

Wer auf die Natur setzt, kann auf uns bauen.

Technical Data Sheet

CALCEA®

Lime spatterdashing mortar

Spreading rate: for approx. 10 mm plaster application approx. 1.8 m²

each 25 kg bag

as reticular rough cast approx. 6.25 m² each 25 kg bag

Water consumption: approx. 5,5 I each bag



Composition

CALCEA® lime spatterdashing mortar 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 spatterdashing mortar 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 spatterdashing mortar 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 spatterdashing mortar shall only be used in the original state without additives.

Delivery

25 kg bág

Storage

Dry, if possible on wooden shelves and protected against draft. Storage time shall not exceed 9 months.

Technical data

Mortar group: CS II acc. to EN 998-1 P II acc. to DIN 18550

Fire Class: A1
Grain size: 0-4,5 mm

Solid mortar raw density: approx. 1.5 kg/dm³
Compressive strength 28 days: approx. 2.4 N/mm²
E-Module: approx. 1300 N/mm²

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 spatterdashing mortar 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.

The information supplied in this technical data sheet is based on the know-how gained by our development department and on the collected experience from the field. A liability for the exact validity of the individual data cannot be derived there from, however, because differing processing requirements or processing methods are outside of our scope of influence. With respect to the quality of our products, we refer to the warranty given within the scope of our General terms and conditions. Our field service consultants will be ready to assist you in case of any further questions with respect to the application. We reserve the right to changes improving our products. Version 27.04.2017 (Substitutes all prior versions).