SPRING COLOR

FINITURE NATURALI DAL 1992

INTONACO VENEZIANO ALLEGGERITO

ANTI-SALT LIGHTENED PLASTER

DESCRIPTION

Lightweight, fibre-reinforced, salt-resistant plaster, based on NHL hydraulic lime, designed for protection and breathable conservative restoration of masonry affected by rising damp with high salt concentration, both indoors and outdoors. A specific formulation with high permeability to the diffusion of water vapour, applicable both manually and by mechanical projection on brickwork, tuff rock, natural stone, subject to the phenomenon of capillary rising damp. Its application does not require preventive anti-saline treatments.

FIELD OF APPLICATION

Lightweight renovating plaster for old mixed masonry, brick, tuff or natural stone walls subject to the phenomenon of capillary rising damp.
Thanks to its plasticity, low physical shrinkage during application and excellent macroporosity, it gives the substrates indicated breathability and good compressive strength. It can be used both indoors and outdoors, and is suitable for conservative restoration, for buildings of historical and artistic interest, for housing, and for natural and sustainable building.

COMPONENTS

Pre-mixed mineral plaster based on natural hydraulic lime, selected and dosed siliceous and calcareous aggregates in a suitable grain size curve, light aggregates and mineral fibres.

PREPARATION OF SUPPORT AND APPLICATION

For the application of 'Intonaco Veneziano Alleggerito', walls subject to the phenomenon of capillary rising damp must be adequately prepared.
Remove the plaster from the masonry to be restored by at least 60 cm above the level of the so-called rising damp line. If the bedding mortar is inconsistent or deteriorated, remove the first centimetres of it.
The substrates to be treated must be sound, consistent, homogeneous and clean. All loose and unstable parts must be removed and restored.

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More thorough cleaning by pressure washing or sandblasting is recommended in the case of particularly problematic substrates to ensure a surface in ideal condition and regularly absorbent.
For manual applications, mix a 20 kg sack of Intonaco Veneziano Alleggerito with 5.5 - 6.5 litres of clean water in a cement mixer for 2 to 3 minutes, ensuring that no lumps form and that a homogeneous mixture is obtained. Apply the product with a trowel like a traditional plaster. The product mixed in this way can be used within 60 minutes after mixing.
With an electric mixer, the product must be mixed at low speed.
Intonaco Veneziano Alleggerito cannot be applied at a thickness of less than 20 mm, level afterwards and finish with an aluminium straight edge.
It is advisable to make a technical cut in order to avoid possible water absorption, so as to detach the body of plaster from horizontal surfaces subject to even temporary water deposits, such as paving, roads, pavements, etc.... Wait at least 5-7 days before applying the stabilising coat where, to obtain a fine civil appearance apply the product Calcina Civile and to obtain a smooth appearance apply the product Calcina Liscia. **TECHNICAL DATA**

	kg/m3	
Fresh mortar density	~ 1270	EN 1015-6
Density of hardened mortar	~ 1130 kg/m3	EN 1015-10
Adhesion	≥ 0,2 N/mm2 (FP) B	EN 1015-12
Mortar consistency	165 mm	EN 1015-3
Resistance to compression	≥ 1,5 N/mm2 CS II	EN 1015-11
Resistance to flexion	≥ 0,5 N/mm2	EN 1015-11
Absorption of water by capillarity	≥ 0,3 kg/m2 dopo 24 ore	EN 1015-18
Water penetration	≤ 5,0 mm	EN 1015-18
Water vapour permeability coefficient	≤ μ 15	EN 1015-19
Thermal conductivity	0,33 W/mK (average value from prospectus; P=50%)	EN 1745, A.12

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Specific thermal capacity	1,0 kJ/kgK	EN 1745,

APPLICATION DATA

Mixing water	28-32%

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Dough ratio	1 sack + 5,5-6,5 ℓ water
Minimum application temperature	+ 8°C
Maximum application temperature	+ 35°C

GENERAL FEATURES

ASPECT: powder
COLOUR: Beige - light hazelnut
PACKAGING: 20 kg sacks on a 1260 kg disposable pallet (63 sacks) 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: 11.0 Kg/m² per cm of thickness
WORKABILITY: > 60 min
VOLUME MASS OF POWDER: ~1100 kg/m3 EN 1015-10
MAXIMUM AGGREGATE DIAMETER: ≤ 1.5

RECOMMENDATIONS

To avoid surface carbonation phenomena, apply at temperatures between +7°C and +30°C. During 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 T6 is susceptible to colour variations due to both the aggregates and the natural hydraulic lime binder.

CONFORMITY

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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