

Restoration Plaster 2 “Light and Fast”

Fast setting, white, light restoration plaster for renovation of salt-damaged and moisture-penetrated masonry

Features

KÖSTER Restoration Plaster 2 “Light and Fast” is a fast setting, salt-resistant, white, light restoration plaster for the restoration of areas with strongly moisture- and salt-burdened substrates. Due to its porosity and its hydrophobicity, KÖSTER Restoration Plaster 2 “Light and Fast” permits the damage-free drying and de-salting of masonry even in cases of high salt burdens.

Technical data

Air void contents (fresh mortar)	> 30 vol-%
Compressive strength	> 2.8 N / mm ²
Flexural tensile strength	approx. 0.9 N / mm ²
Porosity	> 40 vol-%
Starts to set	after approx. 45 min

Field of application

KÖSTER Restoration Plaster 2 “Light and Fast” is designed for the repair of moisture- and salt-damaged masonry, especially after installation of a horizontal barrier. KÖSTER Restoration Plaster 2 “Light and Fast” is predominantly used for small-area waterproofing and restoration jobs which, for economization-reasons, require a fast sequence of the individual work steps. The system can be applied to masonry with all moisture- and salt-burdens. KÖSTER Restoration Plaster 2 “Light and Fast” can also be used as decorative water-repellent exterior plaster. In this case, it is recommended to first apply a plaster made of KÖSTER Repair Mortar to the base area up to 30 cm above terrain.

Substrate preparation

KÖSTER Restoration Plaster 2 “Light and Fast” can be applied to masonry made of brick, natural stone, plan blocks, vertically perforated brick, mixed masonry etc. sealing slurries (e. g. KÖSTER NB 1 Grey or NB 2 White, KÖSTER KD-System). Prior to the application of KÖSTER Restoration Plaster 2 “Light and Fast”, loose particles and salt efflorescence must be removed mechanically. Also, the substrate is primed with KÖSTER Polysil® TG 500 (min. consumption 120 g / m², in case of strongly absorbent substrates up to 250 g / m²).

Application

Directly after priming the substrate with KÖSTER Polysil® TG 500,

a plaster key made of KÖSTER Restoration Plaster 2 “Light and Fast” and KÖSTER SB Bonding Emulsion “Concentrate” (1 : 3 diluted with water) is applied. The resulting layer should be approx. 5 mm thick with a coverage of 50 % (consumption: approx. 3.5 – 4.0 kg / m²). After allowing the plaster key to cure for 30 to 60 minutes, the final plaster layer made of KÖSTER Restoration Plaster 2 “Light and Fast” can be applied. KÖSTER Restoration Plaster 2 “Light and Fast” is mixed with water into a processable mortar. A compulsory mixer should be used. Per bag (25 kg) of KÖSTER Restoration Plaster 2 “Light and Fast”, approx. 4.8 to 5.0 l of water are needed. The plaster is usually applied in one layer with a total layer thickness of up to approx. 2.5 cm; the minimum layer thickness should be 2 cm. After throwing the plaster onto the wall, it is levelled with a darby float or a feather edge. After sufficient setting, the plaster is smoothed. KÖSTER Restoration Plaster 2 “Light and Fast” can be smoothed depending on humidity and temperature after approx. 30 to 60 minutes.

Consumption

Approx. 9 kg / m² per cm of plaster layer thickness

Cleaning of tools

Clean tools immediately after use with water.

Packaging

25 kg bag

Storage

Store the material in a dry place; in originally sealed packages, it can be stored for approx. 12 month.

Technical guidelines cited

KÖSTER SB Bonding Emulsion „Concentrate“	Art.-No. 2.11
KÖSTER KD-System	Art.-No. 3.01
KÖSTER NB 1 Grey	Art.-No. 3.021
KÖSTER NB 2 White	Art.-No. 3.022
KÖSTER Polysil® TG 500	Art.-No. 4.011
KÖSTER Repair Mortar	Art.-No. 5.030

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