NOVANTICA FINE

DATA SHEET

Fine plaster/render, cement-free, made from air lime and pozzolanic binders, for interiors and exteriors



Interior/Exterior

Sack

Metal trowel

By hand

Sponge float

Composition

NOVANTICA FINE is a dry mortar made from special air lime, pozzolanic binders and graded limestone aggregate from the best quality carbonate rocks. The lime used to make this product is classified as compliant with standard EN 459 and is extremely pure with non-measurable levels of heavy metals. The extreme fineness of the lime used gives the mixture unique workability, while its high specific surface area guarantees a more effective pozzolanic reaction over time. The intrinsic properties of the lime, the high purity of the raw materials used and the special formulation ensure excellent breathability without0 the addition of soluble salts, which may contribute to the chemical-physical degradation of the mortar.

Supply

- Special sacks with moisture protection, approx. 25 kg

Use

NOVANTICA FINE is used as a breathable finish coat plaster/render with marmorino effect for interiors and exteriors. It can be used as a finish coat plaster/render to complete renovation cycles for masonry subject to rising damp created with macroporous plasters, such as in the PURACALCE and EX NOVO cycles for damp masonry.

Substrate preparation

The surface must be free from dust, dirt, saline deposits etc.. Any traces of oils, greases, waxes, etc. must be removed beforehand.
Crumbly or highly absorbent substrates should be treated with a primer such as MIKROS 001, diluted as specified on the corresponding datasheet. This treatment should always be performed also when the surface to be coated has significant differences in absorption (guide strips, trim around doors and windows, etc.) or when you want to extend the working time.
Only apply NOVANTICA FINE on a fine float-finished base coat plaster/render.

Mixing

Add the product to the corresponding amount of clean water (as specified in the Technical Data) and mix in a standard cement mixer or, for small quantities, by hand or using a mechanical stirrer. Maximum mixing time 2 minutes; let the mixture stand for 10 minutes before application. The mixed material must be used within 2 hours.
Apply using a steel trowel, making sure to distribute a uniform layer of material; finish with a sponge float, with circular movements.
For best aesthetic results on irregular base coat plasters/renders, apply two layers of material.
If necessary (for example, on irregular substrates), it is recommended to embed an alkali-resistant glass-fibre mesh, such as FASSANET 160. Apply a second layer of NOVANTICA FINE once the first has set, and then float finish the skim coat using a sponge float.

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Warnings

- Product recommended for expert users.
- Always read the safety datasheet before use.
- The fresh product must be protected against frost and rapid drying. As the hardening of the plaster depends on the lime setting, a temperature of +5°C is suggested as a minimum value for application and for obtaining proper hardening of the mortar. Below this value setting would be delayed considerably, and below 0°C the fresh or partially hardened mortar may be broken up by frost.
- Rooms must be adequately ventilated after application until the mortar is completely dry, avoiding excessive changes in temperature in the rooms.
- During the summer, on surfaces exposed to the sun, the finishing plaster should be wetted after application.
- Protect the product with a suitable protective and decorative finishing coat, to be applied once the product has fully cured.
- To ensure maximum breathability of the finishing render, highly breathable products must be used for painting and coating.

NOVANTICA FINE 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 FINE is subjected to accurate and continuous checks in our laboratories. The raw materials used are rigorously selected and checked in accordance with reference standards.

Technical Data

Specific gravity of the powder	approx. 1,000 kg/m³
Aggregate size	<0.6mm
Clean mixing water	31-33%
Yield	approx. 1 kg/m² per mm in thickness
Density of hardened mortar (EN 1015-10)	approx. 1,400 kg/m³
Compressive strength after 28 days (EN 1015-11)	>2.5 N/mm²
Water vapour diffusion resistance factor (EN 1015-19)	μ ≤ 9 (measured value)
Capillary water absorption (EN 1015-18)	W0
Thermal conductivity coefficient (EN 1745)	λ = 0.44 W/m·K (tabulated value)
Reaction to fire (EN 13501-1)	EUROCLASS A1
Compliant with standard EN 998-1	GP-CSII-W0
Recycled/recovered/by-product content	* CERTIFICATION OF RECYCLED/RECOVERED/BY-PRODUCT MATERIAL CONTENT
	CP DOC 262 REGULATION
	CERTIFICATE No. P683
The performance values listed above are obtained by mixing the product with 32% water in a controlled temperature and humidity environment (20±1°C and 60±5% RH)	

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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