KÖSTER
Waterproofing Systems

KÖSTER Restoration Plaster Key

Technical Data Sheet M 154 025

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M - Restoration of masonry

Grey, course plaster key, can be quickly plastered over

Features
Fast, coarse plaster key with polymer additives for the substrate preparation of KÖSTER Restoration Plasters. Very good bonding also on very moist and highly salt burdened substrates.

Technical Data

Maximum aggregate size	3 mm
Pot life	approx. 30 min.
Stiffening time	approx. 60 min.
Overcoat after	approx. 30 - 60 min.
Compressive strength (28 days)	> 10 N/mm²
Bending tensile strength (28 days)	> 5 N/mm²
Water required for mixing	5.0 - 6.0 l

Fields of Application
For creating a plaster key as preparation for the application of KÖSTER Restoration Plasters on mineral substrates (except gypsum). After a short time can be applied in one or more coats.

Substrate
When renovating masonry first all existing plaster must be removed. The joints are to be scraped out approximately 2 cm deep. Salt burdened substrates are treated with KÖSTER Polysil TG 500. After 30 minutes the KÖSTER Restoration Plaster Key can be applied. When applying over KÖSTER NB 1 Grey or other mineral sealing slurries KÖSTER Restoration Plaster Key can be applied after 3 days.

Application
A plaster key is a thin slurry which is used as a bonding bridge between the substrate and the Restoration Plaster. Each 25 kg bag is mixed with 5.0 l to 6.0 l of clean potable water. Put 5 l of water in a clean mixing vessel and add the powder in portions while continually mixing using a slow speed mechanical compulsory mixer (under 400 rpm). Add in portions as much of the remaining water as necessary to achieve the desired consistency and mix until the mortar has a homogeneous texture. Mixing time is 3 minutes after all powder has been added to the liquid.The exact amount of mixing water can be higher or lower depending on the temperature, humidity, and absorbency of the substrate. The plaster key has the proper consistency when it can be easily cast onto the surface but does not run off. The slurry is cast onto the substrate with a brush or a trowel so that the plaster key is no thicker than 5 mm and covers approximately 50% of the area. After 30 to 60 minutes the Restoration Plaster can be applied.

Consumption
4 - 6 kg / m²

Cleaning
Clean tools immediately after use with water.

Packaging

M 154 025	25 kg bag

Storage
Store the material in a dry environment. In originally sealed packages, the material can be stored for a minimum of 6 months.

Safety
Wear protective gloves and goggles when processing the material. Observe all governmental, state, and local safety regulations when processing the material.

Related products

KÖSTER Polysil TG 500	Prod. code M 111
KÖSTER Restoration Plaster Grey	Prod. code M 661 025
KÖSTER Restoration Plaster White	Prod. code M 662 025
KÖSTER Restoration Plaster White/Fast	Prod. code M 663
KÖSTER Restoration Plaster White/Light	Prod. code M 664 020
KÖSTER Restoration Plaster Grey/Light	Prod. code M 666 020

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.

KÖSTER BAUCHEMIE AG • Dieselstraße 1-10 • D-26607 Aurich • Tel. 04941/9709-0 • Fax -40 • info@koester.eu • www.koester.eu