

# TECHNICAL DATA SHEET

## K81 TOPCAP SATIN

Water-based paint for interior and exterior walls



### CHARACTERISTICS High washability wall enamel for interior and exterior use.

It is characterised by elasticity, mechanical resistance and wear resistance. It has high adhesion to various types of substrates, water impermeability and filling power. It ensures uniformity and coverage.

Outdoors, it offers excellent protection against weathering and UV rays, low yellowing and high colour stability, even in conditions of high exposure and severe climates.

Easy to apply, quick drying and low dripping, it is suitable for professional use.

Thanks to its low dirt retention, low VOC content and high resistance to washing with detergents and disinfectants (maximum resistance 10 days after application), the product is suitable for use in environments where high standards of hygiene must be maintained or in rooms used for the processing and/or storage of food products, in accordance with UNI 11021:2002 and the relevant test reports, in accordance with the HACCP protocol.

Complies with **Class A** requirements (emissions of volatile organic compounds) as reported in the relevant Test Report.

#### WATER RESISTANCE

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

Expose the product after 5 days of stabilisation to avoid contact with rainwater or condensation (in case of fog or humidity above 85%) before complete polymerisation.

### COMPOSITION

Based on acrylic resin in aqueous dispersion.

### PRODUCT PROPERTIES

	Class EN 13300	Method	Value
Dirt retention	Very low	UNI 10792	$\Delta L \leq e 3$
Resistance to wet brushing	1	UNI EN ISO 11998	$L_{dft} \leq 5 \mu$
Adhesion		Internal PF16	EXCELLENT
Coverage (White)	2 (7 m <sup>2</sup> /l)	ISO 6504-3	$\geq 98\% < 99.5\%$
Brightness	Satin	EN ISO 2813	Gloss < 60 @ 60° and $\geq 10$ @ 85°
Dry residue by weight Drying		Internal PF25 PF02	58-62 Overcoatable 4-6 hours; Complete 5 days

### SPECIFIC

Specific weight	Internal PF3	1050–1450 g/l depending on the colours
Gloss	Internal PF6	2

### STORAGE

The product is stable for 1 year if stored in its original containers at a temperature between +5°C and +30°C.

### COLOUR

White.

The range of colours can be expanded with shades from the Area 115, Spazio 100, Tintoretto, Tucano, RAL K7, NCS, Archipalette and Urban Habitat colour charts. The colours can be produced using the Arreghini Colors 16 system. The colour may vary slightly between production batches, so it is necessary to finish the job with the same production batch.

## USE

It is suitable for decorating and protecting new or existing walls from atmospheric agents, even with intense colours, such as various types of plaster (cement-based, lime-based, premixed, skim coats for external insulation), concrete and fibre cement in rural, marine or industrial environments.

The product is not suitable for application on stacked products.

For gypsum or stucco skim coats, assess the suitability of the application cycle.

For exterior surfaces subject to biological pollution from mould, algae and moss, add 350 ml of additive *B25* for every 14 litres of paint.

Tools should be washed with water immediately after use.

## TOOLS

Roller, brush, spray.

## DILUTION

0-10% by volume with water.

## COVERAGE

7-9 m<sup>2</sup>/l per coat

## APPLICATION

+5°C +30°C

## TEMPERATURE

## PAINTING SYSTEM

### EXTERIOR

**New cement plaster surfaces, premixed plasters, lime-cement plasters, reinforced concrete, precast concrete**

1. Clean with pressure washing to remove all impurities, such as dirt, mould, algae, moss and release agents.
2. Treat with *B1* if biological contamination from mould, algae or moss is present.
3. After 4-6 hours, apply one coat of *Murisol* or *Murisol W*;
4. After 5-8 hours, apply two coats of *K81 Topcap Satin*, waiting 4-6 hours between coats.

### Maintenance on old paint

- A. Remove loose paint, efflorescence or other loose residues or crumbling material with brushes and scrapers and wash with a pressure washer;
- B. Restore any missing plaster with *K29* if the repairs are minor; otherwise, for thicker layers, use *50* or *501*;
- C. After 24 hours if using *K29* or 14 days if using *50* or *501*, treat with *B1* if there is biological contamination from mould, algae or moss; then, if necessary, proceed as in points 3 and 4.

### INTERIOR

**New surfaces of cement plasters, premixed plasters, gauge mortar plasters, reinforced concrete, precast concrete**

5. Clean all impurities
6. Treat with *B1* if biological contamination from mould, algae or moss is present;
7. After 4-6 hours, apply two coats of *K81 Topcap Satin*, waiting 4-6 hours between coats.

N.B. in the case of bright colours with limited coverage, we recommend applying a first coat of *Ecolora Absolutecap* in a similar colour.

### Plasterboard surfaces and skim coats with Stuccocap

8. Clean off any dirt and dust.
9. Apply one coat of *Acrilifix* diluted to 500-600% by volume with water.
10. After 5-8 hours, apply two coats of *K81 Topcap Satin*, waiting 4-6 hours between coats.

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N.B. In the case of bright colours with limited coverage, we recommend applying *Ecolora Absolutecap* in a similar colour as the first coat.

### Maintenance on old paint

- D. Remove loose paint, efflorescence or other loose residues or crumbling material with brushes and scrapers and wash with a pressure washer;
- E. Restore any missing plaster or cracks with Stucco Light.
- F. After 30-60 minutes, proceed as in steps 6 and 7.

## ITEM SPECIFICATION

Acrylic resin enamel in aqueous dispersion with 55% solid residue, UV resistant, used to protect new or existing structures, based on mineral wall substrates such as plaster of various compositions, concrete and fibre cement in rural, marine or industrial environments with an average total consumption of 250 ml/m<sup>2</sup>. Suitable for meeting the requirements of Reg. 852/2004/EC.

## WARNINGS

To carry out the work properly, it is essential to follow the instructions for surface preparation contained in CAP Arreghini Books.

The specification data have been determined at +23°C with 65% relative humidity. Under different conditions, the data and the times between one operation and another may vary.

The technical information provided is indicative. Due to the wide variety of substrates and application conditions, it is advisable to check the suitability of the product for the intended use and its effectiveness by carrying out tests on the specific application.