



## Technical Data Sheet

### CALCEA®

**Spreading rate:** as priming plaster of 15 mm  
as finishing plaster of 10 mm

**Water consumption:** approx. 6,5 l each bag

### Lime Priming Plaster

approx. 1.2 m<sup>2</sup> each 25 kg bag  
approx. 48 m<sup>2</sup> each ton

approx. 1.8 m<sup>2</sup> each 25 kg bag  
approx. 72 m<sup>2</sup> each ton



#### Composition

CALCEA® lime priming plaster is a lime plaster mixed ex works made of natural hydraulic lime acc. to EN 459-1, Puzzolan and grain-classified lime crushed 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

#### Application

In the interior and limited exterior (after consultation with a specialist advisor), in particular in biological, ecological building as well as cultural heritage protection. 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 CALCEA® fine lime plaster, CAREMA® lime-clay fine plaster and CALCEA® fine lime coat as well as all mineral finish plasters.

Also suitable for use in wallheating.

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

#### 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 a suitable bonding bridge. Any surfaces not suitable as plaster substrates must be spanned with plaster supports.

If a bonding improvement or regulating of the absorbency of the substrate will be required, a net-shaped or full-surface preliminary splatter-dash with CALCEA® lime bonding plaster must be applied.

#### Processing

Process with all commonly used plaster machines or by hand. After absorption, sharply level with metal straight edge or smooth with grated scraper. Waiting period before further coating: per 1 mm layer thickness 1 day at suitable drying conditions. In case of plaster

thickness of > 10 mm, it is compulsory to apply several plaster layers with a sufficient waiting period.

#### 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® lime 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 PI acc. to DIN 18550
Fire Class:	A1
Grain size:	0 - 1.2 mm
Solid mortar raw density:	approx. 1.40 kg/dm <sup>3</sup>
Compressive strength 28 days:	approx. 1.1 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>c0</sub>
Thermal conductivity:	≤ 0.89 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

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