



PALLADIO® CALCECOLOR COCCIOPESTO

Traditional plaster based on micronized calcium hydrated lime MICROCALCE CL90-S, natural hydraulic lime NHL 5 and cocchiopesto.



Product description

Dry premixed, cement free, based on micronized calcium hydrated lime MICROCALCE CL90-S of Fornaci Calce Grigolin, natural hydraulic lime NHL 5, selected cocchiopesto inerts with granulometry from 1 to 3 mm and calcium carbonate till 2,00 mm.

Fields of use

CALCECOLOR COCCIOPESTO is a mortar with very low content of soluble salts, which reduces considerably the formation of salt efflorescence of the masonry.

CALCECOLOR COCCIOPESTO can be applied on bricks, full brick, stone mixed walls, in interior and exterior, on condition that the wall is dry and suitable for the plaster and after all dust, salt efflorescence, oils, etc have been removed.

Supply and storage

CALCECOLOR COCCIOPESTO is supplied in bags on stretch pallets.

Store in cool, dry and non ventilated place. Keep packaging intact. It is advised to use the product within 12 months from packaging.

CALCECOLOR COCCIOPESTO

Support preparation and application method

CALCECOLOR COCCIOPESTO can be used for internal and external plastering on dry supports such as brick or stone.

Always perform the application of a layer of rough cast with CALCECOLOR COCCIOPESTO of minimum average thickness of 0,5 mm to complete coverage of the surface, mixed with a ratio of water ideal to have a dough which is soft but not too much diluted. The rough cast should be applied the day before plastering.

At the end of this application the surface must be suitably rough for the application of the next layer of plaster.

For smooth concrete structures, the day before plastering, apply a preliminary rough cast with RG 12 for a thickness average of 0,5 mm to complete coverage of the support, taking care to maintain a surface suitably rough for the next layer of plaster.

CALCECOLOR COCCIOPESTO shall not be applied on painted, inconsistent or brittle supports.

Surface irregularities of more than 2 cm have to be prepared at least 48 hours ahead with a filling of the same CALCECOLOR COCCIOPESTO, avoiding to use too much water in the mix that would diminish the mechanical resistances.

For application proceed as follows: after positioning eventual protection edges or bands, preferably with same product CALCECOLOR COCCIOPESTO, and after regulating the water in the mix to obtain a consistent and plastic mortar, apply the product at a distance of about 15-20 cm so to obtain a thickness of about 1-2 cm per layer, with a pause between coats of no more than 8-12 hours. After few minutes proceed to levelling with steel level tool.

At complete drying (about 8 hours) do the smoothing with wood or plastic float. It is then possible to finish with the products from the PALLADIO line, when the plaster has completely cured.

Warnings

Do not mix CALCECOLOR COCCIOPESTO with other substances.

Avoid high thermal excursions during curing ; product must be protected from frost and quick drying. It is advised to not use CALCECOLOR COCCIOPESTO with temperatures lower than +5°C and higher than +30°C. For application on plasters with high thickness or on thermal plasters verify the correct degree of curing.

For any clarification or doubt regarding the use of this product it is advised to contact our technical department.

We inform that the data reported in this technical datasheet can be integrated or modified at any time by Fornaci calce Grigolin Spa. However, since we have no part in the jobsites conditions and on the execution of the works, the datasheet represents a general indication that is not binding in anyway our company. It is therefore advised to make a previous application test to verify the suitability of the product to the intended use.

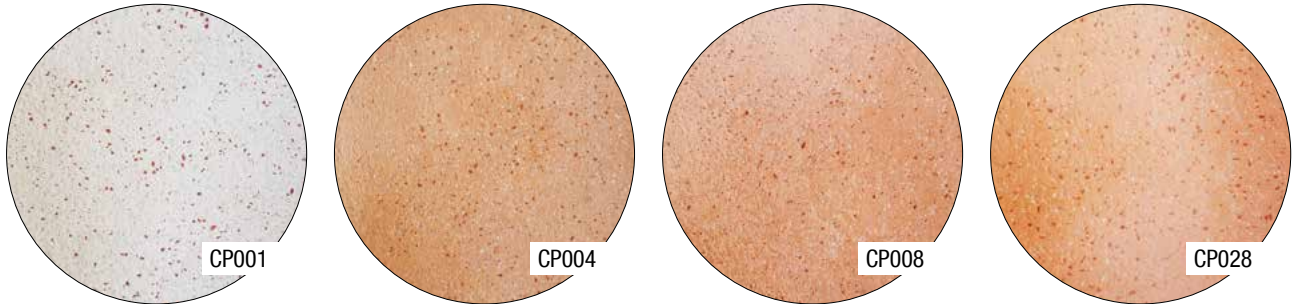
Keep in mind that the exposure to atmospheric agents, rain, high humidity, low environment temperature of the surfaces treated with this product can generate whitening of the finishing during carbonation process. This phenomenon can be irreversible in particularly extreme conditions.

After application of this product, the surfaces in exteriors must be protected by rain and humidity till complete curing of the product that normally (at 20°C) is reached after approx. 72 hours.

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Color chart

This color chart is indicative, the final shade is determined according to the type of product and support.



| TECHNICAL DATA | RESULTS |
|---|---|
| Specific weight | 1450 kg/m ³ deter.in free fall |
| Maximum diameter | 3 mm |
| Application thickness | min. 1,5 cm |
| Water in the mix | approx. 22% |
| Mechanical resistance to flexion at 28 days | 0,8 N/mm ² |
| Mechanical resistance to compression at 28 days | 2 N/mm ² |
| Theoretical consumption | 15 kg/m ² for 1 cm thickness |
| Permeability to water vapour μ | 7 |
| Reaction to fire | class A1 |
| Adhesion to brick | 0,6 N/mm ² |
| Fracture type | A |
| Water absorption | W0 |
| Thermal conductivity | 0,38 W/mK (tabulated value) |

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