

DESCRIPTION

Water-based paint, waterproof and moderately breathable, easy to apply, ideal for professional use as it has excellent adhesion properties, filling and covering powers on a wide variety of substrates.

High quality paint formulated with siloxanic resins for good protection and colour resistance in outdoor environments. It is characterized by perfect balance between water impermeability and water vapour permeability, so as to guarantee the breathability required for dry walls, thus making it suitable finishes of dehumidifying systems. Thanks to the presence of inert lamellar charges, it presents a moderate levelling capacity.

RESISTANCE TO WATER

The product dries and cures completely in over 10 days under optimal conditions (+15 +30° C with support relative humidity <10% and relative air humidity <75%). If before complete drying the painting undergoes erosion caused by rainwater or condensation (in case of fog or humidity greater than 85%) there may be sagging-glossy-looking more or less extensive. This phenomenon, of a temporary nature, does not affect the strength of the product and is removed with water or through the subsequent natural action of rain and sunshine.

RESISTANCE TO MOULD AND ALGAE

The product has been tested and the results confirm the effectiveness against fungi and algae. It must, however, be considered that the active ingredients contained therein are biodegradable and consequently the effectiveness reduces over time due to the prolonged action of fungi and algae that settle on the surface of the paint film. Furthermore, the presence of organic substances, climatic conditions, humidity and rainfall contribute to reducing the effectiveness of the active ingredients. In fact, in the event of high humidity or rainfall, the mould-resistant action (which occurs by contact of the microorganism with the active ingredient) will be less effective due to the active ingredient being in a diluted condition. Therefore, it is not possible to quantify after how long microorganisms, fungi and algae will start to grow again.

PROPERTY OF THE PRODUCT

	Class	Method	Value
Opacity level (Contrast ratio)	EN 1062 4 (10m ² /l)	UNI EN ISO 6504-3	< 95%
Gloss level	Very Matt	UNI EN ISO 2813	Gloss < 5
Dirt retention	low	UNI 10792	ΔL > 3 e ≤ 9
Wet scrub resistance	1	UNI EN ISO 11998	L _{dfb} < 5
Solid by weight		internal PF25	59-63 %
Mold resistance			Excellent

PERFORMANCE DATA

Specific weight	internal PF3	1300-1550 g/l
Drying time	internal PF2	recoatable 4-6h; fully 10 days

SHELF LIFE

1 year minimum, stored in its unopened original can at temperatures between +5°C and +30°C.

- COLOUR RANGE** White AC16
The range of colours can be extended using the Tucano, Area 115 and Spazio 100 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), fibrocement and old paints, in rural, marine or industrial environments. Strong colours may also be used. It may be used as a finishing on dehumidifying plaster. Although it is compatible with concrete and reinforced concrete, its high level of breathability does not ensure valid protection on exterior surfaces subject to biological pollutants, such as mould, seaweed and moss. For this reason, 350 ml of B25 must be added for every 14 litres of paint.
- TOOLS** Roller, Brush, Airless spray
- THINNING** Roller, Brush: 15-30% by volume with water.
Airless Spray- 0-10% by volume with water.
- COVERAGE** 9-11 m²/l per coat
- APPLY** +5°C +30°C
- COATING SYSTEM** **New substrates made of cement-based and gauged mortar plasters, dehumidifying plasters**
- 1.1 Power wash to remove any impurities such as dirt, moss, mould and parts flaking off the casting, and proceed as follows:
 - 1.2 Apply a coat of *Murisol* or *Murisol W* on the dry substrate;
 - 1.3 After 5-8 hours, apply two coats of *Sil96 Quarzo* quartz water-paint, 4-6 hours apart.
- Maintenance on old paint**
- 2.1 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.
 - 2.2 Restore any missing plaster using synthetic mortar K29, if a thin coat is required; apply *Rasacap 50* or *501* when a thick coat is needed.
 - 2.3 After 4-5 days, proceed as per point 1.2, 1.3.
- Maintenance on old paint polluted with mould**
- 3.1 Prepare the surface as per points 2.1, 2.2.
 - 3.2 Treat the surface with anti-mould B1.
 - 3.3 After 4-6 hours apply a coat of *Murisol* or *Murisol W*.
 - 3.4 After 5-8 hours, apply two coats of *Sil96 Quarzo* quartz water-paint supplemented with a 350ml of B25 for every 14 litres of paint.
- Maintenance on texture coatings**
- A. Remove any flaking paint, efflorescence, debris or other loose or crumbling material with brushes and scrapers and wash with a pressure washer; restore any missing parts of the texture coating and apply two coats of *Sil96 Active* at a distance of 4-6h from each other.

SPECIFICATION ITEM

Pigmented siloxanic paint, in aqueous dispersion, for interiors and exteriors, with high water vapour diffusion, to be applied on surfaces treated with a suitable primer, with an average consumption rate of 200 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.