

FEATURES

Paint with mineral binders based on potassium silicate according to DIN 18363. Due to its chemical nature it does not form a film, but hardens by reacting chemically with the substrate.

It is characterised by high vapour diffusion such that it provides the breathability necessary to ensure dry walls, making it suitable for finishing dehumidifying systems. Its quality ensures high protection and colourfastness outdoors and allows it to fill the substrate, resulting in a compact, homogeneous finish with uniform opacity. These characteristics make it suitable for both new and historic building facades.

COMPOSITION

Product formulated with mineral binders based on potassium silicate.

PRODUCT PROPERTIES

	Class EN 1062	Method	Value
Opacity	2 (10m ² /l)	UNI EN ISO 6504-3	≥ 98 e < 99.5%
Brilliance	Opaque	UNI EN ISO 2813	< 10
Grime grip	Low	UNI 10792	ΔL > 3 and ≤ 9
Dry residue by weight Drying		Internal PF25 Internal PF2	52-56 % Overlapping 4-6h; Complete 5 days

SPECIFICATIONS

Specific weight	Internal PF3	1450-1550 g/l
Coverage	Internal PF11	> 98

STORAGE

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

COLOURS

White AC16.

The range of colours can be extended in the pastel and medium shades of the *Tucano* palette. The colours can be produced with the Arreghini Colors 16 system. Between one production run and the next, the tint may be slightly different, so it is necessary to finish the job with the same production run. Mineral products react chemically with the substrate and therefore on plasters of a different nature and composition there may be differences in colour even with the same batch; prepare the substrate adequately.

USAGE

It is suitable for the decoration and protection from weathering, even with intense colours, of alkaline substrates, new or undergoing maintenance, such as plasters of various compositions (cement, lime-based, premixed, skim coat) and old silicate or lime-based paints in rural, marine or industrial settings.

It cannot be applied over synthetic paints. Although it is compatible with cement and reinforced concrete, it does not provide them with effective protection due to its high breathability. For outdoor surfaces subject to biological pollution by mould, algae and moss, treat the surface with B1 and add 350 ml of B25 per 14 litres of paint. Since the hardening mechanism takes place through a chemical reaction with the substrate, it is important to cover the surfaces that are not to be painted (glass and marble) and, if necessary, to immediately remove any stains. Tools are cleaned with water.

TOOLS

Roller, Brush, Spray.

DILUTION

First layer, as primer: 30-40% by volume with *Silicap Fix*
Following layers: 10-20% by volume with *Silicap Fix*.

YIELD

8-10 m² /l per layer.

APPLICATION TEMPERATURE

+5°C +30°C

PAINTING SYSTEM

New surfaces of cement plaster, cement-lime mortar plaster, dehumidifying plaster and old silicate and lime paints

- 1.1 Clean with a pressure washer from all impurities such as dirt, moss, mould, cast-off agents;
- 1.2 On a dry surface, apply a layer of *Silicap* diluted with *Silicap Fix* at 30-40% by volume
- 1.3 After 4-6 hours, apply two layers of *Silicap* diluted with *Silicap Fix* at 10-20% by volume, waiting 4-6 hours between each layer.

Maintenance on old synthetic paints and coatings

- 2.1 Using brushes and scrapers, remove old paint that is flaking off, efflorescence or other loose residues or crumbling material and carry out pressure washing with a high-pressure cleaner;
- 2.2 Restore any missing plaster parts with *50* or *501*
- 2.3 After 2 days, apply one layer of *Unifix* diluted by weight 10% with *Silicap Fix*;
- 2.4 After 5 hours, proceed as in 1.3.

Maintenance on old paint polluted with mould

- 3.1 Treat the surface with *B1*;
- 3.2 After 5-8 hours, prepare the substrate as per point 2.1 et seq. and apply *Silicap* with 350ml of *B25* for every 14 litres of paint.

SPECIFICATION ITEM

Inorganic pigment-based, non-flammable, mineral silicate finish paint with high breathability. Matt-looking finish with consumption of 220 ml/m².

WARNINGS

In order to carry out the work in a workmanlike manner, it is essential to follow the surface preparation instructions in the CAP Arreghini books.
Specification data were determined at +23°C with 65% relative humidity in the environment. Under different conditions, data and times between operations vary.
The technical information contained herein is indicative only. Due to the enormous variety of substrates and application conditions, it is recommended to check the suitability of the product and its effectiveness by means of tests carried out on the specific application.