

KÖSTER Mautrol® Liquid Sealant

Technical guideline / Article number **3.041**
Issued: 1st of January 2007

- Official certificate of inspection, AMPA, Hanover – damp proofing
- Industry classification "MAUTROL" registered at the German patent office, K 50 862

Silicifying liquid for waterproofing against rising damp

Features

KÖSTER Mautrol® Liquid Sealant is a very thin, deeply penetrating silicifying liquid with hydrophobing effect. It effectively seals off rising damp. The material is injected via boreholes into the masonry. It spreads into the capillaries of the construction material and it reacts to form insoluble and water repellent compounds. Besides the hydrophobing effect, KÖSTER Mautrol® Liquid Sealant considerably strengthens the damaged construction members. KÖSTER Mautrol® Liquid Sealant does not attack steel reinforcements.

Technical Data

Viscosity	approx. 80 mPa.s
Type of effect	narrowing of pores / hydrophobing of pore walls
ph-value	approx. 11
Density	1.16 g / cm ³

Field of application

KÖSTER Mautrol® Liquid Sealant is used to seal off rising damp in masonry up to a damage level of approx. 1 % (by mass) salt content and 50 % moisture content (equals approx. 5 – 8 % water contents by mass).

KÖSTER Mautrol® Liquid Sealant can be applied to all types of masonry except for those that contain loam mortars.

Application

KÖSTER Mautrol® Liquid Sealant is applied using the following systems:

- KÖSTER Mautrol® Liquid Sealant Cartridge System
for diagonally applied waterproofing
- KÖSTER Mautrol® Liquid Sealant Suction Angle System
for horizontally applied waterproofing

For detailed information, please see the respective system

descriptions.

Please observe

Due to the chemical consistency of KÖSTER Mautrol® Liquid Sealant, it is possible that after full cure of the material visible discolourations (efflorescence) may occur which may not be removable.

Consumption

The consumption depends on the absorbency of the masonry.
Mean value: approx. 0.1 kg per cm wall thickness per m wall

Cleaning of tools

Immediately after use with water.

Packaging

240 kg barrel; 36 kg and 12 kg canister
0.55 kg cartridge (28 cartridges / box)

Storage

Store in a cool and frost free place; in originally sealed packages, the material can be stored for approx. 2 years.

Safety

When processing the material, wear protective gloves and goggles.

Technical guidelines cited

Cartridge System with KÖSTER Mautrol® Liquid Sealant
Suction Angel System with KÖSTER Mautrol® Liquid Sealant

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.