Revistamp Sec Base Cal®

Water-repellent lime-based mortar and hydraulic binder

Mortar based on hydrated lime lime, selected aggregates, additives that improve workability and hydraulic binder.



Product

- Water-repellent.
- In new construction and rehabilitation.
- Plastering and plastering.
- Masonry work. Can be
- designed with a machine.

Observations

- Do not add any additives to the mortar.
- Do not apply on surfaces where water may remain stagnant.
- Do not apply on walls where leakage, water passages by capillarity or the possibility of immersion of the coating in water can be expected.
- On old mortar, stone, brick supports, degraded facades, it is important to remove the existing mortar in its entirety, cleaning the support with pressurized water or sandblasting.
- Consumption may vary depending on the condition and flatness of the wall to be covered.
- Do not apply in strong wind.

Features

- Resting time after kneading: 5 min.
- Maximum tolerated thickness: 40 mm.
- Maximum thickness per layer: 15 mm.
- Minimum thickness: 12 mm.
- Open time: 1 - 2 hours.

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

Performance (12 mm thickness)

- Laboratory mixing water: 18%
- Fresh mortar density: 2037 kg/m3
- Mixing life: ≥30 minutes
- Compressive strength: ≥6 N/mm2
- Concrete support adhesion: 0.5 Mpa
- Ceramic support adhesion: 0.5 Mpa
- Capillary absorption: 0.2 kg/(min2·min0.5)
- Water vapor permeability: μ = 8.4
- Fire behavior: MO (non-combustible)

- **Standard product**: UNE-EN 998-1: GP CSIV W2

*** Tests according to European standards, these results may vary according to the conditions of commissioning.*

Applications

Water-repellent lime-based mortar for masonry works in general, masonry, plasters to receive paint, floor screeds, terrazzo pavements, underfloor heating.
It improves the characteristics of traditional mortars and can also be used for mechanical spraying and allows any type of finish to be received.

Supports

Ceramic brick, concrete, concrete block.

Recommendations

Application temperatures between 5 and 30ºC.
The percentage of water may vary depending on the mixer used. In the preparation of the mortar, use the same percentage of water and mixing time in order to avoid possible changes in colour. In dark shades, thermal deformations can increase, a greater risk of appearance problems and as a consequence the formation of limestones.
Place fiberglass or metal mesh in areas such as joints between different materials, slabs, pillars, shutter boxes, angles of frames and windows. The mesh must cover at least 20 cm on each side of the joint, being centered on the thickness of the cladding.
In cold weather, the **Hormidur-100** mortar setting accelerator can be used.
Product for new construction or rehabilitation.

Execution conditions

The supports must be flat, healthy, stable and resistant, free of dust, plaster, paint.
In hot weather and with dry wind, a humidification of the wall must be carried out before and 24 hours after the application of the coating, to promote the curing of the mortar and avoid the appearance of fissures and cracks, as well as the formation of dusty areas. The higher the temperatures, the more these phenomena intensify.
On smooth or non-absorbent walls, concrete walls, use **Paviseal-300** quick primer or **Ultimate** union bridge.
Avoid the application of the coating with low temperatures, high humidity, rain or ice, in the hours that follow the application of the mortar, increases the risk of efflorescence due to carbonation.
Do not apply with strong wind or direct sunlight.

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How to use



- Manual kneading:

  Mix the contents of the bag (25kg) with 4 - 5 litres of water until you get a homogeneous mass without lumps.



- Machine-designed:

  18-19% water.



Moisten before and after applying the mortar in order to avoid the appearance of cracks or micro-cracks.

When the mortar is in its setting process, it will be given the desired finish.



Associated Products

*Paviseal 300
*Ultimate
*Protect facades: A and S
*Hormidur-100



Presentation

25 kg bag
1200 kg pallet (48 bags)

Color

White and grey

On-demand colours

Consumption

±18 kg/m2 and cm thick

Storage

In original closed packaging, protected from moisture and weather: 1 year

⚠ IMPORTANT

The observations and prescriptions of this technical sheet, even if they correspond to our best experience, must 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 so 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 has been handled or applied, the manufacturer will not assume any claim, nor will he be responsible for the form, mode and conditions of application.