



Technical Data Sheet

HISTOCAL® Pore Plaster - coarse

Spreading rate: for approx. 15 mm plaster application approx. 1.7 m² each bag of 25 kg
approx. 70 m² each ton

Water consumption: approx. 8 l each bag

Composition

HISTOCAL® pore plaster (coarse) consists of natural hydraulic lime acc. to EN 459-1, sulphate-resistant cement, mineral natural lightweight additives and grain-classified crushed lime sands.

Properties

- exclusively consists of natural raw materials
- highly permeable
- high storage capacity for salts
- easy to process
- low-tension hardening process
- low E-module
- for the interior and the exterior
- also suitable as a levelling means on complicated substrates
- suitable for moist and salt-containing substrate

Application

Pore plaster for the interior and the exterior on moist and/or salt-loaded masonry of all types.

Particularly suitable for the renovation of historic masonry and building substance of historic monuments.

May be used on all suitable substrates in one or several layers.

Plaster substrate

The plaster substrate must be clean and free from loosely attached particles. Always carry out plaster substrate test according to VOB/C and DIN 18350.

Processing

In case of a manual processing, mix the complete contents of the bag with 8 l of water in the compulsory mixer. Make sure that the mixing time will not exceed 5 min.

The use of the UMP 1 of the Deutsche Fördertechnik is recommended for the machine processing of this plaster. Alternatively, any commercial Shine (eg PFT G4/G5) are used with an appropriate equipment (remixer). Draw off with straight edge after splashing or spreading out.

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® pore plaster (coarse) 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 6 months.

Technical data

Mortar group:	CS II acc. to EN 998-1
Fire Class:	A1
Coarse grain plaster:	0-4.5 mm
Dry mortar raw density:	1.1 kg/dm ³
Solid mortar raw density:	1.2 kg/dm ³
Compressive strength after 28 days:	3.5 N/mm ²
Water vapour diffusion resistance factor μ :	< 8
Capillary water absorption:	2.5 kg/(m ² · min ^{0.5})
Porosity:	approx. 35 % per volume

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. Low chromate contents.

Quality-monitored production

HISTOCAL® pore plaster (coarse) 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.