

DESCRIPTION

Fast-drying primer with anti-rust effect, excellent as a primer for overspraying with fast-drying enamels and alkyd enamels. It is suitable for corrosion prevention of iron substrates and, due to its excellent adhesion, is suitable as an adhesion primer for aluminium, galvanised steel, light alloys, plastic and fibreglass substrates. Characterised by excellent wetting of the substrate, excellent adhesion, hardness and flexibility, it withstands natural stresses due to the dimensional variation of the substrate under varying climatic conditions. Easy to apply, it offers solid anchorage to enamels and enhances their covering power as it has excellent filling, spreading and covering power.

COMPOSITION

Epoxy foreign resins, precious fillers and passivating pigments based on zinc phosphates.

PROPERTIES OF THE PRODUCT

	VALUE	METHOD
CORROSION RESISTANCE	EXCELLENT	
ADHESION	EXCELLENT	
SHOCK RESISTANCE	EXCELLENT	
SOLID BY VOLUME	58-62 %	
SOLID BY WEIGHT	68-74 %	Internal PF25
DRYING	Overcoatable 24 h Complete 5 days	Internal PF2

SPECIFICATION DATA

	VALUE	METHOD
SPECIFIC WEIGHT	1300-1450 g/l	Internal PF3
COVERAGE	95-99%	Internal P11

SHELF LIFE

The product should be stored in its original containers at temperatures of between +5°C and +30°C away from fire sources.

COLOUR RANGE

Weiss, Schwarz, Ral 3009, Ral 7001. Between one production and the other, tint may be slightly different, it is therefore important to finish the job with the same batch.

USE

It is suitable for protecting iron artefacts, new or undergoing maintenance, such as fixtures, railings, barges, tanks, carpentry, agricultural equipment, subjected to the action of particularly aggressive and corrosive agents in rural, marine and industrial environments.

The thickness recommended for good protection is to be established according to the aggressiveness of the environment and application must always be carried out on a perfectly clean substrate.

It can be overcoated by wet-on-wet spraying after 45 minutes.

It must be overcoated with the topcoat within 72 hours in order to ensure good adhesion between coats.

Suitable as an adhesion primer on materials with poor adhesion such as galvanised steel, alloys, aluminium, plastic, fibreglass. Galvanised steel must undergo a weathering period of 2-3 months before being protected. Adhesion to the substrate is compromised if the application takes place on a damp substrate or with high ambient humidity.

The actual temperature during application must be at least 3°C above the dew point and the relative air humidity must not be > 65%.

Corrobloc can be overpainted with quick-drying enamels such as Supersinteol Rapido and with synthetic enamels such as Remdur, Gladium, Unifercap.

TOOLS

Brush, roller, spray (with high temperature and humidity <40% it is possible the formation of "dusting").

THINNING

Spray: 5-10% by Diluente Nitro NV 5000
Roller, Brush: 5-10% by Diluente S800

COVERAGE

6-5,8 m²/Kg per layer (60 µm dry)

APPLICATION TEMPERATURE

+5°C+30°C

COATING SYSTEM

Characterized by excellent substrate wetting, excellent adhesion, hardness and flexibility, it resists in a treatment of the surface to be coated is of primary importance and has repercussions on the performance of the coating cycle. A good and correct preparation of the support is a guarantee of quality on the duration of the coating: a high quality product applied on a poor substrate or on an inadequately treated substrate is destined to an early wear, characterized by possible occurrences of alteration of the coating itself.

Maintenance of new iron substrate

1. Prepare the clean surface degreased with Diluente Nitro NV 5000;
2. Apply two coats of Corrobloc for a thickness equal to 120 µm dry waiting 24 h between the two layers;
3. After 24 h apply two layers of *Gladium* waiting 24h between the two layers for 90 µm dry.

Maintenance of rusty iron substrate

4. Remove any flaking paint and rust with scrapers, brushes or abrasive paper;
5. Apply a layer of Corrobloc in the affected part;
6. Proceed as in step 3.

Galvanized iron

7. It is important to remember that the galvanized sheet must be passivated leaving the artifacts exposed to atmospheric agents for at least two or three months; then proceed with a light sanding to remove the superficial oxidative patina formed and, degrease the surfaces with Diluente Nitro NV 5000. Alternatively, a light silica sandblasting is recommended.
8. On a dry substrate, apply a layer of Corrobloc for a dry thickness of 60 µm
9. After 24 hours, apply two coats of *Gladium*, waiting 24 hours between one layer and another for 90 µm dry

Aluminum, light alloys, plastic, fiberglass

10. Lightly sand with P180 P220 abrasive paper. Clean the surface to be treated thoroughly with Nitro NV 5000 Thinner and make sure it is dry and free of silicone, waxes, greases and foreign substances in general.
11. On a dry substrate, apply a layer of Corrobloc for a thickness of 60 µm dry
12. After 24 hours, apply two coats of *Gladium* waiting for 24 hours between one layer and another for 90 µm dry.

Gladium can be replaced by *Remdur*, *Unifercap*, *Sintech*, *Supersinteol Rapido*

NB. In the case of plastic materials, given the variety of their behavior, it is advisable to carry out specific adhesion tests of the product on the material.

SPECIFICATION ITEM

Fast drying one-component epoxy ester base based on zinc phosphates, to be used with an average consumption of 275 g/m² and to be over-applied with alkyd enamels.

INSTRUCTIONS

To carry out the work in a proper way, it is needed to strictly follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books. The specification data and technical information have been calculated at +23°C with relative ambient humidity of 65%. In different conditions the data and the time intervals between the two phases of the above reported coating system may vary. Our recommendations on the use of the product are based on observations and accurate research carried out on one's own. The experiences gained in the practical application were also taken into consideration. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and test the effectiveness on a sample.