

MURIPLAST ACTIVE 1000-1200-1500

Fiber-reinforced anti-mould anti-algae acrylic wall covering with compact effect

DESCRIPTION

Textured masonry coating for exteriors and interiors composed of selected grain quartz dispersed in water-based resin.

Waterproof and moderately breathable, easy to apply, ideal for professional use as it is extremely compatible and has excellent adhesion properties, filling powers and is very fast to apply on a wide variety of substrates.

Its excellent quality guarantees excellent protection and colour resistance in exterior applications.

Its compact and even finish guarantees superb masking of any imperfections in the plaster and so the product, in the colours with refractive index >25; it is especially suitable for the painting and maintenance of exterior insulation coverings.

WATER-RESISTANCE

The product dries and polymerizes completely in approximately 10 days under optimal conditions, because of the elevation of thickness (+15°C +30°C with support moisture <10% and relative air humidity <75%). In conditions of high environmental humidity, protect against rain for a few days.

COMPOSITION

Wall coating composed of styrene-acrylic resins in aqueous dispersion, fibres, selected grain quartz and specific anti-mould-anti-algae additives resistant to washing away, encapsulated with new technology that guarantees constant and effective protection of the film. This enables the coating to resist algae, mould and fungi for longer on exterior façades.

PRODUCT PROPERTY

	Value	Method
Resistance to weathering	Excellent	
Resistance to crazing	Good	
PERMEABILITY TO LIQUID WATER	W ₂ (medium liquid water permeability)	UNI EN 1062-3:2008
WATER VAPOUR PERMEABILITY	V ₂ (medium permeability)	UNI EN ISO 7783:2019
DIRTY SOCKET	Low	
Solid by weight 1h @ 105 ° C	80-90 %	Internal PF25
Drying time	Overcoatable 24h; Full 10 days	Interior PF2

SPECIFICATION DATA

	Value	Method
Specific weight	1800-1900 g/l	Interior PF3

SHELF LIFE

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

COLOUR RANGE

White.

The range of colours can be extended using the sample books Tucano. 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 undergoing maintenance, such as

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plaster of various compositions (cementitious, lime-based, pre-mixed, skim coat), concrete and fibre cement, in rural, marine or industrial atmospheres.

For outdoor surfaces, we recommend adding 350 ml of B25 per 25 kg of product to increase resistance to biological pollution by mould, algae and moss.

Apply with a steel trowel, distributing the product evenly over the plaster. Before drying begins, smooth the surface with the plastic trowel, rolling slightly in a circular direction. To obtain an even surface, work with the same tool and provide a sufficient number of operators on the scaffold to ensure continuous wet-on-wet working of the entire wall without interruption.

TOOLS

Stainless steel and plastic trowel

THINNING

0-3% by weight with water

COVERAGE

1000: 0.5-0.6 m²/kg per coat

1200: 0.4-0.5 m²/kg per coat

1500: 0.33-0.4 m²/kg per coat.

APPLY

+5°C +30°C

COATING SYSTEM

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

Power wash to remove any impurities such as dirt, moss, mould and parts flaking off the casting, and proceed as follows:

- 1.1 apply a coat of *Primer* or *Murisol W* on the dry substrate;
- 1.2 after 5-8 hours, apply a coat of *Muriplast Active*.

Surfaces with coat finishers

- 1.3 On a dry surface apply a layer of *Primer* or *Murisol W*;
- 1.4 After 5-8h apply a layer of *Muriplast Active*.

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 50 or 501 when a thick coat is needed.
- 2.3 After 24 hours, if K29 has been applied, or after 14 days if 50 or 501 has been used, apply a coat of *Primer* or *Murisol W*.
- 2.4 After 5-8 hours, proceed as per point 2.

Maintenance on old paint polluted with mould

- 3.1 Treat the surface with anti-mould B1.
- 3.2 After 5-8h, prepare the substrate as per points 2.1, 2.2, 2.3, then apply *Muriplast Active*. On outdoor surfaces, we recommend adding 350 ml of B25 per 25 kg of product for greater resistance to biological pollution by mould, algae and moss.

SPECIFICATION

Textured acrylic water-based covering, formulated with a mixture of marble

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ITEM

chippings with a max. grain-size distribution of 1 mm (type 1000), max. 1.2 mm (type 1200), max. 1.5mm (type 1500) up to 1.9 mm (1900) and a good level of breathability. To be applied on surfaces treated with a suitable primer at an average consumption rate of 1.8 kg/m² (type 1000), 2.3 kg/m² (type 1200), 2.8 kg/m² (type 1500).

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.