



Technical Data Sheet

CAREMA®

Lime-Clay Fine Plaster

Spreading rate: with a plaster application of 3 mm
approx. 6.75 m² each 25 kg bag
approx. 270 m² each ton

Water consumption: approx. 8 l each bag



Composition

CAREMA® lime-clay fine 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. With a grain size of up to 0.6 mm CAREMA® lime-clay fine plaster is tuned to match our CAREMA® lime-clay priming plaster (2-layer plastering system for the interior). CAREMA® lime-clay fine plaster is excellently suitable for coats with CALCEA® lime coating system.

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.

Processing

Processing by hand as well as with all common plaster machines. CAREMA® fine lime plaster is applied with a steel trowel covering the complete surface. The mortar applied can be structured in a fresh condition using a scoop, trowel or spatula or felted or smoothed after absorption.

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 fine 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 - 0.6 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:	W0
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 fine 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 fine plaster has the quality certificate „RAL plant dry mortar“ and is certified acc. to EN 998-1.