

## DESCRIPTION

Enamel suitable for painting systems of interior and exterior structures, waterproof, 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 excellent 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 and wear resistance, ensure that it maintains its appearance while remaining stable and that it is also able 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 pigments and acrylic resins in aqueous dispersion which guarantee maximum resistance to UV rays and high protection in severe conditions of exposure to atmospheric agents and sunlight, with a non-yellowing enamel coating. It is characterised by reduced resistance to blocking and, as a consequence, it is not suitable for structures that come into mutual contact.

Its good spread rate and low tendency to run mean that it can be applied with manual or mechanical tools which guarantee a finish characterized by excellent visual consistency, even thickness and good coating of the substrate, both in professional and in do-it-yourself applications. The short drying time allows for rapid execution of the painting process.

Thanks to its extreme fineness, it is ideal for interior applications. The tough film, which is highly resistant to the penetration of stains and dirt and to washing, can be easily cleaned with commercial detergents and antibacterial detergents (reaches maximum resistance 10 days after application).

The product therefore meets the standards of the Reg. 852/2004/EC and is commonly used in a wide variety of work situations providing a safe solution for the protection of the walls in environments destined for the storage and/or processing of food products, in hospital rooms or in premises and for objects that are likely to come into frequent contact with human beings and in all cases in which it is necessary to guarantee high standards of health and hygiene.

Being odourless, it is particularly suitable for poorly ventilated areas. It is formulated with raw materials selected for their low environmental impact, guaranteeing reduced pollution and minimum emissions, so as to preserve the well-being and safety of its users and of those living in the environment.

The product meets the requirements of Class A+ according to the relevant Test Report.

### WATER RESISTANCE

The product dries and cures completely in 4-5 days under optimal conditions (+15 + 30 ° C with substrate humidity <10% and relative air humidity <65%).

Apply the product after 4-5 days of stabilization to avoid contact with rainwater or condensation (in the case of fog or humidity above 85%) before complete polymerization which could cause veiling or blistering. This phenomenon, of a temporary nature, does not affect the resistance of the product and will disappear with exposure under normal conditions after complete drying.

## COMPOSITION

Based on acrylic resin in aqueous dispersion free from APEO (alkylphenol ethoxylates).

PRODUCT PROPERTY	Class EN 13300	Method	Value
Dirt retention	Very low	UNI 10792	$\Delta L \leq 3$
Wet scrub resistance	1	UNI EN ISO 11998	$L_{df} < 5 \mu$
Elasticity		Interior PF16	High
Coverage	2 (7 m <sup>2</sup> /l)	ISO 6504-3	$\geq 98\% e < 99.5\%$
Gloss level	Matt	EN ISO 2813	Gloss < 60 @ 60° e $\geq 10$ @ 85°
Solid by weight		Interior PF25	53-57 %
SPECIFICATION DATA	Coverage	Interior PF11	95-99%
	Specific weight	ISO 2811-1	1150-1400 g/l
	Brilliance Drying time	Interior PF6 Interior PF02	20 - 30 recoatable 4-6h; fully 5 days
COLOUR RANGE	White. The range of colours can be extended using the <i>Tintoretto</i> , <i>Tucano</i> , <i>Spazio 100</i> , <i>Area 115</i> , and <i>K7</i> 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 ideal for decorating and protecting, from atmospheric agents, new structures or structures undergoing maintenance and that have alkaline substrates such as plasters with different compositions (cement, common lime, pre-mixed, skim coat plaster for exterior insulation), concrete and fibrocement, in rural, marine or industrial environments. Strong colours may also be used. The product is not to be used for application on structures that need to be stacked. On plaster skims or filler, assess the suitability of the application cycle. On exterior surfaces subject to biological pollutants, such as mould, seaweed and moss, add 350 ml of B25 for every 14 litres of paint. Tools should be washed with water immediately after use.		
TOOLS	Roller, Brush, Spray.		
THINNING	Roller, Brush: 5-10% by volume with water. by volume with water. Aircoat or airless spray: 0-10% by volume with water.		
COVERAGE	7-9 m <sup>2</sup> /l per coat.		
APPLY	+5°C +30°C		
COATING SYSTEM	New substrates made of cement-based, premixed and gauged mortar plasters, reinforced concrete, concrete prefabs 1. Power wash to remove any impurities such as dirt, mould, seaweed and moss and parts flaking off the casting.		

2. Treat with *B1* if biological pollutants such as mould, seaweed and moss are present.
3. After 4-6 hours apply a coat of *Murisol* or *Murisol W*.
4. After 5-8 hours, apply two coats of *K81 Professionale Satin*, 4-6 hours apart.

## Maintenance on old paint

- A. Using brushes and scrapers, remove any paint that is flaking off, bloom or other uneven residues or crumbling materials and power wash with a high pressure water jet cleaner.
- B. Restore any missing plaster using synthetic mortar *K29*, if a thin coat is required; apply *50* or *501* when a thick coat is needed.
- C. After 24 hours, if *K29* has been applied, or after 7 days if *50* or *501* has been used, treat with anti-mould *B1* if biological pollutants such as mould, seaweed and moss are present. Then, proceed as per points 3 and 4.

## INTERIOR

**New surfaces of cement-based plasters, premixed plasters, mortar plaster, reinforced concrete, prefabricated concrete**

1. Clean from any impurities
2. Treat with *B1* disinfectant if biological pollution from mold, algae and moss is present;
3. After 4 6h apply two coats of *K81 Professionale Lucido* or *Satin* at a distance of 4 6h from each other.

NB in case of brilliant shades with limited coverage it is recommended to apply *Absolutecap* as a first layer in a similar colour.

## Plasterboard surfaces and smoothing with *Stuccocap*

1. Clean from any impurities and dust
2. Apply a coat of *K81 Professionale Lucido* or *Satin* diluted 20% by volume with water
3. After 4 6 hours apply two coats of *K81 Professionale Lucido* or *Satin* at a distance of 4 6h one on the other;

NB in case of brilliant shades with limited coverage it is recommended to apply *Absolutecap* as a first layer in a similar colour.

## Maintenance on old paint

1. Remove the flaking paint, efflorescence or other incoherent residues or crumbling material with brushes and scrapers and perform pressure washing with a pressure washer;
2. Restore any missing plaster parts or cracks with *Stucco Light*
3. After 0.5 1h, proceed as described in points 6 and 7.

## SPECIFICATION ITEM

Acrylic enamel in aqueous dispersion with solid residue 55%, resistant to UV rays and ideal for protecting new structures or structures undergoing maintenance that have mineral wall substrates such as plasters with different compositions, concrete and fibrocement, in rural, marine or industrial environments, at an average total consumption rate of 250 ml/m<sup>2</sup>. Complies with the requirements of Reg. 852/2004/EC.

## 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

PRODUCT DATA SHEET  
**K81 PROFESSIONALE SATIN**  
Waterborne masonry enamel



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.