



PALLADIO® CALCECOLOR ARENINO



Natural mineral intonachino tinted in mass based on mycronized calcium hydrate MICROCALCE CL90-S and natural hydraulic lime NHL 5.

Product description

PALLADIO CALCECOLOR ARENINO is a natural mineral product for finishing, tinted in mass, based on mycronized hydrated lime MICROCALCE CL 90-S of Fornaci Calce Grigolin, selected inerts with maximum granulometry 1,2 mm of calcium carbonate and siliceous sands, natural soils, with low content of hydrosoluble salts and high transpiracy.

Fields of use

PALLADIO CALCECOLOR ARENINO is a natural mineral intonachino tinted in mass, particularly suitable for restorations works or in combination with plasters of PALLADIO line. PALLADIO CALCECOLOR ARENINO can be applied also on existing surface, previously applying a cycle of regularization of the absorbing materials and an adhesion promoter, with products of the PALLADIO line.

Supply and storage

CALCECOLOR ARENINO 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. IMPORTANT: due to the presence of marble powders and coloured natural earths different chromatic variations may happen between various production lots. Even though the production phases are duly checked, it is advised to order a single production lot supply for the entire work to avoid colour differences.

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Support preparation and application method

The surface must be free from dust and dirt. Eventual oil, fat, wax, etc must be previously removed, as well all removable materials.

Prepare the mix adding for each bag of 25 kg of CALCECOLOR ARENINO about 6,5 lt (26%) of clean water and mix by hand or with mechanical mixer till you obtain an homogeneous mixture without clumps.

The obtained mixture is workable for 6 hours. After 10 minutes pause, mix again and apply with the metallic spatula with thickness 2-3 mm per layer.

Eventual second layer, applied after the first one has completely hardened, 24 hours later, must be executed in plastic phase, using the sponge float, until a fine finish is obtained.

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Specifications

CALCECOLOR ARENINO Natural mineral product for finishing, tinted in mass, based on micro-nized hydrated lime MICROCALCE CL 90-S of Fornaci Calce Grigolin, selected inerts with maximum granulometry 1,2 mm of calcium carbonate and siliceous sands, natural soils, with low content of hydrosoluble salts and high transpiracy.

Warnings

Do not mix PALLADIO CALCECOLOR ARENINO with other substances.

Avoid high thermal excursions during curing ; product must be protected from frost and quick drying. It is advised to not use PALLADIO CALCECOLOR ARENINO 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 company's 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.

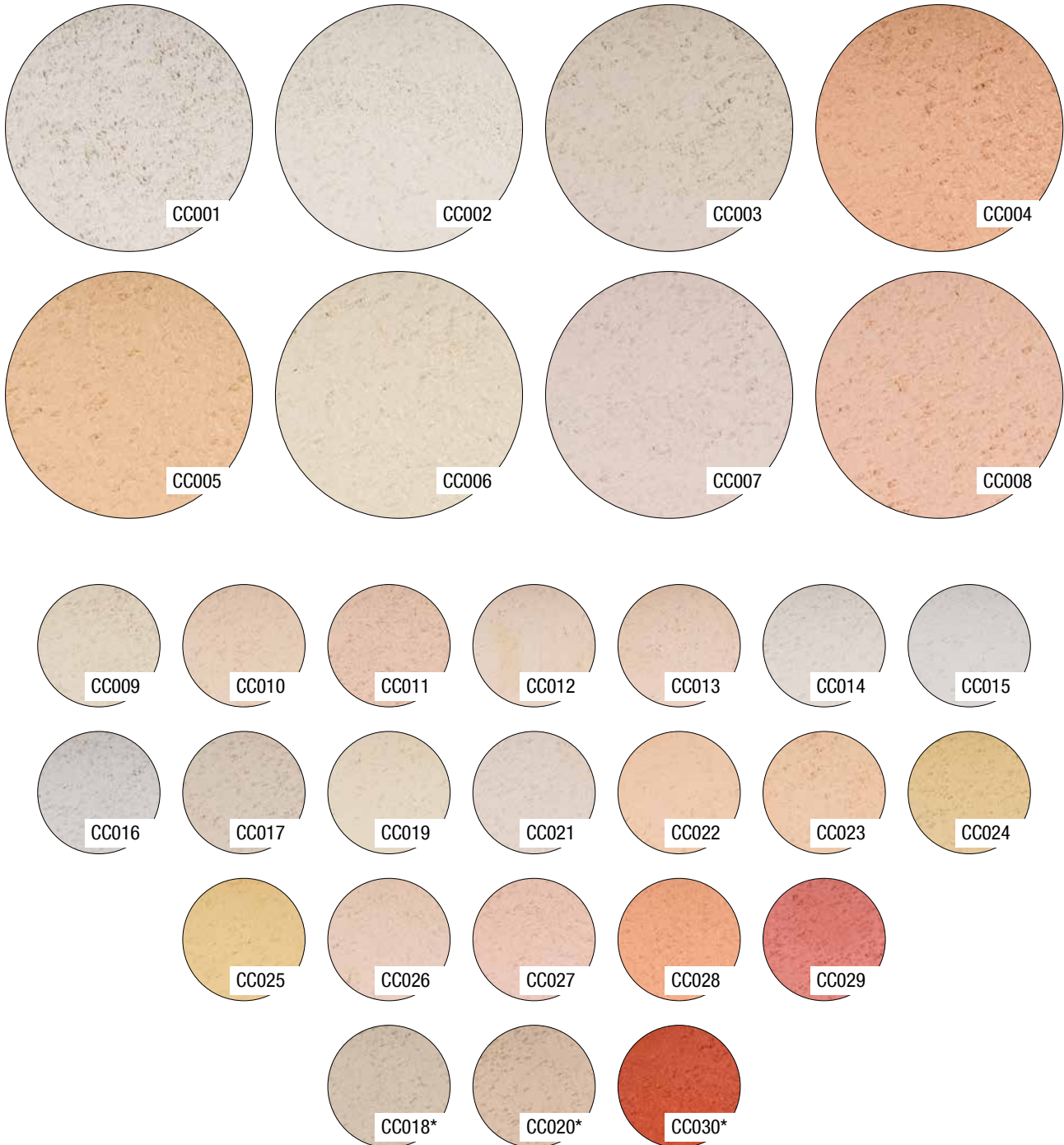
Keep in mind that the exposure to atmospheric agents, rain, high humidity, low environment temperature of the surfaces treated with this product can generate whitening of the finishing during carbonation process. This phenomenon can be irreversible in particularly extreme conditions.

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 aprox. 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.



The reported data refers to Quality Control tests in standard environmental conditions. Practical applications in the construction sites may detect significantly changed data, depending on operating conditions, so the information on the Card is only indicative because the user must always check its suitability for intended use of the product by taking responsibility for the use. Fornaci Calce Grigolin S.p.A. reserves the right to make technical changes of any kind without prior notice.

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TECHNICAL DATA	RESULTS
Classification according to EN 998-1	CR-CSII-W0
Specific weight	1350 kg/m ³ deter.in free fall
Maximum diameter	1,2 mm
Application thickness	approx. 2-3 mm per layer
Pot life	approx. > 6 hrs
Water in the mix	approx. 26%
Plastic withdrawal	Absent in standard thermohygrometric conditions
Mechanical resistance to compression at 28 days	approx. 2 N/mm ²
Theoretical consumption	3-4 kg/m ²
Permeability to water vapour μ	8
Reaction to fire	class A1
Adhesion to brick	0,2 N/mm ²
Fracture type	B
Water absorption	W0
Thermal conductivity	0,40 W/mK (tabulated value)

v. 02/2020

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