

DESCRIPTION

Enamel suitable for painting systems of different artefacts. It is waterproof, easy to apply; ideal for professional use as it has high compatibility and adhesion, filling power and coverage on different types of surfaces. It ensures a finish with excellent uniformity and good resistance to weathering and good mechanical strength, which are essential for the duration of the application and useful for protecting the artefact over time.

Its quality allows us to obtain the ideal aesthetic and technical solution for the diverse needs of painting with a good level of finishing and good protection of the colour outdoors.

The characteristics of adequate elasticity, resistance to scratching and wear create a film that is stable, durable and attractive. It has resistance to stresses due to variation in size of the surface under varying climatic conditions. It is formulated with micaceous iron oxide which is stable to sunlight and that carries particular barrier effects and modified alkyd synthetic resins, in the solvent phase, which guarantee high outdoor protection in strong exposure to the elements and the sun. It is suitable for coating systems of outdoor and indoor artefacts.

Its good coverage and low tendency to dripping means that it can be applied with manual or mechanical tools which guarantee a finish characterized by excellent visual consistency, uniform thickness and adequate coverage of edges in both professional and "do it yourself" applications.

PRODUCT PROPERTY

	Value	Method
Resistance to weathering	EXCELLENT	
Impact resistance	EXCELLENT	
Rust resistance	EXCELLENT	
Adhesion	EXCELLENT	
Coverage of edges	EXCELLENT	
Solid by weight	67-71%	Internal PF25

PERFORMANCE DATA

	Value	Method
Specific weight	1350–1525 g/l	Internal PF3
Drying time	recoatable 18-24h; fully 24h	Internal PF2
Coverage	95-99%	Internal PF11

SHELF LIFE

1 year minimum, stored in its unopened original can at temperatures between +5°C and +30°C.

COLOUR RANGE

As per the samples.

The colour could vary slightly from one production batch to the next; it is therefore important to finish the job with the same batch.

TYPICAL USE

It is suitable for decoration and protection from atmospheric agents in rural, marine or industrial atmospheres (even when using intense colours) or for new structures or structures undergoing maintenance such as furniture upholstery, windows, railings, lattice-based iron supports that have been properly pre-treated and galvanized iron, aluminium, alloys and plastic, with no precautionary bases applied directly on the product.

The recommended thickness for good protection is established according to the aggressiveness of the environment and should always be applied on a perfectly clean surface. Higher film thickness per layer and unfavourable environmental conditions slow down the drying and in depth hardening. Make sure the previous coat is well dried before overcoating, overcoating should be carried out within 72 hours to ensure a good adhesion of subsequent layers otherwise sandblast between layers.

Tools should be cleaned with *Acquaragia VD100* (turpentine) Wash immediately after use.

Sanding dust and / or paint spraying and dry residues should not be stored because they cause spontaneous combustion. The actual temperature during application must be at least 3 ° C above the dew point and the relative humidity of the air should not be > 65%.

TOOLS	Roller, Brush, Spray
THINNING	Up to 7% by volume with <i>Acquaragia-VD 100</i>
COVERAGE	12-14 m ² /l (dry thickness of 35 µm)
APPLY	+5°C +30°C

COATING SYSTEM The treatment of the surface to be coated is of primary importance and affects the performance of the coating cycle.
A good and correct preparation of the substrate is a guarantee of quality on the duration of the coating: a high quality product applied on a poor substrate or on substrate inadequately treated is destined to an early wear, characterized by possible alteration of the coating itself.

Protection of iron artefacts such as railings, carpentry in general in rural and urban atmosphere

System 1

- 1.1 Prepare the cleaned and degreased ferrous surface with *Acquaragia-VD 100*;
- 1.2 Apply two layers of *Chromocap* waiting 50 'between one layer and the other with a thickness of 70 mm dried;
- 1.3 After 12h apply two layers of *Unifercap* waiting 18 24 hours between one layer and another with a thickness of 70 mm dried.

Maintenance

- 1.1M Remove the flaking paint and rust with scraper, brushes or abrasive paper and apply *Chromocap* on the interested area;
- 1.2M After 12h, with 180 220 abrasive paper, sand the entire surface and proceed as in point 1.3.

System 2

1. Prepare the ferrous surface with SA2 sandblasting
2. Apply one layer of *Epoxy Zinc 1K* with a thickness of 70 mm dried;
3. After 8h apply *Unifercap* with a thickness of 70 mm dried in two layers interspersed with 24h.

Maintenance

- 1M Remove with scrapers, brushes and sand with abrasive paper or sandblast the peeling paint and the rust;
- 2M Apply one layer of *Epoxy Zinc 1K* on the interested area;
- 3M After 8h, with 180 220 sandpaper, sand the entire surface and proceed as in point 3.

For adequate protection in marine and light industrial atmosphere apply 100 mm dried of antirust plus 70 mm dried of enamel.

For adequate protection in marine and light industrial atmosphere apply 130 mm dried of antirust plus 70 mm dried of enamel.

The application of the mentioned products can be done with the different methods marked on the corresponding technical data sheets

Protection of galvanized iron products

- 2.1 It is important to remember that the galvanized sheet must be passivated leaving the products exposed to atmospheric agents for at least

two months; then proceed with a light sanding to remove the superficial oxidation patina formed and degrease the surfaces with Nitro NV 5000 thinner.

Alternatively, a light silica sandblasting is recommended.

2.2 On dry substrate apply a layer of Unifercap interspersed with 18 24h.

Protection of manufactured artifacts in aluminum, light alloys, plastic

3.1 Perform a light sanding with P180 P220 sanding paper. Clean the surface to be treated with Nitro NV 5000 thinner and make sure it is dry and free from silicone, waxes, greases and foreign substances in general.

3.2 On dry substrate apply a layer of Unifercap interspersed with 18 24h.

Maintenance on aluminum, alloys, plastic

4.1 Remove the flaking paint with scrapers, brushes or abrasive paper and wash.

4.2 Apply one layer of Unifercap with a thickness of 70 mm dried.

Maintenance of a rusty ferrous and galvanized product

5.1 Remove the flaking paint and the rust with scrapers, brushes or abrasive paper;

5.2 Apply a layer of Chromocap to the interested area;

5.3 After 18h, apply Unifercap on the whole surface.

**SPECIFICATION
ITEM**

Alkyd-acrylic water-base enamel containing micaceous iron oxide, ideal for decorating and protecting, from atmospheric agents in rural, marine and industrial environments, new structures or structures undergoing maintenance such as furnishings, doors and windows, railings, trestles with appropriately pre-treated substrates made of iron, galvanized iron, aluminium, alloys and plastic, directly on the structure without the use of primers, at a consumption rate of *155 ml/m² (225 g/m²)*.

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. This technical information is intended as a rough guide. 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. 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 can vary.