greases and oils. When exposed to the elements it takes on a powdery patina which however does not degrade in any way the resistance properties of the product.

USES It is used for the coating of metallic carpentry, machine tools, chemical and thermal plants, mechanical industry, metal furniture, etc.

PREPARING THE SURFACE:

To obtain optimal results, it is essential to follow the norms for a thorough cleaning of the substrate to be cleaned.

Ferrous surfaces: remove all traces of rust, scale, grease and moisture by sanding to SA 2.5 level or perform a careful mechanical cleaning followed by solvent degreasing then apply one or two coats of LUBENS EPOX FONDO.

Galvanized sheet: Carry out a phosphodegreasing or alkaline degreasing treatment or perform a thorough cleaning of outside waste and oxidation by sanding and then degrease with organic solvents and then apply one or two coats of LUBENS EPOX FONDO.

Aluminium and light alloys: Phosphochromatising or chromatising, alternatively clean mechanically by light sanding followed by degreasing with organic solvents and then apply one or two coats of LUBENS EPOX FONDO.

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 15 parts (in weight) of INDURENTE EPOX SMALTO.

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. **Leave to mix for 5-10 minutes before applying (with very low temperatures wait a few more minutes).**

The mixture thus prepared has a usage period of about 1-1.5 hours; it is not recommended to apply the catalysed product since the film that is formed can have poor adhesion to the backing. While applying, mix the product.

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%.

Do not apply on surfaces with temperatures below 10 ° C or humidity above 3%.

DILUTION

Dilute the mixture perfectly blended with 5-15% of DILUENTE X.

TECHNICAL DATA

PRODUCT

Finishing based on epoxy resin and polyamide adduct

SPECIFIC WEIGHT

1.250 ± 0.050kg/L

VISCOSITY

2000 ± 500 Brookfield cPs at 23 °C (base+hardener)

GLOSS

Gloss (60°): 80 ± 5

COLOUR

White and RAL colours

THICKNESS RECOMMENDED

60-70 dry microns per coat

NUMBER OF COATS RECOMMENDED

2 coats at least 24 hours apart

RE-COATING

Within 48 hours, the film then requires sanding

MIXING RATIO

Component A 100 - Component B 15 by weight

POT LIFE

1-1,5 hours

APPLICATION METHOD

Airbrush mixed air: use nozzle 1.5 ÷ 1.7 mm

Pressure of 3-4 atm

Airless

Brush, roller

4-5 sq.m/L for two layers

THEORETICAL YIELD

DRYING at 23 °C:

Tack

30 minutes

Touch dry

2-3 hours

Deep dry

24 hours

Walkable

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.

The above technical knowledge regarding the application and the proper use of the products does not mean ALCAS ITALIA s.r.l. assumption of responsibility for the use and application of the products. Because of the unpredictable variability of operating conditions, the APPLICATOR must verify the use of the product under their own conditions with direct evidence. We reserve the right to change the contents of this document without prior notice. As soon as a new version of this data sheet is available, it will no longer be valid.