

ELASTO ACTIVE

Fibre-reinforced elastomeric anti-mould paint

FEATURES

Water dispersion paint based on elastic, plasticiser-free acrylic copolymers that forms a coating resistant to micro cracking. Water-resistant and adequately breathable, it is easy to apply, ideal for professional use, with high compatibility, adhesion, filling power and coverage on various types of substrate.

Its high quality ensures a high level of finish, protection and colourfastness outdoors. The quartz powder and fibres it contains make the product highly structured, resulting in a compact, homogeneous and matt finish with high masking of plaster imperfections. The product, in colours with a light reflectance value LRV >25, is also suitable as an anti-caulking layer in external insulation systems.

WATER RESISTANCE

The product dries and cures completely in about 10 days under optimal conditions (+15+30°C with substrate humidity <10% and relative air humidity <65%).

If, before the paint is completely dry, it is washed away by rainwater or condensation (in the case of fog or humidity above 85%), more or less extensive semi-glossy streaks, known as 'sludges', may appear. This phenomenon, temporary in nature, does not affect the resistance of the product and is eliminated by hydro-washing or the subsequent natural action of rain and sun.

COMPOSITION

Product formulated with elastic acrylic resins, specific biocides, synthetic fibres and selected aggregates.

PRODUCT PROPERTIES

	Class	Method	Value
	EN 1062		
Brilliance	Opaque	UNI EN ISO 2813	Gloss < 10
Opacity	3 (10m ² /l)	UNI EN ISO 6504-3	≥ 95 and < 98 %
Dirt retention	Low	UNI 10792	ΔL > 3 and ≤ 9
Resistance to wet brushing	1	UNI EN ISO 11998	L _{dft} < 5 μ
Dry residue by weight		Interior PF25	63-67 %
Mould resistance			Excellent
Elasticity			Excellent
Drying		Internal PF2	Overlapping 12-16h Complete 10 days

SPECIFICATIONS

Specific weight	Internal PF3	1250-1450 g/l
Coverage (White AC16)	Interior PF11	> 95

STORAGE

The product is stable 1 year if stored in the original containers at a temperature between +5°C and +30°C.

COLOURS

White AC16.

The range of colours can be extended in the shades of the Area 115, Spazio 100, Tucano and NCS ranges. The colours can be produced with the Arreghini Colors 16

system. Between one production run and the next, the colour shade may be slightly different, so it is necessary to finish the job with the same production run.

EMPLOYMENT

It is suitable for preventive and remedial protection for mineral surfaces prone to cracking; it decorates and protects both new and maintained alkaline substrates from weathering, such as plasters of various compositions (cement, lime-based, premixed, skim coat plaster), concrete, fibre cement, in rural, marine and industrial atmospheres.

In combination with *Murisol W*, it is suitable for the protection of concrete and reinforced concrete.

The product dries and is recoatable in 12-16 hours under optimal conditions (15°-30°C with <10% humidity of the substrate, relative air humidity <70%); at lower temperatures and higher humidity the drying time increases; if the air humidity is >85% the product does not dry.

TOOLS

Roller, Brush.

DILUTION

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

YIELD

6-7 m²/l per layer, depending on type of processing

APPLICATION TEMPERATURE

+5°C +30°C

PAINTING SYSTEM

Anti-cracking systems are suitable for both preventing and treating plaster, joint and structural shrinkage cracks.

New surfaces of cement plaster, cement-lime plaster, reinforced concrete, precast concrete

Preventive system

Clean with a pressure washer from all impurities such as dirt, moss, mould, cast-off agents and proceed as follows:

- A. On a dry surface, apply one coat of *Murisol* or *Murisol W*;
- B. After 5-8 hours, apply two coats of *Elasto Active* 12-16 hours apart.

Healing system

Surfaces with micro honeycomb cracks in cement plaster, cement-lime plaster, reinforced concrete, precast concrete and old paintwork.

Clean with pressure washing from all impurities such as dirt, moss, mould, cast-off agents and proceed as follows:

- C. On a dry surface, apply one coat of *Murisol* or *Murisol W*;
- D. After 5-8 hours, apply two coats of *Elasto Active* 12-16 hours apart.

