

DESCRIPTION

Aqueous dispersion paint containing acrylic elastic copolymers, plasticizer-free forming a suitable coating to resist micro-cracking. Impermeable to water and moderately breathable, easy to apply, ideal for professional use as it is extremely compatible and has excellent adhesion properties, filling and covering powers on a wide variety of substrates.

Its excellent quality guarantees maximum protection and resistance of the colour in outdoor environments with excellent finishing results. Thanks to the quartz powder and fibres it contains, this highly structured product enables obtaining a compact and homogeneous, very opaque, finish with superb masking properties of plaster imperfections.

The product, in the colours with refractive index >25, is especially suitable for the painting and maintenance of exterior insulation coverings.

WATER RESISTANCE

The product dries and polymerizes completely in 10 days under optimal conditions (+15 +30 ° C with support humidity <10% and relative humidity <75%).

If, before drying, the paint is washed away due to rain or condensation (in the case of fog or humidity higher than 85%), some dripping may appear with a more or less extensive semi-gloss appearance. This phenomenon, of a temporary nature, does not affect the resistance of the product and is eliminated with washing or through the subsequent natural action of rain and sun.

MOLD AND ALGAE RESISTANCE

The product has been tested according to EN15458 - 2006 and the results confirm the validity of effectiveness against fungi and algae.

It must however be considered that the active ingredients contained therein are biodegradable and consequently the effectiveness is reduced over time. due to the prolonged action of fungi and algae that are deposited on the surface of the film.

Furthermore, the presence of organic substances, climatic conditions, humidity and rainfall contribute to reducing the effectiveness of the active ingredients.

In the presence of high humidity or rainfall, in fact, the anti-mold action (which occurs by contact of the microorganism with the active principle) will be less effective because the active ingredient will be in a dilution state. Therefore it is not possible to quantify after how much time the growth of microorganisms, fungi and algae can resume.

COMPOSITION

Product formulated with acrylic resins with internal elastification, synthetic fungicides, synthetic fibers and selected aggregates.

PROPERTIES OF DRIED FILM

	Class	Method	Value
	EN13300		
Gloss level	Matt	UNI EN ISO 2813	Gloss < 10
Opacity level (Contrast ratio)	3 (10m ² /l)	UNI EN ISO 6504-3	≥ 95 e < 98 %
Dirt retention	low	UNI 10792	ΔL > 3 e ≤ 9
Wet scrub resistance	1	UNI EN ISO 11998	L _{df} < 5
Solid by weight		interior F25	63-67 %
Algae and mould Resistance			Excellent
Elasticity			Excellent

PERFORMANCE DATA

Specific weight	Internal PF3	1250-1450 g/l
Drying time	Internal PF2	recoatable 12-16h; fully 10 days
Opacity (White Ac16)	Internal PF11	> 95

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 preventively protecting and reclaiming mineral surfaces subject to cracking. It is used to decorate and protect from atmospheric agents new structures or structures undergoing maintenance that have alkaline substrates such as plasters with different compositions (cement, common lime, pre-mixed, skim coat plaster for exterior insulation), concrete and fibrocement, in rural, marine or industrial environments. Strong colours may also be used. It is compatible with cement and reinforced concrete to which it provides reliable and specific protection. Elastocap Intermediate with high humidity, as the dried film becomes too sensitive to water, in case of rain. The product is dried and can be superimposed in 12-16 hours under optimum conditions (15 ° -30 ° C with support humidity <10%, relative air humidity <70%); with lower temperatures and higher humidity the drying time increases, if the humidity of the air is > 85% the product does not dry.

TOOLS

Roller, Brush, Airless-spry

THINNING

Roller, Brush: 5-10% by volume with water.
 Airless-spry: 0-10% by volume with water

