

# Calcesana Nocciola

## Natural hydraulic lime 3,5



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.

**CUSTOMS CODE:** 2522 3000

**COMPONENTS:** Single-component

**APPEARANCE:** Powder

**AVAILABLE COLORS:** Hazel

**PACKAGING AND DIMENSIONS:** Bag 20 kg

## FEATURES AND BENEFITS

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.).

## FIELDS OF APPLICATION

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

## MODE OF 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.

## APPLICATION METHODS



To be added to other components



## TOOL CLEANING

Water



## KEY FEATURES

 Density: 2.6 g/cm<sup>3</sup>  
 Shelf-life: 12 months

 Pot-life: 5 h  
 Temperature of use: +5 / +35 °C

## TECHNICAL SPECIFICATIONS

*soluzione al 10%*  
pH **11.7**

Compressive strength after 28 days > **3.5 N/mm<sup>2</sup>**

Apparent density **0.65 / 0.75 g/cm<sup>3</sup>**

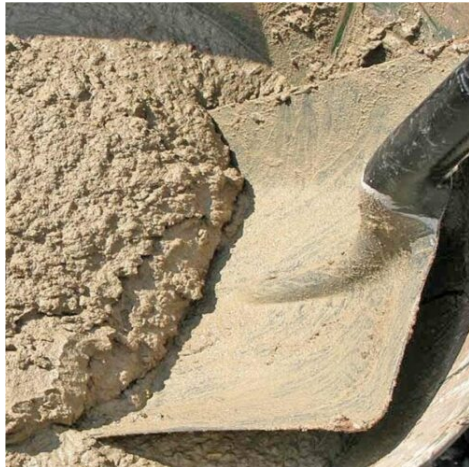
## CONSUMPTION

From 250 to 450 kg of Calcesana Nocciola for each cubic meter of dough to be made.

## STORAGE AND CONSERVATION

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.

## PHOTO GALLERY



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## ADDITIONAL CONTENT



## 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 AND PRECAUTIONS

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.

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