

CALCE

Mineral paint for interiors and exterior

DESCRIPTION

Mineral coating for wall, for interior and exterior, made of common lime, easy to apply, with drying times which enable rapid use of the rooms in which it is applied. Due to its chemical nature, it does not form a film but hardens due to a chemical reaction with the substrate and, given its high alkalinity, it has greater resistance to mould compared to ordinary paint for interiors and exterior.

It is characterized by high water vapour permeability so as to guarantee the breathability required to ensure dry walls and avoid condensation in environments subjected to high concentrations of steam such as kitchens and bathrooms. Its high breathability makes it ideal as a finishing product for dehumidifying systems.

Its good coverage and low tendency to splash mean that it can be applied with manual or mechanical tools which guarantee a finish with excellent filling properties, visual consistency and an even opaque finish even on large surfaces against the light.

It provides a low dust retention film that is friction-resistant.

Resistant to washing with disinfectants, the product meets the requirements of Class A+ according to the relevant Test Report.

COMPOSITION

Product based on aerial lime and selected aggregates.

PROPERTIES OF DRIED FILM

	Class	Method	Value
	EN13300		
Opacity level (Contrast ratio)	4 (10m ² /l)	ISO 6504-3	< 95
Gloss level	Matt	EN ISO 2813	Gloss < 10
Dirt retention	low	UNI 10792	ΔL > 3 e ≤ 9
Solid by weight		Internal PF25	34-38 %
Drying time		Internal PF2	Recoatable 4h Fully 5 days (25 °C, 65%U.R.)

SPECIFICATION DATA

	Class	Method	Value
	EN13300		
Specific weight		12MS	1200-1300 g/l

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 colors can be expanded in the "Mineralcap" folder colors and the Tucano tag with the purple square. 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

New and old paintings of mineral nature, which have to be dry, compact, absorbent and cohesive. For spray applications, ensure that the substrate is dust-free and avoid excessive atomization of the product by regulating the pressure, nozzle and thinning so as to ensure that the paint sprayed sufficiently wets the surface.

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TOOLS

Brush, Spray.

THINNING

25-30% in weight with water for the first coat
15-20% in weight with water for the following coats

COVERAGE

7-9 m²/kg per layer, referring to smooth and absorbent surfaces. We recommend that you determine the effective coverage with a preliminary test. The degree of absorption of a tempera paint can be assessed in the following way: after applying the first painting layer check if several air bubbles are formed. In this case the absorption is excessive and it will be necessary to proceed as with plaster screeds or completely remove the previous painting by wetting abundantly with water and scraping with a spatula.

APPLY

+10°C +30°C, U.R. < 75%

COATING SYSTEMS

New and old plasters based on hydraulic binders. Old paintings and coatings of a mineral nature, dry, compact absorbent and cohesive. Conglomerates of various mineral nature as long as absorbent **DO NOT APPLY** on fresh substrate. For its predominantly mineral nature, it is advisable not to apply CALCE to old synthetic paints.

Make sure the substrate has a maturation time of at least 28 days. Check the surface retaining state that must be consistent.

Clean with hydropower pressure from any impurities such as dirt, mold, seaweed, moss, detachers. Treat with B1 if there is organic pollution from molds, algae, musk and refurbish or consolidate with specific products.

When the substrate is dry, apply two layers of Calce at a distance of 4h from each other.

On plaster and plasterboard leveling, apply a coat of Acrifix Special diluted from 50% to 100%.

On old synthetic paints and other highly absorbent or uneven surfaces for many grouting, precede a layer of Unifix.

Avoid applying the product under direct sunlight. Exposure to atmospheric agents, rain, high humidity and low ambient temperature of surfaces treated with lime based finishes can cause bleaching of finishing during the carbonation process. . This occurrence can be irreversible under particularly extreme conditions. After application, the outside surfaces must be protected from rain and moisture until completely drying the product that normally (at 20 ° C) takes place after about 3 days.

White.

The range of colours can be expanded in colour chart "Mineralcap" and the Tucano colour sampler marked with the purple square.

SPECIFICATION ITEM

Mineral paint for wall, made of common lime, with excellent breathability and an average consumption rate of 200 g/m² (420 g/m² for "Fresco" effect).

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.