



## Technical Data Sheet

# HISTOCAL®

# Anchor mortar

Spreading rate: 16 l wet mortar each 25 kg bag

Water consumption: approx. 0.29 l/kg

### Composition

HISTOCAL® Anchor mortar consists of natural hydraulic lime acc. to EN 459-1, grain-classified lime sands and improvement additives.

### Properties

- soft, plastic consistency
- lime-bound
- suitable for pumping
- pressure-stable

### Application

HISTOCAL® Anchor mortar is used for the pressing and grouting of anchor systems in masonry, for example. Due to its soft, plastic consistency, the filling of anchor bores may also be done overhead. HISTOCAL® Anchor mortar is very well suitable for the processing of anchors with so-called anchor socks.

### Substrate

The substrate must be dry, clean and free from loosely attached particles. Absorbent and gypsum-containing substrates have not been tested.

### Processing

Mix with stirrer quirl for 5 minutes. After a curing period of 10 minutes, stir up again.

### Special notes

Protect fresh mortar against fast drying-up. The air and surface temperature must be at least 5 ° C and maximum 25 ° C. HISTOCAL® Anchor mortar 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:	M5 acc. to EN 998-2
Fire Class:	A1
Compressive strength after 28 d:	> 5 N/mm <sup>2</sup>
expected compressive strength after 56 d:	> 12 N/mm <sup>2</sup>
flexural strength after 28 d:	> 1,2 N/mm <sup>2</sup>
Solid mortar density:	1.45 kg/dm <sup>3</sup> .
Largest grain size:	< 1 mm
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 monitoring

HISTOCAL® Anchor 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.