



Technical Data Sheet

HISTOCAL®

Lime-trass render

Spreading rate: with a plaster application of 15 mm approx. 1.1 m² each 25 kg bag
approx. 45 m² each ton

Water consumption: approx. 6 l each bag

Composition

HISTOCAL® Lime-trass render is a factory-mixed lime render made from natural hydraulic lime NHL 2 acc. to EN 459-1, trass powder and grain-graduated crushed lime sands.

Properties

- free of cement
- minerally
- highly permeable
- moisture- and climate-regulating
- low-tension hardening process
- mould formation prevented by high alkalinity

Application

For interior and exterior, in building conservation and biologically-ecologically construction in particular. On masonry of all types, concrete and plaster supports. May be used on all suitable substrates in one or several layers. Excellently suitable as priming plaster for CALCEA® Fine lime plaster, CAREMA® Lime-clay fine plaster and CALCEA® Fine lime coat as well as all mineral finish plasters.

If HISTOCAL® Lime-trass render is intended for the use in exterior areas, please contact our technical consultants.

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. Smooth substrates and concrete surfaces must be pre-treated with a suitable bonding bridge (CALCEA® Lime bonding plaster as preliminary splatter-dash, CALCEA® Lime bonding and reinforcing mortar). Any surfaces not suitable as plaster substrates must be spanned with plaster supports. Highly absorbent substrates are well pre-wet according to their absorbency.

Processing

Process with all commonly used plaster machines or by hand. After absorption, sharply level with metal straight edge or smooth with grated scraper. Drying period before further coating: 1 day for each mm of plaster thickness, at suitable drying conditions.

In case of plaster thickness of > 15 mm, it is mandatory to apply several plaster layers with a sufficient drying period.

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® Lime-trass render must be used only in 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 9 months.

Technical data

Mortar group:	CS I acc. to EN 998-1 PI acc. to DIN V 18550
Fire Class:	A1
Grain size:	0 - 1.6 mm
Solid mortar raw density:	1.36 kg/dm ³
Compressive strength 28 days:	approx. 0.9 N/mm ²
Young's modulus:	approx. 1400 N/mm ²
Water vapour diffusion resistance factor μ:	< 8
Water absorption:	W _{c0}
Thermal conductivity:	approx. ≤ 0.89 W/(m·K)

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® Lime-trass render 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. HISTOCAL® Lime-trass render has the "RAL plant dry mortar" quality certificate and is certified to EN 998-1.