

DESCRIPTION

Enamel that is suitable for painting systems of indoor and outdoor artefacts, it is waterproof, easy to apply, ideal for professional use as it has high compatibility and adhesion, filling power and coverage of different types of bases and materials. It ensures a finish with excellent uniformity and formidable mechanical strength and resistance to weathering, which is essential for the duration of the application and useful for protecting the artifact in time.

Its high quality achieves the best aesthetic and technical solution for the various painting requirements with a high level of finishing and with maximum protection of colour in outdoor environments including situations of high exposure to harsh conditions.

The characteristics of adequate elasticity, resistance to scratching and wear generate a film that remains stable, durable and attractive. It is also resistant to stresses due to the natural variation in size of the surface under varying climatic conditions.

It is formulated with pigments that are stable when exposed to sunlight and modified alkyd synthetic resins in solvent phase, which guarantee high outdoor protection in strong exposure to weather and sunlight. It performs excellent adhesion on surfaces such as wood, hard plastics, alloys, galvanized iron and aluminium.

Its good coverage and low tendency to drip allow easy application 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.

COMPOSITION

Pigmented product formulated with medium alkyd resins in the solvent phase.

PRODUCT PROPERTY

	Value	Method
RESISTANT TO ATMOSPHERIC AGENTS	EXCELLENT	
FILLING POWER	EXCELLENT	
ELASTICITY	GOOD	
RESISTANT TO IMPACT	GOOD	
BONDING ON DIFFERENT MATERIALS	EXCELLENT	
DRY WEIGHT	66-70%	Internal PF25

PERFORMANCE DATA

	Value	Method
SPECIFIC WEIGHT	1250-1350 g/l	Internal PF3
GLOSS	15-25 @ 85°	Internal PF6
DRYING	Completa 24h	Internal PF2

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 range of colours can be extended using the *Tintoretto* and *Tintema (RAL)* sample books

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, based on iron supports that have been suitably pre-treated, galvanized iron, aluminum, alloys and plastic, with no prior precautionary bases applied directly on the product.

The recommended thickness for good protection is to be determined according to the aggressiveness of the environment and should always be applied on a perfectly clean surface. Higher film thickness per layer and unfavorable environmental conditions slow down the drying and in depth hardening. Make sure that the previous layer is fully dried before overcoating, overcoating should occur within 72 hours to ensure good

adhesion of subsequent layers otherwise sandpaper between layers. For strong colours (dark) starting from a colourless base, it may occur that the appearance of the final product is not satisfactory, therefore, it is advisable to make a prior application to assess the overall effect. Tools should be cleaned with *Acquaragia VD 100* (turpentine) immediately after use. Sanding dust and / or paint spraying and dry residues should not be accumulated 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 10% by volume with *Acquaragia VD 100*

COVERAGE

16-18 m²/l (dry thickness of 35µm)

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 handmade iron, railings and steelworks in general in rural and urban atmospheres.

System 1

- 1.1 Prepare the surface, clean and degrease with *Acquaragia VD100*.
- 1.2 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
- 1.3 After 12h apply two layers of *Remdur Matt* wait 24 hours between one layer and the other. Make sure to obtain a total thickness of 70 µm when dry.

Maintenance

- M1 Remove with a scraper, brush or sandpaper any flaking paint or rust;
M2 Apply one layer of *Chromocap* in the areas of interest;
M3 After 12h, with 180 220 grit sandpaper, sandblast the entire surface and proceed as in point 1.3

For the adequate protection in marine and light industrial areas, apply 100 µm when dry of antirust + 70 micron when dry of enamel; for heavy industrial areas, apply 130 µm when dry of antirust + 70 micron when dry of enamel.

Protection of artifacts in galvanized iron

3.1 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 oxidative patina formed and degrease the surfaces with Nitro NV 5000 thinner. Alternatively, a light silica sandblasting is recommended.

3.2 Apply two layer of *Remdur Matt* at 24h intervals.

Maintenance of rusty galvanized iron

- 2.1M Remove with a scraper, brush or sandpaper any flaking paint and rust.
2.2M Apply one layer of *Chromocap* in the areas of interest;
2.3M After 12 h apply *Remdur Matt* on the entire surface

Aluminium, 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 Apply two layer of *Remdur Matt* at 24h intervals.

SPECIFICATION ITEM

Alkyd enamel 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, based on iron supports that have been suitably pre-treated, galvanized iron, aluminum, alloys and plastic, with no prior precautionary bases applied directly on the product, with an average consumption of 130 ml/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.