NOVANTICA LISCIO

DATA SHEET

Smooth finish coat plaster, cement-free, made from lime and pozzolanic binders



Interior/Exterior

Sack

By hand

Metal trowel

Composition

NOVANTICA LISCIO is a premixed mortar in powder form made from lime, pozzolanic binders and very fine natural aggregate.

Supply

- Special sacks with protection against moisture, approx. 20 kg

Use

NOVANTICA LISCIO is used for smooth finishing of interior and exterior plastered surfaces. It can also be used to complete dehumidifying plastering cycles, exploiting the principle of macroporosity.
It is particularly suitable for air lime and pozzolanic plasters and renders (NOVANTICA line) and in all cases where high breathability of the finishes is required, such as air lime (PURACALCE line) and natural hydraulic lime plasters and renders (EX NOVO line).
Its composition makes it ideal for the restoration of buildings of historical and artistic importance, protected by architectural and landscape heritage protection agencies.

Substrate preparation

The surface must be free of dust, dirt, loose and crumbing parts, etc. Any traces of oils, greases, waxes, etc. must be removed beforehand. The underlying plaster must be completely cured.
Crumbly or highly absorbent substrates should be treated with a primer such as MIKROS 001, diluted as specified on the corresponding datasheet.

Mixing

Add the product to the corresponding amount of clean water (as specified in the Technical Data) and mix using a mechanical stirrer until obtaining a uniform and smooth mixture.
The product is applied using a flat metal spatula with vertical and horizontal movements. Apply the product in three coats, to a maximum thickness of 2 mm. Apply a more abundant first coat of NOVANTICA LISCIO on the substrate, exerting light pressure to aid adhesion and expel any air trapped in the pores of the substrate. Apply the second coat of product once the first coat has set (12-24 hours, depending on the temperature-humidity conditions), which should however not yet be completely dry and must be free of surface stains that indicate uneven drying. Apply a further thin layer of product with the same smooth metal trowel a few minutes after applying the second coat.

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Warnings

- Product recommended for expert users.
- The fresh smoothing coat must be protected against frost and quick drying. A temperature of +5°C is suggested as a minimum value for application and proper hardening of the product. Below this value, setting would be delayed excessively and below 0°C the fresh or partially hardened smoothing coat could be broken up by frost.
- As NOVANTICA LISCIO is a smooth coating to be applied in thin layers, incorrect dosage of the mixing water will affect the workability of the product and cause a significant decline in adhesion and the consistency of the hardened material.
- The product requires continuous and gentle compaction in order to obtain a uniform surface in terms of porosity and improve the colour uniformity of subsequent finishes.
- Rooms must be adequately ventilated after application until the mortar is completely dry, avoiding excessive changes in temperature in the rooms.
- Do not apply on painted surfaces or non-absorbent substrates.
- It is not recommended to use NOVANTICA LISCIO on walls with significant rising damp and high concentrations of soluble salts (in these cases use breathable finish coat plasters and renders with float effect such as NOVANTICA FINE, S 605 or FINITURA 750).
- Protect the product with a suitable protective and decorative finish, to be applied once the product has fully cured. In dehumidifying cycles, always use highly-breathable paints.
- Direct application is possible on base coat plaster that has been carefully and uniformly applied, so as to allow application of the smooth coat to the maximum thickness envisaged.
- Direct application on base coat plaster is not recommended in the event of non-uniform underlying masonry textures. In order to resist any stress originating from the substrate and limit effects on the façade such as cracks, it is recommended to apply NOVANTICA LISCIO on a reinforced skim coat cycle comprising lime finish coat plaster (NOVANTICA FINE, S 605 or FINITURA 750) embedded with FASSANET 160 alkali resistant fibreglass mesh.
- In general, sanding the surface is not recommended. It is permitted only to remove small, localized imperfections.
- Before applying a paint cycle, prime the surface with a suitable primer.

NOVANTICA LISCIO must be used as supplied, without the addition of any extraneous materials.

Storage

Store in a dry place for a period not exceeding 12 months. Once the stated shelf life has expired, it must be disposed of in accordance with current legislation.

Quality

NOVANTICA LISCIO is subjected to accurate and continuous checks in our laboratories. The raw materials used are rigorously selected and controlled.

Technical Data

Maximum aggregate size	150 µm
Mixing water	39-41%
Yield	0.7-0.9 kg/m² per mm in thickness, depending on the substrate
Specific weight of the fresh plaster (EN 1015-6)	approx. 1,600 kg/m³
Fresh plaster workability time (EN 1015-9)	> 3 hours
Recycled/recovered/by-product content	* CERTIFICATION OF RECYCLED/RECOVERED/BY-PRODUCT MATERIAL CONTENT
	CP DOC 262 REGULATION
	CERTIFICATE No. P684

PERFORMANCE REQUIRED BY STANDARD EN 998-1		
	Test method	Product performance
Compressive strength	EN 1015-11	4 N/mm² (category CSII)
Adhesion to the substrate	EN 1015-12	≥ 0.4 N/mm² (FP =B)
Capillary water absorption	EN 1015-18	category W2
Water vapour permeability coefficient	EN 1015-19	µ ≤ 8
Thermal conductivity	EN 1745	0.34 W/(m K)

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The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must verify that the product is suitable for the intended application, taking all responsibility for its use. Fassa reserves the right to make technical modifications without notice.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". If necessary, contact Technical Service in your country of reference (IT: area.tecnica@fassabortolo.com, ES: asistencia.tecnica@fassabortolo.com, PT: assistencia.tecnica@fassabortolo.com, FR: bureau.technique@fassabortolo.fr, UK: technical.assistance@fassabortolo.com).

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.

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