

KÖSTER

Anti-Mould-System AMS®

Technical guideline/ Product No. **3.15**
 Issued: November 19, 2009

- German Federal Patent, 42 40 378

System for combating and preventing mould infestation in living areas on a purely physical base; free of fungicidal poisons

Features

The KÖSTER Anti-Mould-System consists of 2 products:

KÖSTER AMS® Liquid Film:

Solvent free, water-vapour-permeability reducing dispersion coating.

KÖSTER AMS® Special Plaster:

Condensate-reducing capillary-inactive special plaster.

The system prevents the renewed infestation of treated living areas with mould through an effective reduction in the formation of condensate (e. g. on thermal bridges), thereby withdrawing the foundation for growth from the fungi.

The KÖSTER AMS®-System does not affect the room climate adversely.

Technical data

KÖSTER AMS® Liquid Film

Viscosity 4500 – 5000 mPa.s

Application of next layer after approx. 60 minutes

KÖSTER AMS® Special Plaster

Application of next layer after approx. 3 – 7 days

Field of application

The KÖSTER Anti-Mould-System AMS® is designed to reduce the formation of condensate in living spaces which are in danger of mould infestation and it thus permanently prevents mineral substrates from renewed infestation with mould – do not apply to gypsum or gypsum containing substrates.

Application

Protect surfaces that will not be coated by covering with a foil. Protect edges (e.g. ceiling / wall areas) by masking with tape. Remove mould thoroughly (wear a particulate matter mask). Dry extremely damp walls with warm air first.

Apply the thoroughly stirred KÖSTER AMS® Liquid Film to the whole area to be covered in two coats using a wide brush. Drying time: min. 1 hour. Then KÖSTER AMS® Special Plaster is applied

using a plastering trowel or something similar, levelled, and on the sides of the area where it is applied it is levelled up to the existing plaster. Take care to apply the layer in a thickness of approx. 2.5 mm. It is very important not to damage the layer of KÖSTER AMS® Liquid Film. Add KÖSTER AMS® Special Plaster in portions into the mixing water – not the other way around. (Mixing ratio: 10 kg powder to approx. 3 l water)

Note

Protect the applied system for at least 24 hours after application from heat, frost, strong wind and fast drying. Mechanical stresses can damage KÖSTER AMS® Special Plaster due to its layer thickness and porosity.

Consumption

KÖSTER AMS® Liquid Film approx. 500 g / m²

KÖSTER AMS® Special Plaster approx. 2.0 kg / m²

Cleaning of tools

Clean tools immediately after use with water.

Packaging

KÖSTER AMS® Liquid Film 5 kg bucket

KÖSTER AMS® Special Plaster 15 kg bag

System Pack 2 kg AMS® Liquid Film

10 kg AMS® Special Plaster

Storage

Store the material dry and frost free; in originally sealed packages, it can be stored for approx. 12 months.

Safety precautions

Wear protective gloves and goggles when processing the material.

Wear a particulate matter mask when removing the mould.

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.