- COVERAGE** 6-7 m²/l per coat, depending on the type of workmanship.
- APPLY** +5°C +30°C
- COATING SYSTEM** Anti-cracking systems are ideal both as a preventive measure and a solution for cracking caused by plaster shrinkage or joints and structural problems.
- New substrates made of cement-based and gauged mortar plasters, reinforced concrete, concrete prefabs**
- Preventive system**
Power wash to remove any impurities such as dirt, moss, mould and parts flaking off the casting, and proceed as follows:
1. Apply a coat of *Murisol* or *Murisol W* on the dry substrate;
 2. After 5 to 8 hours, apply two coats of *Elasto Active*, 12-16 hours apart.
- Curative system**
Surfaces presenting honeycomb micro cracking in cement-based plasters, gauged mortar plasters, reinforced concrete, concrete prefabs and old paint
Power wash to remove any impurities such as dirt, moss, mould and parts flaking off the casting, and proceed as follows:
1. Apply a coat of *Murisol* or *Murisol W* on the dry substrate;
 2. After 5-8 hours, apply two coats of *Elasto Active*, 12-16 hours apart.
- Surfaces presenting micro cracking in cement-based plasters (inferior to 1 mm), gauged mortar plasters, reinforced concrete, concrete prefabs and old paint**
Power wash to remove any impurities such as dirt, moss, mould and parts flaking off the casting, and proceed as follows:
1. Fill with *Elasto Stucco* filler;
 2. Apply a coat of *Murisol* or *Murisol W* on the dry substrate;
 3. After 5-8 hours, apply two coats of *Elasto Active*, 12-16 hours apart.
- Surfaces presenting cracking in cement-based plasters (superior to 2 mm), gauged mortar plasters, reinforced concrete, concrete prefabs and old paint**
Power wash to remove any impurities such as dirt, moss, mould and parts flaking off the casting, and proceed as follows:
- A. Fill with *smoothing 50*;
 - B. Cover with a non-woven fabric soaked in *Elasto Guaina* or *Elasto Stucco*;
 - C. Apply a coat of *Murisol* or *Murisol W* on the dry substrate;
 - D. After 5-8 hours, apply two coats of *Elasto Active*, 12-16 hours apart.
- Surfaces presenting diffused structural cracking on the entire surface of cement-based plasters, gauged mortar plasters, reinforced concrete, concrete prefabs and old paint**
Power wash to remove any impurities such as dirt, moss, mould and parts flaking off the casting, and proceed as follows.
- Diffused cracking < 1mm**
- E. Apply the mesh for exterior insulation soaked in *smoothing 50* on the entire surface. Proceed with the top coat plastering, by spreading the paste with a trowel, positioning the reinforcing mesh and pressing it down into the plaster

until it is completely embedded, then re-applying *smoothing 50* until the mesh has been totally covered with a surface similar to plaster.

- F. Apply a coat of *Murisol* or *Murisol W* on the dry substrate after approx. 14 days.
- G. After 5 to 8 hours, apply two coats of *Elasto Active*, 12-16 hours apart.

Diffused cracking > 1mm < 3mm

- A. Fill with *Elasto Stucco* filler;
- B. Apply the mesh for exterior insulation soaked in *smoothing 50* on the entire surface. Proceed with the top coat plastering, by spreading the paste with a trowel, positioning the reinforcing mesh and pressing it down into the plaster until it is completely embedded, then re-applying *smoothing 50* until the mesh has been totally covered with a surface similar to plaster.
- C. Apply a coat of *Murisol* or *Murisol W* on the dry substrate after approx. 14 days.
- D. After 5-8 hours, apply two coats of *Elasto Active* 12-16 hours apart.

Diffused cracking > 3mm

- A. Fill with *smoothing 50*.
- B. Apply the mesh for exterior insulation soaked in *smoothing 50* on the entire surface. Proceed with the top coat plastering, by spreading the paste with a trowel, positioning the reinforcing mesh and pressing it down into the plaster until it is completely embedded, then re-applying *smoothing 50* until the mesh has been totally covered with a surface similar to plaster.
- C. Apply a coat of *Murisol* or *Murisol W* on the dry substrate after approx. 14 days.
- D. After 5-8 hours, apply two coats of *Elasto Active* 12-16 hours apart.

Maintenance on old paint polluted with mould

- A. Using brushes and scrapers, remove any old paint that is flaking off, bloom or other uneven residues or crumbling materials and power wash with a high pressure water jet cleaner.
- B. Restore any missing plaster using synthetic mortar, if a thin coat is required; apply *smoothing 50* when a thick coat is needed.
- C. After 24 hours, if *K29* has been applied, or after 14 days if *smoothing 50* has been used, treat with anti-mould *B1*
- D. Apply a coat of *Murisol* or *Murisol W* on the dry substrate after approx. 5 hours
- E. After 5-8 hours, apply two coats of *Elasto Active* 12-16 hours apart.

**SPECIFICATION
ITEM**

Fibre containing elastomeric paint with internal elastification, resistant to both mould and seaweed, ideal for micro cracking systems, to be applied on pre-treated surfaces with suitable primer, at an average consumption rate of 330 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.