

Revex-cal Base

Lime mortar for wall sanitation

Pure natural hydraulic lime, components selected organic and inorganic.



Product

- 100% ecological and natural.
- Setting by carbonation.
- Fungicidal and bactericidal properties.
- Low soluble salt content.
- High water vapour permeability.

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 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

- Refurbishment, ashlar grouting, natural stone, brick enclosure, concrete block without waterproofing, 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 strong wind.

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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

Mix the contents of the bag (30kg) with 5 - 5.5 litres of clean water until a homogeneous, lump-free mass is formed.

Machine spraying: mix 17 - 18% of clean water.

Apply a first pass with a semi-fluid consistency, applying in successive coats until the desired final thickness is achieved. Each coat should be applied before the previous one has hardened.

Once the necessary hardening has been achieved, trowel to a rustic finish, using wooden or plastic trowels. Wet the applied mortar with water spray during the first 24 hours after application.

**The times may vary considerably 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 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 can oscillate depending on the workplaces conditions.

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.