

REVAT® CAL TRADICIONAL

LIME BASED MORTAR FOR TRADITIONAL FINISH



DESCRIPTION

REVAT® CAL TRADICIONAL is a mortar based on aerial lime, selected aggregates, special fibers and different additives that provide a protective and decorative building finish. Indicated for restoration and rehabilitation works where mortars with traditional characteristics are required.

TECHNICAL DATA

| According to EN 998 -1 | GP - CSI -W2 |
|--------------------------------------|---------------------------------|
| Powder product | |
| Bulk density | 1,30 ± 0,10 g/cm³ |
| Particles greater than 2 mm | ≤ 1% |
| Reaction to fire | Class A1 |
| Paste product | |
| Mixing water | 23 ± 1% |
| Bulk density | 1,70 ± 0,15 g/cm³ |
| Application temperature | +5°C to +35°C |
| Pot life | 30 minutes |
| Hardened product | |
| Compressive strength | 0,4-2,5 N/mm² |
| Capillarity water absorption | ≤ 0,2 Kg/m² ·min ^{1/2} |
| Adhesion | ≥ 0,10 N/mm² |
| Water vapor permeability coefficient | ≤ 15 |
| Thermal conductivity | 0,5 ± 0,1 W/m·K |
| Shrinkage | ≤ 1,0 mm/m |
| Dynamic elasticity module | 2000 ± 500 N/mm² |

APPLICATIONS

Decorative render for all kinds of façades and interiors, for restoring landmark or old buildings. For supports used for rehabilitating buildings. For rehabilitation or doubtful adhesion substrates consult our Technical Department.

PROPERTIES

Impermeable to rain water and permeable to water vapour.

Highly decorative finish.

Allows different types of typical traditional limestone stucco finishes, such as floated, smooth, scraped, burnished, pitted finishes, etc.

Allows oxide glazing and tints.

It contains an addition of hydraulic binder, less than 5% which gives mortar greater initial strength and better adhesion to substrate.

SUBSTRATE

REVAT® CAL BASE, PROPAM® REVOC traditional mortar renders and concrete.

When rehabilitating a surface, the substrate must be strong and free from dust and grease.

Remove any deteriorated parts, or parts that are in poor condition and level the surface with **REVAT® CAL FONDO**.

In hot weather, and when working with very absorbent substrates, it is advisable to wet them beforehand. Make sure that the base mortar contains a mesh where different substrates converge (columns and slabs).

On smooth or non absorbent concrete substrates it is advisable to first apply **PROPAM®FIX** as primer.

HOW TO USE

PREPARING THE MIXTURE

1. Mix **REVAT® CAL TRADICIONAL** with 23% clean water (5,7 liters for every 25 kg bag).
2. Mix manually or mechanically until obtaining an even, smooth paste free of lumps.
3. Leave the already kneaded product to stand for about 5 minutes.
4. Always use the same proportion of water.

APPLICATION

1. Spread the paste in a compact, uniform manner, without any irregularities, using a trowel.

The application thickness is between 5 and 10 mm depending on the finishing.

2. Apply the desired finish when the product has the necessary consistency, usually between 1 and 6 hours after application.

PRECAUTIONS

- Do not apply if there is a risk of rain or freezing temperatures.
- Do not apply to places without ventilation, so as to avoid condensation.
- Apply at a temperature of between +5°C and +35°C.
- Do not apply to surfaces angled at less than 10°.
- Do not apply to areas immersed in water.
- The mortar is not watertight, but it gives sufficient waterproofing against rain water.

PERFORMANCE

The approximate amount of **REVAT® CAL TRADICIONAL** used is 13 kg/m² per cm thickness. Deficiencies in substrate flatness and type of finishing may alter product performance.

PACKAGING

25 kg bags.

Colours: Blanco, Marfil, Piedra, Hueso, Beige, Alabastro, Teja.

STORAGE

In its original closed packaging and protected from damp conditions: 1 year.

SAFETY AND HYGIENE: All the information about conditions of use, storage, transport and removing chemical waste is available on the product Safety Sheet. The product and its packaging must be disposed of according to current legislation and it is the responsibility of the product end user.

LEGAL NOTICE: The data contained in this document is based on our experience and technical knowledge, gained during laboratory assays, and our bibliography. We will not be responsible for any product applications not indicated in this file. The dosing and usage amount data are only guidelines, based on our experience, and may alter due to atmospheric or on-site conditions. For correct dosing and usage amounts, it is necessary to conduct a trial or assay "in situ", for which the client is responsible. If you have any query or require addition information or clarification, please consult our technical department. The valid technical file will always be the latest version uploaded on www.propamsa.es. August 2020.