

DESCRIPTION

Anti-rust paint with fast drying excellent as a primer for over-spraying with fast-drying enamels and alkyd enamels. It is suitable for the prevention of corrosion of iron and galvanized iron supports, and due to its excellent adhesion it is suitable as an adhesion primer for supports in aluminum, light alloys, plastic and fiberglass. Characterized by excellent substrate wetting, excellent adhesion, hardness and flexibility, it resists unaltered to natural stresses due to the dimensional variation of the substrate with varying climatic conditions. Easy to apply, it offers a solid anchoring to the enamels and enhances its covering power as it has an excellent filling power, excellent distension and coverage.

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

SPECIFICATION DATA

	VALUE	METHOD
SPECIFIC WEIGHT	1300-1450 g/l	Internal PF3
DRYING	Overcoatable 24 h	Internal PF2
	Complete 5 days	
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 the protection of steel structures, such as carpentry, fixtures, railings, barges, tanks, agricultural equipment, new or undergoing iron maintenance, subjected to the action of particularly aggressive and corrosive agents in a rural, marine and industrial atmosphere. The recommended thickness for good protection and to be established according to the aggressiveness of the environment and the application should always be performed on a perfectly clean support. It can be over-sprayed wet-on-wet after 45 minutes and over-applied with the finish within 72 hours in order to guarantee good adhesion of subsequent layers. Suitable as an adhesion primer on materials that offer poor adherence such as galvanized steel, alloys, aluminum, plastic, fiberglass. The galvanic galvanizing, before being protected, must have a period of oxidation to the atmospheric agents of 2-3 months. Adhesion on the substrate is compromised if the application is carried out on a wet substrate or with high environmental humidity. The actual temperature during the application must be at least 3 °C higher than the dew point and the relative humidity of the air must not be > 65%.

	Corrobloc it can be overcoated with fast drying enamels such as Supersinteol Rapido and with synthetic enamels like 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	9-11 m ² /l per layer, for 60 µm dry per coat
APPLICATION TEMPERATURE	+5°C+30°C
COATING SYSTEM	<p>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.</p> <p>Maintenance of new iron substrate</p> <ol style="list-style-type: none"> 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 24 h between the two layers for 90 µm dry. <p>Maintenance of rusty iron substrate</p> <ol style="list-style-type: none"> 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. <p>Galvanized iron</p> <ol style="list-style-type: none"> 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 Diluent 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. <p>Gladium can be replaced by Remdur, Unifercap, Sintech, Supersinteol Rapido.</p> <p>Aluminum, light alloys, plastic, fiberglass</p> <ol style="list-style-type: none"> 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*, *Supersinteor 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 200 ml / 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.