



## Technical Data Sheet

### CALCEA®

### Fine Lime Plaster

|                           |   |
|---------------------------|---|
| <b>Spreading rate:</b>    | with a plaster application of 3 mm<br>approx. 6,75 m <sup>2</sup> each 25 kg bag<br>approx. 270 m <sup>2</sup> each ton |
| <b>Water consumption:</b> | 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 and exterior, 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<br>PI acc. to DIN 18550 |
| Fire Class:                                 | A1  |
| Grain size:                                 | 0 - 0.6 mm                                    |
| Solid mortar raw density:                   | 1.40 kg/dm <sup>3</sup>                       |
| Compressive strength 28 days:               | approx. 1.0 N/mm <sup>2</sup>                 |
| E-Module:                                   | approx. 1400 N/mm <sup>2</sup>                |
| Water vapour diffusion resistance factor μ: | < 8   |
| Water absorption:                           | W <sub>0</sub>                                |

#### 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

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.