

**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.

**PERFORMANCE DATA**

|                                   | Method                      | Value                          |
|-----------------------------------|-----------------------------|--------------------------------|
| Opacity level<br>(Contrast ratio) | ISO 6504-3                  | 98%                            |
| Viscosity                         | CAP (Brookfield S05 20 RPM) | 4300-5300 mPa*s                |
| Resistance to weathering          | CAP                         | EXCELLENT                      |
| Impact resistance                 | CAP                         | EXCELLENT                      |
| Rust resistance                   | CAP                         | EXCELLENT                      |
| Adhesion                          | CAP                         | EXCELLENT                      |
| Coverage of edges                 | CAP                         | EXCELLENT                      |
| Specific weight                   | ISO 2811-1                  | 1425–1525 g/l                  |
| Drying time                       | CAP - PF2                   | recoatable 8-12h;<br>fully 12h |
| Solid by weight                   | CAP - PF25                  | 67-71%                         |

**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 VD 100* (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 *Acquaragia-VD 100*

**COVERAGE**

12-14 m<sup>2</sup>/l (dry thickness of 35 µm)

**APPLY**

+5°C +30°C

**COATING SYSTEM**

**Protection of iron artefacts such as railings, steelworks in general in rural and urban atmospheres.**

2.1 Prepare the ferrous surface, clean and degrease with *Acquaragia-VD 100*

2.2 Apply two layers of *Chromocap* wait 50' between one layer and the other. Make sure to obtain a total thickness of 70 µm when dry

2.3 After 12h apply *Unifercap* to obtain a thickness of 70 µm when dry.

2.4 For maintenance, remove with scrapers, brushes or abrasive paper any flaking paint or rust and apply a layer of *Chromocap* in the areas of interest; after 12h, with 180 220 grit sandpaper, sandblast the entire surface and apply *Unifercap* for a total thickness of 50 µm when dry.

**Protection of artefacts in galvanized iron, aluminium, alloys and plastic**

2.1 Thoroughly clean and degrease the product with *Acquaragia VD 100*

2.2 Apply *Unifercap Medio*, to obtain a total thickness of 70 µm when dry.

2.3 For maintenance on aluminium, alloys and plastic, *remove with scrapers, brushes or abrasive paper any flaking paint* and apply two layers of *Unifercap Medio* to obtain a total thickness of 70 µm when dry.

2.4 For maintenance on galvanized iron, remove with scrapers, brushes or abrasive paper any flaking paint and rust and apply a layer of *Chromocap* in the areas of interest; after 12h, with 180 220 grit sandpaper, sandblast the entire surface and apply *Unifercap Medio* for a total thickness of 50 µm when dry.

For the adequate protection in marine and light industrial areas, apply 100 µm when dry of antirust + 70 micron when dry of enamel;

For the adequate protection in heavy industrial areas, apply 130 µm when dry of antirust + 70 micron when dry of enamel.

**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/m<sup>2</sup> (225 g/m<sup>2</sup>).

**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.