

Revex-cal (laying and grouting)

Lime mortar for placement and rejoin

Natural hydraulic lime (NHL), hydrate lime with calcium high content, silica and limy sand with great pureness and grain size compensated.



Product

- Special for filling joints
- Waterproof and breathable
- Good workability
- For new construction and rehabilitation
- Suitable for projecting

Observations

- Do not add any additive to the mortar.
- On absorbent or porous surfaces and in a strong heat season moisten before applying the product.
- Eliminate revoke wastes or old paintings, salts, molds...
- It is advisable the mechanical kneading, with low revolutions and always the same kneading time.
- The dry time will oscillate depending on the existing temperature and humidity.

Characteristics

- Repos time after kneading: 5min.
- Maximum thickness per layer: 15 mm.
- Minimum thickness after finishing: 10 mm.
- Scraping time: 4-15 hours.

**These times can vary considerably depending on the type of support and the environmental conditions..*

Performances

- Dust density: 1203 kg/m³
- Kneading water (in laboratory): 21%
- Density in mass: 1918 kg/m³
- Bending: ≥ 2.5 N/mm²
- Compression: ≥ 5 N/mm²
- Reaction against fire: Euroclass A1

**These results have been obtained in standard conditions and they can oscillate depending on the workplace conditions.*

Enforcements

- Lime mortar for placement and natural stone rejoin at new constructions or old rehabilitations in which it is needed a lime mortar 100% natural, without resins, cement or additives.
- It is suitable with the construction methods and old and present materials from a chemical, structural and mechanical point of view.
- Respectful with the environment and its wastes are totally recyclable and can be used again.
- Indoors and outdoors.

Supports

- Over brick enclosure, natural stone, new and old.

Recommendations

- Application temperatures 5°C to 35°C.
- Respect always the same water percentage during the mixture.
- Do not add water to the product after the kneading.
- Respect the existing base expansion joints, mortar, ceramic...
- Do not apply with rain risk, frost risk, with direct insolation, strong wind...

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Execution conditions

- Clean the support eliminating any dust remains, liquids, spellings, etc. In addition, eventual efflorescence wastes must be eliminated and any other substance that can damage a good adherence to the support.
- Saturate the support with water at low pressure, to impede that this support absorbs the mixture water.
- An insufficient saturation could imply adherence losses and the cracks appearance in the mortar.
- Hydrates carbonation in contact with the atmospheric carbonate dioxide increases the resistance and the durability.
Its mechanical resistance will be increasing progressively during the whole life.

Usage way

Manual kneading:

Mix the sack (25 kg.) with 5 - 5.5 liters of clean water until obtaining a homogeneous mass and without lumps.

Projected with machine:

Knead between 20 - 22% clean water.

- Apply the mortar until obtaining the desired thickness, mark and remove the remaining material.

- Once the necessary hardening has been achieved, proceed with the texture of the sore and cleaning.

- Placement of the brick in a traditional way.

**The times can considerably oscillate depending on the ambient temperature.*



Packaging

25 kg sack
1200 kg pallet (42 sacks)

Color

White and gray (others on request)

Consumption

±1.6 kg/m² and mm thickness

**These consumptions can oscillate depending on the support and the coats number.*

Preservation

It contents hydraulic lime (setting with humidity).

⚠ 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 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.