



Technical Data Sheet

CAREMA®

Lime-Clay Priming Plaster

- Spreading rate:** with a plaster application of 15 mm approx.
1.1 m² each 25 kg bag
approx. 45 m² each ton
- Water consumption:** approx. 6 l each bag



Composition

CAREMA® lime-clay priming plaster is a plaster mortar mixed ex works made of natural hydraulic lime acc. to EN 459-1, natural construction clay and grain-classified lime crushed sands. It is an ideal combination of the advantages of the natural binders lime and clay.

Properties

- free of zement
- suitable for allergy sufferers
- highly permeable
- moisture- and climate regulating
- heat storing
- abrasion-resistant
- no mould formation due to high alkalinity
- proven to bind hazardous substances and odours
- low-tension hardening process
- designable in many ways
- exclusively consists of natural raw materials

Application

In the interior, especially in ecological-biological building construction and preservation of historic monuments. On masonry of all types, concrete and plaster supports. May be used on all suitable substrates in one or several layers. Excellently suitable as priming plaster for our CAREMA® lime-clay fine plaster (2-layer plastering system for the interior). Also suitable for use in wallheating.

Plaster substrate

The plaster substrate must be dry, clean and free from loosely attached particles. Always carry out plaster substrate test according to VOB/C and DIN 18350. Smooth substrates and concrete surfaces must be pre-treated with CALCEA® lime bonding plaster. Any surfaces not suitable as plaster substrates must be spanned with plaster supports. Wet well strongly absorbing substrates in relation to their absorbencies.

Processing

Process with all commonly used plaster machines or by hand. After absorption, sharply level with metal straight edge or smooth with grated scraper. In case of plaster thickness of > 15 mm, it is compulsory to apply several plaster layers with a sufficient waiting period.

Special notes

Protect fresh plaster against fast drying-up. Under no circumstances, carry out artificial drying using gas heaters or fans. The air- and surface temperature must at least amount to 5°C. CAREMA® lime-clay priming plaster shall only be used in the original state without additives.

Delivery

25 kg bag
Containers

Storage

Dry, if possible on wooden shelves and protected against draft. Storage time shall not exceed 9 months.

Technical data

| | |
|---|--------------------------------|
| Mortar group: | CS I acc. to EN 998-1 |
| Fire Class: | A1 |
| Grain size: | 0 - 1.6 mm |
| Solid mortar raw density: | 1.50 kg/dm ³ |
| Compressive strength 28 days: | approx. 0.6 N/mm ² |
| E-Module: | approx. 1200 N/mm ² |
| Water vapour diffusion resistance factor μ: | < 8 |
| Water absorption: | W<0 |
| Thermal conductivity: | 0.80 W/(m·K) |

Safety instructions

Mortal will react very alkaline with water, thus: Protect skin and eyes, rinse thoroughly with water in case of contact, immediately contact doctor in case of eye contact.

Quality-monitored production

CAREMA® lime-clay priming plaster is continuously tested in our plant laboratory within the scope of our in-house monitoring with respect to the fulfilment of composition and properties. This will ensure a uniform quality of the product. CAREMA® lime-clay priming plaster has the quality certificate „RAL plant dry mortar“ and is certified acc. to EN 998-1.