



## Technical Data Sheet

### CAREMA®

### Lime-Clay Fine Plaster

**Spreading rate:** with a plaster application of 3 mm  
approx. 6.75 m<sup>2</sup> each 25 kg bag  
approx. 270 m<sup>2</sup> 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. CALCEA® 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 6 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 <sup>3</sup>
Compressive strength 28 days:	approx. 0.6 N/mm <sup>2</sup>
E-Module:	approx. 1200 N/mm <sup>2</sup>
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.