



ADX.0010

CALCESANA NOCCIOLA

Natural hydraulic lime 3,5

Customs Code

2522 3000

Packaging

- Bag 20 kg

Application

- To be added to other components

Family
Admix

Type
Hydraulic binders

Product Lines
• Opus
• Sanageb

Functional Categories
• Manufacturing plasters and mortars

Components
Single-component

Appearance
Powder

General description

Natural hydraulic lime, hazel-coloured, obtained through firing, in a vertical oven in refractory stone and bricks, at temperatures of 1100°C, of constant quality select marly limestones, specific for mortars, plasters and substrate screeds in ecological building works and in interventions of historical and monument restoration.

General features

CALCESANA NOCCIOLA is the result of a firing process which, due to the inherent properties of the furnace, and to stringent controls, takes place at temperatures of 1100°C. CALCESANA NOCCIOLA is reduced to a very fine powder with traditional grinding processes unchanged over time. CALCESANA NOCCIOLA confers remarkable breathability properties to mortars and plasters, as well as outstanding characteristics of resistance to chloride penetration and corrosion from sulphate waters, even with high values of free carbon dioxide. CALCESANA NOCCIOLA is characterised by low soluble salt content, by the total absence of cement and chemical additives, and by its high inhibiting power against bacteria and biodeteriogenic settlements (moulds etc.).

Dosage


From 250 to 450 kg of CALCESANA NOCCIOLA for each cubic meter of dough to be made.


Fields of application


CALCESANA NOCCIOLA is used in the preparation of mortars for masonry and internal and external plasters on site.


Basic features

 Density:
2.6 g/cm³

 Pot-life:
5 h

 Shelf-life:
12 months

 Temperature of use:
+5 / +35 °C

 Available colours
Hazel

Technical specifications

Apparent density: 0.65 / 0.75 g/cm³

Compressive strength after 28 days: > 3.5 N/mm²

pH soluzione al 10%: 11.7 _

Tools cleansing

Water



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Instructions for use

Extend mixing times for at least 5'. Apply on supports saturated with water, with dry surface. Do not add chemical additives without consulting our Technical Service first. Cure the convenient and prolonged moist hardening of fresh mortars and plasters. Protect the fresh mortars and plasters from direct exposure to the sun and ventilation.

Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity. Store the product at a temperature between +5°C and +35°C.



Example of mixture type

- 3 parts by weight, si sand 0 - 3 mm clean and particle size well distributed.
- 1 part by weight of CALCESANA NOCCIOLA.
- Mixing water 12-15 %

Warnings, Precautions and Ecology

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge.

Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.

Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: www.azichem.com. The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: www.azichem.com.

It is forbidden to dispose of the product and/or packaging in the environment.



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CALCESANA NOCCIOLA is produced/distributed by



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