



Dora

Mineral finishing plaster, granulometry < 1,0mm

Hydraulic lime (NHL 3,5) based mineral coating, EN 459-1 certified, natural pozzolana, low content soluble salts natural inerts and coloring oxides, highly stable to UV. The product features high vapor permeability and a brushed/dabbed looking finish.

Use

Can be applied to:

- Plasters based on hydraulic lime, lime, lime/cement
- Pre-existent plasters for recover operations
- Breathable plasters from the Renovo line in restoration operations

It allows to replicate from a physical, chemical and mineral composition point of view the properties of the original mortars found in buildings of historical and artistic interest.

Application Cycle

Support preparation

Substrates must be completely cured. Remove dust, dirt and oil traces from surfaces. To level and even the support absorption, it is recommended to apply a mineral skim-coat from Renovo line (see Simeto) and let dry. On brittle supports, it is recommended to treat in advance the surface with a consolidant (see Tirso).

Wet the support before application and wait the superficial water to evaporate.

Mixture preparation

Pour in a container the right amount of water to mix a Dora 2.0 bag, add gradually the powder and mix with a low rounds stirrer until obtaining an homogeneous slaked, free from clumps. Let rest the mixture for 5 minutes and mix again shortly before usage.

Mixture must be prepared using a low-round stirrer, using the same amount of water and mixing for the same time.

Application

Apply the first coat with a steel spatula and, once dry, repeat the application, making sure the coatings do not exceed 3mm thickness. The product can be applied more than 2 layers. Once the last coat is dry, press the surface with a steel spatula to smooth it. Alternatively, a cloudy finish can be achieved, spraying the surface with water and using a sponge spatula.

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Recommendations

Prepare the mixture with clean, not brackish water. During summer or in hot days it is recommended to wet the surface before application. Do not work with the product in windy days or in risk of rain, don't apply on hot surfaces, under direct sunlight, use proper protection devices (Windbreakers/Sunshields). Don't apply with a temperature below +10°C or above +35°C.

To obtain a good looking finish it is recommended, once the surface dried out, to apply a breathable siloxanic protector (Metauro or Secchia), in order to maintain the structure of the tint and protect the product during the curing phase.

To limit tonal variations, it is recommended to use pastel shades, fetch in one batch, apply on cured, not dry plasters. In case of high absorbing substrates or high temperatures, wet the support the evening before application. Rain or high humidity during curing phase leads to stains, more prominent in strong tonalities. Avoid application on the same façade in different times or weather conditions, as doing so may lead to slight color variations.

Technical data

Application: steel trowel - sponge trowel

Packaging: kg 20

Colour: white - pastel color

Mixing water: approx. 6-7 l for bag

Consumption: approx. 3-4 kg/sqm

Application temperature: from +10°C to +35°C

Maximum diameter of aggregate: < 1.0 mm - EN 1015-1

density of hardened mortar: 1.39 kg/dm³ - EN 1015-10

Adhesion-FP: > 0.25 N/mm² - A - EN 1015-12

Water absorption: class W 0 - EN 1015-18

Coefficient of permeability to water vapour μ : < 15 - EN 1015-19

Thermal conductivity: 0,48 W/m K - tabulated value according to EN 1745

Compressive strength: class CSII - EN 1015-11

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Reaction to fire: Euroclass A1 -a EN 13501-1

Durability: NPD

Tools cleaning: water soon after use

Pallet: 60 bags of kg 20

Data contained in technical data sheets refer to laboratory tests. Indications and methods may be subject to change over time, depending on any technological and productive improvements. Products application takes place out of our control, as we cannot directly intervene on the conditions of the construction sites and on the execution of the works. All indications are general and do not bind our company in any way and therefore the responsibility falls exclusively on customer. We recommend a preventive test of the product in order to verify the suitability in relation to its particular use. Technical service is available to provide additional information.