

CHARACTERISTICS

Quality acrylic-siloxane resin-based coating that ensures good exterior protection and colour retention. The paint is water-soluble, impermeable to water, moderately breathable, easy to apply and ideal for professional use thanks to its high compatibility and adhesion, filling power and coverage on different substrates.

Sil Matt Active is characterized by the right balance between water impermeability and resistance to vapour diffusion so as to guarantee the necessary breathability to keep walls dry. Its high breathability makes it ideal as a finishing product for dehumidifying systems. The particle size allows it to fill the substrate, giving it a compact and even finish. Due to its high opacity, it ensures good hiding properties for any imperfections in the plaster. The product, available in colours with a light reflectance value LRV > 25, is also suitable for painting exterior insulated wall cladding that is undergoing maintenance work.

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

SPECIFICATIONS

	VALUE	METHOD
SPECIFIC WEIGHT	1400-1650 g/l	Internal PF3
DRYING TIME	Recoatable 4-6h Fully 10 days	Internal PF2

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 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

Ideal for decorating and protecting old and new alkaline-based substrates, even in intense colours, such as various types of plasters (cement, lime-based, premixed and skim coats) and fibre cement against weathering in rural, marine or industrial atmospheres. Although it is compatible for use with concrete and reinforced concrete, given its high breathability, it does not guarantee the protection properties as with other substrates.

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 96 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.

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.