

DESCRIPTION Waterbased matt filling paint based on acrylic resins with low VOC content, equal to 2.5 g/l, mineral pigments resistant to light and alkali and special additives to protect film from algae and mold. Thanks to its high resistance to UV rays and to atmospheric agents, it ensures a very high color stability over time.
It has been designed to contribute to the thermal insulation of both the summer and winter of the external walls through the use of special spherical charges that ensure a high reflection of light in the infrared field and to ensure good vapor permeability and water impermeability. Because of its high opacity also ensures an appropriate masking of any imperfections in the plaster.

WATER RESISTANCE

The product dries and polymerises completely in at least 10 days under optimal conditions (+15 +30 ° C with a humidity < 10% support and relative humidity <65%). If before drying completes the paint undergoes erosion caused by rainwater or condensation (in case of fog or humidity > 85%) there may be sagging-glossy-looking more or less extensive. This phenomenon, of a temporary nature, does not affect the strength of the product and is removed with water pressure wash or through the subsequent natural action of rain and sunshine.

RESISTANCE TO MOLD AND ALGAE

The product contains specific additives to protect the film from algae and mould. We must consider, however, that the active ingredients contained are biodegradable and therefore the effectiveness is reduced over time to the prolonged action of fungi and algae that settle on the surface of the film. Moreover, the presence of organic substances, climatic conditions, humidity and rainfall reduces the efficacy of the active ingredients. In the presence of high humidity or rainfall, in fact, the anti-mold action (which happens when the micro-organisms get in contact with the active ingredient) is less effective because the active ingredient will be in a state of dilution. So it is not possible to quantify how soon can resume the growth of micro-organisms, fungi and algae.

COMPOSITION Product formulated with acrylic resins in water dispersion, mineral pigments resistant to light and alkalis and specific additives to protect the film from algae and mould.

PRODUCT DATA

	CLASS	METHOD	VALUE
Solar reflectance			high
Heat conductivity			low
Resistance to mould			excellent
Solid by weight		Internal PF25	72 - 76 %
Gloss level UNI EN 1062-1	Matt	UNI EN ISO 2813	Gloss ≤ 10

SPECIFICATIONS

METHOD **VALUE**

TECHNICAL DATA SHEET
CAP THERM ACTIVE



Anti-mould anti-algae insulating water-based paint for exterior

Specific weight	1150-1250 g/l	Internal PF3
Coverage	> 98	Internal PF11

Drying times	Overcoatable:4-6h Complete 18h	Internal PF2
--------------	-----------------------------------	--------------

SHELF LIFE	1 year minimum, stored in its unopened and original cans at temperatures between +5 °C and +30 °C.
-------------------	--

COLOUR	White. The range can be extended in the pastel shades of the Tucano sampler (LRV> 25). The colours are achievable with the Arreghini Colors 16 system. Between one production and another the colour may be slightly different, it is therefore necessary to finish the work with the same production.
---------------	--

TYPICAL USE	<p>È idonea per la decorazione e la protezione dagli agenti atmosferici, di manufatti nuovi o in fase di manutenzione, a base di supporti minerali quali intonaci di varia composizione (cementizi, base calce, premiscelati, rasanti per cappotto), calcestruzzo e fibrocemento e supporti diversi quali legno e metallo preventivamente trattati con idonei fondi, in atmosfera rurale, marina o industriale.</p> <p>It is suitable for decoration and protection from atmospheric agents, new or maintenance products, based on mineral substrates such as plasters of various composition (cementitious, lime-based, premixed, smoothing coat), concrete and fiber cement and various supports such as wood and metal previously treated with suitable substrates, in a rural, marine or industrial atmosphere. The product, in the colors with light reflection value LRV 25, for its excellent resistance to thermal stresses is ideal for painting in the maintenance phase of external insulation systems.</p>
--------------------	--

TOOLS	Roller, Brush, Airless spray. Clean tools with water.
--------------	--

THINNING	Roller, Brush: 10-20% with water in volume. Airless spray: 10-15% with water in volume.
-----------------	--

COVERAGE	7-8 m ² /l per coat Recommended thickness: 200 dry micron equal to 300 ml/m ²
-----------------	--

APPLY	+5/+30 °C
--------------	-----------

COATING SYSTEM	<p>Spessore</p> <p>Cement-based plaster, gauged mortar and hydraulic lime, concrete, precast concrete new and old mold-free washable paint</p> <p>Preparation Clean with pressure washer from any impurities such as dirt, moss, mold release agents. On dry surface to apply a layer of Murisol or Murisol W;</p>
-----------------------	--

Application After 5-8h apply two coats of CAP THERM ACTIVE at a distance of 4-6h each other.

Wood - metal

Preparation **On wood** apply as a primer Opakite or Opakite W and proceed with the application of Captherm Active.
On metal apply as a primer Chromocap or Chromocap W and proceed with the application of Captherm Active.

Maintenance on old paint

Preparation Remove with brushes and scrapers any paint flaking, efflorescence or other loose debris or material crumbling and run washing with pressure washer; Restore any missing parts of plaster with K29 if the repairs of small entities; Otherwise, for large thickness, use skim 50 or 501. After 24h if using K29 or 14 days if using skim 50 or 501, treat with B1 If there is biological pollution from mold, algae, moss. On dry surface apply a coat of Murisol or Murisol W;

Application After 5-8h apply two coats of Captherm Active at a distance of 4-6h one from the other.

Maintenance of substrates presenting very strong signs of mold

Preparation Apply B1 on the interested part
After 3-5h clean with a cloth or brush the area attacked by mold and reapply B1 on the entire surface

Application After 5-8h apply two coats of Captherm Active at a distance of 4-6h one from the other.

Maintenance of thick coatings

Preparation Remove with brushes and scrapers any coating flaking, efflorescence or other loose debris or material crumbling and run washing with pressure washer; Restore any thick coating parts missing

Application After 5-8h apply two coats of Captherm Active at a distance of 4-6h one from the other.

SPECIFICATION ITEM

Water-based paint based on synthetic resins with a 74% solid residue. It contains special spherical charges that ensure a high reflection of light in the infrared field. To be applied with an average consumption of 300 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

TECHNICAL DATA SHEET
CAPTHERM ACTIVE



Anti-mould anti-algae insulating water-based paint for exterior

different conditions the data and the time intervals between the two phases of the above reported coating system can vary.