

Revex Cal Plastering

Mortar of projectable lime

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



Product

- Setting by chemical reaction of its components
- Fungicidal and bactericidal properties
- Reduced soluble salt content
- High permeability to water vapor

Observations

- Do not incorporate any additives into 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 existing temperature and humidity.

Characteristics

- Layer thickness: 10 - 15 mm
- Minimum finish thickness: 10 mm

Performances

- 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): $\lambda=0.40 \text{ W/m} \cdot \text{K}$
- Reaction to fire: Euroclass A1
- Rating: OC-CSII-W2

**These results have been obtained under standard conditions and may vary depending on the commissioning conditions.*

Applications

- Mixed mortar of high-quality projectable lime, for plastering and plastering as a finish of facades.
- Indicated 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 artificial cements or limes.
- Indoors and outdoors.

Supports

- On brick enclosure, rough plastering, concrete block without water-repellent...

Recommendations

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

Conditions of execution

- Clean the support removing traces of dust, liquids, remains of materials...
- Any residues of efflorescence and any other substance that may impair good adhesion to the support must also be eliminated.
- Saturate the support with water at low pressure, 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.
- Carbonation of hydrates in contact with atmospheric carbon dioxide increases strength and durability.
- Their mechanical resistance will increase progressively for life.

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Employment



Manual kneading:

Mix the contents of the bag (30 kg) with 5-7 liters of clean water with mechanical mixer at low revolutions, to form a homogeneous mass and without lumps.



Projected with machine:

Knead between 18-20% clean water.



Apply the mortar until the desired thickness is achieved, minimum 10 – 15 mm. Water and smooth to get a good flatness.



Once the necessary hardening has been achieved, make the desired finish, scraping, trowelled, smooth...

* The times they can vary considerably depending on the ambient temperature.



Packaging

25 kg bag
Pallet of 1200 kg (48 bags)

Color

White (others a la carte)

Consumption

1.2 – 1.5 kg/m² and mm thick

*These consumptions may vary according to the support and number of passes.

Conservation

In original container closed to the shelter of the weather and humidity: 1 year.



⚠ IMPORTANT

The observations and prescriptions of this technical sheet, even corresponding to our best experience, should 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 it 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 is handled or applied, the manufacturer will not assume any claim, nor will it be responsible for the form, mode and conditions of application.