

Acrylic-siloxane anti-mould, anti-algae exterior filling paint

CHARACTERISTICS High-quality paint based on acryl-siloxane resins that ensures good colour protection and resistance outdoors; water-dilutable, water impermeable and adequately breathable, easy to apply, ideal for professional use, with high compatibility and adhesion characteristics, filling power and coverage on different types of substrate.

Thanks to its balance of water impermeability and vapour diffusion capacity, it guarantees dry walls.

Its high breathability makes it suitable for finishing dehumidifying systems.

Its special grain size allows the substrate to be filled, resulting in a compact, homogeneous finish. Its high opacity ensures adequate masking of plaster imperfections. The product in colours with a light reflection value LRV>25% is also suitable for painting during maintenance of external insulation systems.

WATER-RESISTANCE

The product dries and polymerizes completely in about 10 days in optimal conditions (+15 +30°C with substrate humidity <10% and relative air humidity <75%). If the product has not fully dried and the coating is subjected to rainwater or condensation (where fog, mist or humidity exceeds 85%), more or less extensive semigloss-like drips may appear. This temporary phenomenon does not affect the resistance of the product, and can be removed by power washing or simply by the natural action of rain and sun.

COMPOSITION

Product formulated with acrylic siloxane resins dispersed in water, selected aggregates and additivated with encapsulated fungicide.

PROPERTIES OF THE PRODUCT

	VALUE	METHOD
MOULD RESISTANCE	EXCELLENT	
RESISTANCE TO WEATHERING	GOOD	
COVERAGE	GOOD	
OPACITY LEVEL	HIGH	
WATER IMPERMEABILITY	GOOD	
DIFFUSION OF WATER VAPOUR	GOOD	
DIRT RETENTION	LOW	
SOLID BY WEIGHT	64-68%	Internal PF25
DRYING TIME	Recoatable 4-6h Fully 10 days	Internal PF2

SPECIFICATIONS

	VALUE	METHOD
SPECIFIC WEIGHT	1400-1600 g/l	Internal PF3

SHELF-LIFE

The product is stable for 1 year if stored in its unopened original can at temperatures between +5°C and +30°C.

COLOUR RANGE

White.

The range of colours can also include the colours in the Area 115, Spazio 100, NCS and Tucano swatches. The colours are achievable with the Arreghini Colors 16 system. 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 suitable for the decoration and protection from atmospheric agents, even with intense colours, of alkaline substrates, new or under maintenance, such as plasters of various compositions (cementitious, lime-based, premixed, skim coat), and fibre cement, in rural, marine or industrial environments. Although it is compatible with cement and reinforced concrete, due to its high breathability it does not provide them with valid and specific protection.

TOOLS

Roller, brush

THINNING

15-30% by volume with water.

COVERAGE

8-10 m²/l per coat

APPLICATION TEMPERATURE

+5°C +30°C

COATING SYSTEM

New substrates made of cement-based plasters, gauged mortar plasters or dehumidifying plasters

- 1.1 Power wash to remove any impurities such as dirt, moss, mould and flaking parts;
- 1.2 Apply a coat of *Murisol* or *Murisol W* on the dry substrate;
- 1.3 After 5-8 hours, apply two coats of *Sil Matt Active*, 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.
- 4.1 Restore any missing plaster using product K29 if there are minor repairs, otherwise apply product 50 or 501 for larger areas.
- 4.2 After 14 days apply a coat of *Murisol* or *Murisol W*;
- 2.3 After 5-8 hours, apply two coats of *Sil Matt Active*, 4-6 hours apart.

Maintenance on old paints with mould

- 3.1 Prepare the surface as per points 2.1-2.2;
- 3.3 Treat the surface with *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 *Sil Matt Active*

Maintenance on thick coatings

- 4.1 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.
- 4.2 Restore any missing plaster and apply two coats of *Sil Matt Active*, 4-6 hours apart.

SPECIFICATION ITEM

Acrylic-siloxane pigmented exterior paint based on selected aggregates, dispersed in water, with low resistance to vapour diffusion and resistant to mould and algae, to be applied on substrates treated with a suitable primer. Average consumption of 220 ml/m²

INSTRUCTIONS

To carry out the work a workmanlike manner, follow the instructions for surface preparation according to the CAP Arreghini Books. The specification data have been calculated at a temperature of +23°C with a relative ambient humidity of 65%. In different conditions, the data and the time intervals between one step and another of the above reported coating system can vary.

TECHNICAL DATA SHEET
SIL MATT ACTIVE



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This technical information is intended as a rough guide. Due to the huge variety of substrates and application conditions, we suggest checking the suitability of the product and testing the effectiveness on a sample beforehand.