

Data sheet

Finiture Colorate (Coloured finishes)

Breathable, water-repellent, bio-compatible, antique-effect, thick-coloured mineral finishes for interior and exterior use, available in coarse-, medium- and fine-grained varieties.

Transpiring coloured plaster finish, based on lime and pozzolana, for low thickness finishes, both interior and exterior, of dehumidifying, macroporous and lime-based plasters.

Peculiar is the transformation of the product, shaded and iridescent, under the action of atmospheric agents and time, due to the use of precious materials of exclusive stone and natural origin.

Ready to use, obtained with inorganic pigments, in colour hues that draw inspiration from architectural or stone motifs, but above all from multi-sensory suggestions and references that we hope to share in the common poetics of building.



FIELDS OF APPLICATION:

Decoration and protection of exterior surfaces both new and of special historical interest.

Suitable for finishing dehumidifying or highly breathable cycles.

Finiture Colorate are formulated from a mixture of selected marble powder aggregates of pure CaCO_3 , bound by hydraulic lime of a pozzolanic nature, obtained by the reaction between aerial lime and suitable quantities of pozzolans with a high hydraulic index; thus conferring resistance even at low thickness, high breathability, water repellency and low reactivity to water-soluble salts.

They possess physical-chemical and aesthetic characteristics very similar to historical mortars, are environmentally friendly and cement-free. The product is made from raw materials of natural origin and is therefore recommended in the restoration of historical walls, in green building and in general in quality construction, for interiors and exteriors.



TECHNICAL CHARACTERISTICS

Type of mortar	Coloured finishing plaster for internal/external applications
Appearance	Powder
Colour	See colour catalogue
Grain size	Fine (0.8 mm); Medium (1 mm); Coarse (2 mm)
Nature of the binder	Aerial lime and pozzolana
Compressive strength	CS I
Reaction to fire	Class A1
Water absorption EN 1015-18	W1
Mixing water	32%
Consumption per mm of thickness	1.4 kg/m ²
Coefficient of resistance to water vapour UNI EN 1015-19	$\mu = 5 - 10$
Adhesion to substrate UNI EN 1015-12	$\geq 0.3 \text{ N/mm}^2$
Max. application thickness per coat	2 mm



BACKGROUND PREPARATION:

The substrate must be clean, compact and rough: remove loose parts; remove dust, salt efflorescence, traces of oil and release agents by pressure washing and, if necessary, brushing the surface.

The product should preferably be applied on previously wetted substrates (if already existing) or on weathered mortar and plaster, i.e. which have reached a sufficient degree of strength.

APPLICATION:

First pour the mixing water into the container and then gradually add the powder. Knead with a low-speed whisk mixer or continuous mixer for 5 minutes until a homogeneous consistency is reached. When mixing is complete, observe a waiting time of 3 minutes before application.

Depending on the surface finish of the substrate, apply one or two coats. The application must be completed within the same working day.

Apply a first layer on the substrate, properly treated, using a trowel or spatula. After at least one hour, or in any case when the product begins to set, any second coat can be applied until the desired thickness is achieved.

Proceed to the next stage of finishing with a trowel in a circular motion of the tool until a uniform surface free of joints and overlaps is obtained.

The fine grain can also be finished with a sponge trowel, depending on the desired aesthetic effect.

WARNINGS:

Due to the possible slight variations between different production batches, it is recommended to use material from the same batch for the entire job.

Apply the material only to seasoned and dry plaster.

Only apply at ambient and wall temperatures between

+5 °C and +35 °C in the absence of wind, to avoid disintegration phenomena due to frost, cracking or "burning" due to rapid water evaporation.

Avoid application on façades in full sun or in strong wind. Avoid application during the coldest and rainy periods of the year.

Avoid applying the material to a façade at different times.

Do not add water when the mixture has already reached the hardening stage.

Not suitable for heavy tiles or heavy coverings.

The product should be used as is without adding any foreign materials and/or substances, neither binders nor aggregates.

The external façades, during application and in the days immediately following, must be protected from rain and any other precipitation to enable optimal drying and avoid the occurrence of bleaching phenomena and/or staining due to incorrect carbonation of the lime.



ATTENTION::

- Given the natural composition of the coating, subtle nuances of colour are to be considered absolutely typical and characteristic, influenced in particular by the absorption of the substrates, atmospheric conditions as well as application and curing temperatures. It is therefore recommended to apply the product to the façade without interruption, as differences in shade may occur depending on temperature and weather conditions.
- Product supplements of the same colour may show slight differences in shade due to the nature of the lime.

SUPPLY - STORAGE:

25 kg damp-proof bag Stored dry in its original packaging, it retains its characteristics for up to 12 months.

The technical-practical information contained in the technical data sheet is the result of our most accurate and detailed scientific research and experience in the field. However, since we cannot directly influence the site conditions and the execution of the work, this information is to be considered non-binding and therefore not legally or otherwise mandatory for third parties. This information does not exempt the end user from their responsibility to test our products in order to ascertain their suitability for the intended use.

We therefore strongly advise the customer/applicator to carry out the appropriate preventive tests of Tradimalt products so that their suitability can be ascertained.

