



## Technical Data Sheet

# HISTOCAL® Historic Pure Lime Plaster CS II (outside, fine)

**Spreading rate:** with a plaster application of 10 mm approx. 1.8 m<sup>2</sup> each 25kg bag  
approx. 71 m<sup>2</sup> each ton

**Water consumption:** approx. 5,8 l each bag

### Composition

HISTOCAL® Historic pure lime plaster CS II (outside, fine) is made of natural hydraulic lime acc. to EN 459-1, Puzzolan and grain-classified lime crushed sands.

### Properties

- free of cement
- grading curve according to historic findings
- highly permeable
- moisture- and climate regulating
- exclusively consists of natural raw materials
- low-tension hardening process
- no mould formation due to high alkalinity
- low E-module

### Application

For the interior and exterior, in particular for the restoration and preservation of historic monuments. HISTOCAL® Historic pure lime plaster CS II (outside, fine) can be applied in one or several layers onto historic masonry and historic old coatings. Fill joints and stone chunkings with HISTOCAL® Historic pure lime plaster CS II (outside, coarse) and replace any missing stones.

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.

A further coating is possible with CALCEA® Fine lime plaster.

### 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

Process with all commonly used plaster machines and mixing pumps or by hand. In case of a conveying and processing with a machine, please contact our technical consultants. After absorption, sharply level with metal straight edge or smooth with grated scraper.

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.

HISTOCAL® Historic pure lime plaster CS II (outside, fine) shall only be used in the original state without additives.

### Delivery

25 kg bags  
containers

### 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 PII acc. to DIN V 18550
Fine Class:	A1
Grain size:	0-1.2 mm
Solid mortar raw density:	approx. 1.5 kg/dm <sup>3</sup>
Compressive strength 28 days:	approx. 1,8 N/mm <sup>2</sup>
E-Module:	approx. 1300 N/mm <sup>2</sup>
Water steam diffusion resistance factor $\mu$ :	< 8
Water absorption:	W <sub>c0</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

HISTOCAL® Historic pure lime plaster CS II (outside, fine) 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.