

GOAT BIO All Terrain 5-25mm

Sprayable lime mortar

Natural hydraulic lime (NHL), hydrated lime with high calcium content (CL-90-S), silica sands, crystallized calcite, biodegradable additives and mineral pigments.



Product

- Ecological and 100% natural.
- Single-layer mortar.
- Fungicidal and bactericidal properties.
- Up to 25 mm thick without sagging. High permeability to water vapour.

Observations

- Do not add any additives to the mortar.
- On absorbent or porous surfaces and in times of strong heat, moisten before applying the product.
- Treat the singular areas (fissures...) with fiberglass mesh.
- The drying time will vary depending on the temperature and humidity.

Features

- Maximum layer thickness: 20 mm
- Minimum finish thickness: 10 mm

Benefits

- Powder density: 1313 ± 50 kg/m³
- Kneading water (in laboratory): 19%
- Mass density: 1674 ± 50 kg/m³
- Hardened product density: 1453 ± kg/m³
- Thermal conductivity (EN 1745): $\lambda=0.40$ W/m • K
- Fire reaction: Euroclass A1
- Classification: OC-CSII-W2
- According to regulations: **UNE-EN 9982 - UNE-EN 9881**

** These results have been obtained under standard conditions and may vary depending on the conditions of installation*

Aplicaciones

- High quality sprayable lime mortar, for plaster and plaster as a façade finish.
- Suitable for new construction, rehabilitation in which mortars with traditional characteristics and protection against rainwater are required.
- This mortar has qualities that cannot be obtained with cements or artificial limes.
- Indoors and outdoors.

Soportes

- On brick enclosure, rough rendering, unwaterproofed concrete block, on plasterboard, fibre cement, OSB 3 type wood prepared for painting, (previously apply Revex Cal primer), as a finish for SATE systems. Consult primers according to support.

Recomendaciones

- Application temperatures 5°C to 35°C.
- Always respect the same percentage of water during mixing.
- Do not add water to the product once kneading.
- Respect the expansion joints of the existing base, mortar, ceramic.
- Do not apply with the risk of rain, frost, sunstroke direct, strong wind.

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Execution conditions

- Clean the substrate by removing any remaining dust, liquids, chipping, etc. Any efflorescence residues and any other substance that may impair good adhesion to the substrate must also be removed.
- Saturate the substrate with low-pressure water, to prevent it from absorbing the water from the mixture.
- Insufficient saturation could lead to loss of adhesion and the appearance of cracks in the mortar.
- The carbonation of carbohydrates in contact with atmospheric carbon dioxide increases strength and durability.
- Its mechanical resistances will increase progressively for life.

How to use

Manual kneading:

Mix the contents of the bag (25 kg) with 5.5-6.0 litres of clean water with a mechanical mixer at low speeds, until a homogeneous mass is formed without lumps.

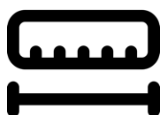
Machine-designed:

Knead between 22-24% clean water.

- Apply the mortar until the desired thickness is achieved, minimum 10 – 15mm. Rule and smooth to obtain good flatness.

- Once the necessary hardening has been achieved, make the desired finish, scraped, troweled, smooth.

**Times may vary considerably depending on the ambient temperature.*



Presentation

25 kg bag
1200 kg pallet (48 bags)

Color

White (others a la carte)

Consumption

1.2 – 1.5 kg/m² and mm thick

*These consumptions may vary depending on the support and number of passes.

Storage

Contains hydraulic lime (sets with moisture).

⚠ IMPORTANT

The observations and prescriptions of this technical sheet, even if they correspond to our best experience, must be considered, in any case, purely indicative, and must be tested by exhaustive practical applications; therefore, before using the product, whoever is going to do so must establish whether or not it is suitable for the intended use, and assumes any responsibility that may arise from its use. Once the product has been handled or applied, the manufacturer will not assume any claim, nor will he be responsible for the form, mode and conditions of application.