

Revex-cal Projectable Base

Lime mortar for sanitation

Pure natural hydraulic lime (NHL), components selected organic and inorganic.



Product

- Ecologic and natural 100%.
- Setting by carbonation.
- Properties fungicides and bactericidal.
- Reduced content in soluble salts.
- Elevated permeability to water steam.

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.
- Treat the singular zones (fissures...) with glass fiber mesh.
- The dry time will oscillate depending on the existing temperature and humidity.

Characteristics

- Minimum thickness per layer: 15 mm
- Minimum finished thickness: 10 mm

Performances

- Dust density: 1550 ± 25 kg/m³
- Kneading water (in laboratory): 17 %
- Density in paste: 1825 ± 25 kg/m³
- Natural radioactive: I=0,0214mSv/a Massive use <0,5
- Reaction against fire: Euroclass A1

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

Enforcements

- Sanitation mortar and coating based on pure natural hydraulic lime and selected arid.
- Indicated for new construction, rehabilitation and old restorations in which mortars 100% lime or similar to the original.
- Indoors and outdoors.

Supports

- Sanitation, ashlar grouts, natural stone, brick enclosure, concrete block without water repellent, concrete...

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 frost risk, with direct insolation, strong wind or with rain.

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Execution conditions

- Clean the support eliminating any dust remains, liquids, spillings, etc. In addition, eventual efflorescence wastes have to 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.
- It is advisable to apply a first layer of semifluid consistency.
- Avoid the mortar application with low temperatures, rain risk or frost-thaw possibility.
- Avoid application with direct insolation.

Usage way

Manual kneading:

Mix sack (30 kg.) with 5 – 5,5 clear water liters until obtaining a homogenous mass.

Projected with machine:

Water percentage: 17 - 18%.

Apply a first coat with a semifluid consistency, applying in successive coats with 10 mm thickness until obtaining the desired final thickness. Each coat will be applied before that the previous one is applied.

Once the necessary hardening is reached, trowel until obtaining a rustic finish, with a wood or plastic trowel.

Moisten the applied mortar with pulverized water during the first 24 hours to execution.

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



⚠ 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.



Packaging

30 kg sack
1260 kg pallet (42 sacks)

Color

White
(Others à la carte)

Consumption

1.5-2.0 kg/m² and mm thickness.

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

Preservation

It contents hydraulic lime (setting with humidity).

References

On 100% lime mortars. It can be finished with **Revex-Cal fine, Revex-Cal R-300 and lime paintings.**