

DESCRIPTION

Enamel suitable for the painting systems of various structures, water-impermeable, easy to apply, ideal for professional use as it is extremely compatible and has excellent adhesion properties, filling and covering powers on various types of substrate. It guarantees an extremely uniform finish with extraordinary resistance to atmospheric agents and mechanical stress, elements indispensable for the duration of the applications, and useful for protecting the structure over time.

Thanks to its high quality, effective aesthetic and technical solutions can be obtained for various painting requirements offering excellent finishing results with maximum protection and colour resistance in exterior environments, even in severe exposure conditions.

The properties of this film which include elasticity, scratch resistance and wear resistance, ensure that it maintains its appearance while remaining stable and able also to withstand the stress created by the dimensional variations of the substrate in response to the varying of climatic conditions.

It is formulated with photostable colouring pigments and modified synthetic alkyd resins in the solvent phase; the dried film has particularly good adhesion and creates a protective water-impermeable barrier so as to provide high protection in external environments highly exposed to atmospheric agents and sunlight; it is ideal for painting systems designed for both interior and exterior structures.

Its good coverage, low tendency to run and rapid drying properties mean that it can be applied with professional tools which guarantee a finish characterized by visual consistency, uniform thickness and good coating of the corners as well as rapid painting times.

PROPERTY OF THE PRODUCT

	Value	Method
Coverage	74-100%, according to the colors	UNI EN ISO 6504-3
Solid by weight	57-65%	Internal PF25
Resistance to weathering	EXCELLENT	
Impact resistance	GOOD	
Resistance to oil	GOOD	
Elasticity	GOOD	

SPECIFICATION DATA

	Value	Method
Gloss	85-95	Internal PF6
Specific weight	995-1270 g/l	Internal PF3
Drying time	according to colour Recoat wet-on-wet 1-2h; Fully dry 12h	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 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 ideal for decorating and protecting, from atmospheric agents in rural, marine or industrial environments, new structures or structures undergoing maintenance, e.g. industrial machinery, fixtures, railings, barges, tanks, agricultural and construction machinery, with appropriately pre-treated substrates made of iron, galvanized iron, aluminium, alloys and plastic. Strong colours can also be used.

The thickness recommended for effective protection is established on the basis of the aggressiveness of the environment and the product should always be applied on a scrupulously clean substrate. High thicknesses per coat and unfavourable environmental conditions slow down the drying and deep-hardening process. Ensure that the previous coat is well dried before applying a fresh coat. Successive coats must be applied while the film is damp in order to avoid removal problems; apply the

second coat within 2 hours. If the second coat is to be applied after the film has dried, it is advisable for it to be done 5-7 days later, after observing the results produced in a trial run. In this case, apply thin coats slightly diluted (5-10%) with *Diluyente S800*. Pre-heat the product at approx. 30° for better and drip free results, especially when coating corners. The product can be tunnel dried with hot air at a temperature of 40-50°C.

Tools should be washed with *Nitro NV 5000* immediately after use.

The dust from sandpapering and/or spraying and dry paint residue should not be allowed to build up as it could lead to self-combustion. The real temperature during application must be at least 3°C above dew point and the relative humidity of the air must not exceed >65%.

TOOLS

Roller, Brush, Spray

THINNING

Spray: Up to 12% by volume with *Nitro NV 5000*.

Roller and brush: Up to 12% by volume with *Diluyente S 800*

COVERAGE

Iron: 12-14 m²/l (dry thickness of 35 µm)

Galvanized iron, aluminium, alloys: 10-11 m²/l (dry thickness of 45 µm)

APPLY

+5°C +30°C

COATING SYSTEM

Protection of iron structures on railings, metal structural work in general in rural and urban environments

System 1

1. Manual or mechanical cleaning and washing, plus treatment with converter, if required, or commercial sandblasting to Sa 2.
2. Apply a coat of *Chromocap* at a thickness of 70 dry µm in two coats, 50 minutes apart,.
3. After 12 hours, apply *Supersinteol Rapido* at a thickness of 70 dry µm.

Maintenance of an old structure

- 1A. Remove any flaking paint and rust with scrapers, brushes or abrasive paper.
- 2A. Wash the entire surface and treat the part in question with the converter.
- 3A. Apply *Chromocap* on the part in question as per point 2 and proceed as per point 3.

For effective protection in marine and light industry environments, apply 100 dry µm, of rust inhibitor +70 dry µm of enamel.

For effective protection in heavy industrial environments, apply 130 dry µm of rust inhibitor +70 dry µm of enamel.

Protection of structures in galvanized iron, aluminium, alloys, plastic

- 1C. Clean and degrease the structure carefully with *Nitro NV5000*.
- 2C. Apply *Chromocap W* at a thickness of 45 dry microns on the dry substrate.
- 3C. After 12-16 hours, apply *Supersinteol Rapido* at a thickness of 45 dry microns.

Maintenance of rusty galvanized iron

- 1D. Remove any flaking paint and rust with scrapers, brushes or abrasive paper.
- 2D. Apply a coat of *Chromocap* on the part in question.
- 3D. After 12 h, apply *Supersinteol Rapido* over the entire surface.

SPECIFICATION ITEM

Alkyd enamel for decoration and protection from atmospheric agents in rural, marine or industrial areas or for new structures or structures undergoing maintenance such as industrial machinery, fixtures, railings, barges, tanks, agricultural equipment and construction made from iron (with an average consumption of 125 ml/m², 140 g/m²), galvanized iron, aluminium, alloys (with a consumption of 95 ml/m², 110 g/m²) that

have been properly pre-treated.

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.