Surfaces with cracks of less than 1 mm in cement plaster, gauged mortar plaster, reinforced concrete, precast concrete and old paintwork

Clean with pressure washing from all impurities such as dirt, moss, mould, cast-off agents and proceed as follows:

- E. Grout with *Elasto Stucco*;

- F. On a dry surface, apply one coat of *Murisol* or *Murisol W*;
- G. After 5-8 hours, apply two coats of *Elasto Active* 12-16 hours apart.

Surfaces with cracks greater than 2 mm in cement plaster, cement-lime mortar plaster, reinforced concrete, precast concrete and old paintwork

Clean with pressure washing from all impurities such as dirt, moss, mould, cast-off agents and proceed as follows:

- H. Fill with *Rasacap 50*;
- I. Apply a layer of *Murisol* or *Murisol W*
- J. Cover cracks with non-woven fabric embedded in *Elasto-Guaina* or mesh fabric embedded in *Elasto Stucco*;
- K. After 5-8 hours, apply two coats of *Elasto Active* 12-16 hours apart.

Surfaces with widespread structural cracks on the entire surface of cement plaster, cement-lime plaster, reinforced concrete, precast concrete and old paintwork

Clean with a pressure washer from all impurities such as dirt, moss, mould, cast-off agents and proceed as follows:

Diffuse cracks < 1 mm

- L. Apply the overcoat mesh drowned with *Rasacap 50* over the entire surface. Proceed with levelling by spreading the mixture with a trowel, positioning the reinforcing mesh by pressing it into the levelling compound until it is completely embedded and reapplying *Rasacap 50* until the mesh is completely covered with a surface similar to plaster.
- M. On a dry surface, after approx. 14 days, apply one coat of *Murisol* or *Murisol W*;
- N. After 5-8 hours apply two coats of *Elasto Active*, waiting 12-16 hours between each coat.

Diffuse cracks > 1mm < 3mm

- O. Grout with *Elasto Stucco*;
- P. Apply the overcoat mesh embedded with *Rasacap 50* over the entire surface. Proceed with levelling by spreading the mixture with a trowel, positioning the reinforcing mesh by pressing it into the levelling compound until it is completely embedded and reapplying *Rasacap 50* until the mesh is completely covered with a surface similar to plaster;
- Q. On a dry surface, after approx. 14 days, apply a layer of *Murisol* or *Murisol W*;
- R. After 5-8 hours, apply two *Elasto Active* layers, 12-16 hours apart.

Diffuse cracks > 3mm

- S. Fill with *Rasacap 50*;
- T. Apply the coating mesh embedded with *Rasacap 50* over the entire surface. Proceed with levelling by spreading the mixture with a trowel, positioning the reinforcing mesh by pressing it into the levelling compound until it is completely embedded and reapplying *Rasacap 50* until the mesh is completely covered with a surface similar to plaster;
- U. On a dry surface, after approx. 15 days, apply a layer of *Murisol* or *Murisol W*;
- V. After 5-8 hours, apply two coats of *Elasto Active*, 12-16 hours apart.

Maintenance on old paint polluted by mould

- W. Using brushes and scrapers, remove old paint that is flaking off, efflorescence or other loose residues or crumbling material and carry out pressure washing with

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- a high-pressure cleaner;
- X. Restore any missing plaster with *K29* if the repairs are small; otherwise, for large thicknesses, use *Rasacap 50*;
 - Y. After 24 hours if using *K29* or 14 days if using *Rasacap 50* treat with *B1*
 - Z. On a dry surface, apply one coat of *Murisol* or *Murisol W*.
 - AA. After 5-8 hours, apply two coats of *Elasto Active* 12-16 hours apart.

SPECIFICATION ITEM

Fibre-reinforced, internally elastomeric paint resistant to mould and algae, suitable for anti-cracking systems to be applied on a surface pre-treated with a suitable primer with an average consumption of 330 ml/m².

WARNINGS

In order to carry out the work in a workmanlike manner, it is essential to follow the surface preparation instructions in the CAP Arreghini books.
Specification data were determined at +23°C with 65% relative humidity of the environment. Under different conditions, data and times between operations vary.
The technical information contained herein is indicative only. Due to the enormous variety of substrates and application conditions, it is recommended to check the suitability of the product and its effectiveness by means of tests carried out on the specific application.