SPRING COLOR

FINITURE NATURALI DAL 1992

CALCINA LISCIA

MINERAL FINISH
BASED ON NATURAL HYDRAULIC LIME

DESCRIPTION

Light beige-hazelnut coloured pre-mixed mineral finish in powder form, suitable for natural hydraulic lime-based stabilisation with a smooth final appearance. Thanks to the careful selection of the aggregates and their grain size curve, excellent performance is achieved both in terms of workability and cohesion to the substrates, while maintaining almost unaltered resistance to the passage of steam.
It can be used both indoors and outdoors, and is particularly suitable for conservative restoration, for buildings of historical and artistic interest, for renovations, new constructions, and for natural and sustainable building.
Per uso **interno**.

FIELD OF APPLICATION

On absorbent, stable, non-chalking substrates, on aerated lime plasters, natural hydraulic lime plasters, pre-mixed natural hydraulic lime plasters, natural hydraulic lime-based renovation plasters, on damp masonry and old spongy mineral plasters.

COMPONENTS

Traditional pre-mixed mortar based on NHL natural hydraulic lime, siliceous and limestone aggregates selected and dosed in a suitable grain size curve.

PREPARATION OF SUPPORT AND APPLICATION

The substrates to be treated must be sound, consistent, homogeneous and clean. All inconsistent and unstable parts must be removed and restored. Irregularities in the substrate must be previously fixed. In the case of poorly absorbent substrates, more thorough cleaning by pressure washing or sandblasting is recommended in order to ensure the conditions for homogeneous and uniform anchoring. At high temperatures and highly absorbent substrates, even out by wetting with water, avoid working in direct sunlight.

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Mix a 15 kg sack of Calcina Liscia with 5-5.5 litres of clean water using an electric mixer, ensuring that no lumps form and that a homogeneous mix is obtained. Mix a second time after allowing 3 to 4 minutes. Use the mix within 2 hours, do not stretch or re-mix to extend the suggested time. Apply Calcina Liscia with metal trowel and trowel until the desired complanarity is achieved.

TECHNICAL PERFORMANCE DATA

Fresh mortar density	~ 1700 kg/m^3	EN 1015-6
Density mass of hardened mortar	~ 1200 kg/m^3	EN 1015-10
Adhesion	≥ 0,15 N/mm^2 (FP) B	EN 1015-12
Resistance to compression	≥ 1,0 N/mm^2 CS I	EN 1015-11
Resistance to flexion	≥ 0,5 N/mm2	EN 1015-11
Absorption of water by capillarity	≤ 0,40 kg/m^2 x $min^{0,5}$ W1	EN 1015-18
Water vapour permeability coefficient	≤ μ 10	EN 1015-19
Thermal conductivity	0,47 W/mK (average value from prospectus; P=50%)	EN 1745, A.12
Specific thermal capacity	1,0 kJ/kgK	EN 1745, A.12
Reaction to fire	Classe A1	EN 13501-1
Durability	Assessment based on provisions valid at the place of intended use of the mortar	EN 998-1
Dangerous substances	See SDS	EN 998-1

APPLICATION DATA

Mixing water	34-36%
Dough ratio	1 sack + 5-5,5 ℓ water
Minimum application temperature	+ 8°C
Maximum application temperature	+ 35°C

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Workability time	≤ 120’ minutes

GENERAL FEATURES

ASPECT: powder
COLOUR: Beige - light hazelnut
PACKAGING: 15 kg bags on a 945 kg disposable pallet (63 bags) protected by an elastic cap.
STORAGE: 12 months in original packaging, undamaged and protected from excessively cold temperatures, close to 0°, frost, temperatures over 30° and excessively humid environments
YIELD: 1.0-1.5 Kg per sqm
VOLUME MASS OF POWDER: ~ 990 kg/m3 EN 1015-10

MAXIMUM AGGREGATE DIAMETER: ≤ 0.2 mm

RECOMMENDATIONS

To avoid surface carbonation phenomena, apply at temperatures between +7°C and +30°C. In periods of strong evaporation, moisten the substrate before applying the cycle.
Do not apply on thawing, frozen, dusty, unstable and inconsistent substrates. Environmental conditions, failure to follow the indications and uneven conditions of the substrate may considerably affect the colour results, it is recommended to follow the indications in this technical data sheet. On large surfaces provide suitable interruptions near joints or downpipes, or create suitable technical cuts. Do not interrupt the application of the product and avoid joints on the same wall. Protect the applied product from frost, rain and rapid drying for the first 48 hours after application.
The natural colour of the product Calcina Liscia is susceptible to colour variations due to both the aggregates and the natural hydraulic lime binder.

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CONFORMITY

CE

EN 998-1

General purpose mortar (GP) for interior/exterior plastering

NOTES

The indications given in this technical data sheet are based on our personal practical experience, in any case they are to be considered indicative and have no claim to be exhaustive. Spring Color reserves the right to make technical changes without prior notice. This technical data sheet cancels and replaces any previous edition. Spring Color accepts no responsibility for the improper use of the products. This technical data sheet is an informative document and cannot be a cause for legal dispute.
However, since it cannot directly influence site conditions and the execution of works, it represents general indications that do not bind our company in any way. We therefore recommend that you carry out one or more tests to check the suitability of the product for the intended use.

WARNINGS

- It is recommended to store the product at temperatures between + 5 °C and + 30 °C, carefully avoiding exposure to direct heat, sunlight and outdoor conditions - Keep out of the reach of children.

- All components are suitable for waste disposal - Avoid disposing of residues in the sewage system.

- Do not ingest, protect from skin and eye contact.

- Ventilate rooms well during and after use.

- Protect parts not to be painted.

- Consult safety data sheets

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