



Technical Data Sheet

CALCEA®

Lime Bonding Plaster

Spreading rate: for approx. 10 mm plaster application approx. 1.65 m² each 25 kg bag
as reticular rough cast approx. 6.25 m² each 25 kg bag

Water consumption: approx. 5,8 l each bag



Composition

CALCEA® lime bonding plaster consists exclusively of natural hydraulic lime acc. to EN 459-1, Puzzolan and grain-classified crushed lime sands as well as additives for the improvement of the processing and bonding.

Properties

- without cement
- suitable for allergy sufferers
- highly permeable
- moisture- and climate regulating
- low-tension hardening process
- no mould formation due to high alkalinity
- low E-module
- good bonding properties

Application

CALCEA® lime bonding plaster is suitable for the use on difficult substrates. E.g. concrete surfaces, soft wood fibre boards or non-absorbent stones.

As preliminary splash mortar for lime plasters on non- or weakly absorbent substrates.

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. Any surfaces not suitable as plaster substrates must be spanned with plaster supports.

Processing

CALCEA® lime bonding plaster can be processed with all commonly used plaster machines as well as by hand.

Waiting period before further coating: 1 day for each mm of plaster thickness, with suitable drying conditions.

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 bonding plaster shall only be used in the original state without additives.

Delivery

25 kg bag

Storage

Dry, if possible on wooden shelves and protected against draft. Storage time shall not exceed 6 months.

Technical data

Mortar group:	CS II acc. to EN 998-1 P II acc. to DIN 18550
Fire Class:	A1
Grain size:	0-4 mm
Solid mortar raw density:	approx. 1.6 kg/dm ³
Compressive strength 28 days:	approx. 2.4 N/mm ²
E-Module:	approx. 1300 N/mm ²
Water vapour diffusion resistance factor μ:	< 8
Water absorption:	W0

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 bonding 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.