



CALCEA®

Technical Data Sheet

Fine Lime 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**

CALCEA® fine lime plaster consists of natural hydraulic lime acc. to EN 459-1 and light-coloured marble sands.

Properties

- free of cement
- suitable for allergy sufferers
- highly permeable
- moisture- and climate regulating
- exclusively consists of natural raw materials
- low-tension hardening process
- no mould formation due to high alkalinity
- designable in many ways

Application

In the interior, in particular in biological, ecological building as well as cultural heritage protection. Excellently suitable as finishing plaster for CALCEA® lime priming plaster and all mineral priming plasters.

If CALCEA® fine lime plaster shall be used in exterior areas, please contact our technical consultants.

In principle, a final coating with CALCEA® lime paint, CALCEA® lime full-tone paint or CALCEA® lime slurries is required for outdoor use.

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 on the covering the complete surface. The mortar applied can be structured or felting or smoothing in a fresh condition using a scoop, trowel or spatula.

Special notes

Protect fresh plaster against fast drying-up. The air and surface temperature must be at least 5 °C and maximum 25 °C. CALCEA® fine lime plaster shall only be used in the original state without additives.

Delivery

In 25 kg bag

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 PI acc. to DIN 18550
Fire Class:	A1
Grain size:	0 - 0.6 mm
Solid mortar raw density:	1.40 kg/dm ³
Compressive strength 28 days:	approx. 1.0 N/mm ²
E-Module:	approx. 1400 N/mm ²
Water vapour diffusion resistance factor μ :	< 8
Water absorption:	W ₀

Safety instructions

Mortar 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

CALCEA® fine lime 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. CALCEA® fine lime plaster has the quality certificate „RAL plant dry mortar“ and is certified acc. to EN 998-1.