erstomould

LONG-TERM **MOULD PROTECTION**

TECHNICAL
DATA SHEET

Functional Dispersion Coating for the
Treatment & Prevention of Mould Infestation

PROPERTIES

erstomould is a water-based functional dispersion coating with high water repellency and good water vapour permeability.

Thanks to its thixotropic material consistency, erstomould can be applied similarly to a conventional interior wall coating.

System Structure

No. 1 Embedding Coat applied directly to mould-affected areas as well as adjacent wall and ceiling surfaces in interior applications.

After the recommended drying period, application of: No. 2 Functional Top Coat follows in order to form the functional protective film

Properties & Advantages

- High-opacity water-based dispersion coating
- Carbonation-inhibiting effect
- High water repellency
- Good water vapour permeability
- Suitable for interior applications
- Odour-neutral after drying
- Cleaning- and scrub-resistant
- Solvent-free
- Free from silver ions
- Free from nanoparticles
- Tintable with Mixol tinting concentrates up to max. 5 %
- Stir thoroughly for at least 2 minutes before use
- Apply directly and generously using an airless spraying system
- Subsequently work the applied material carefully into the surface using a paint roller
- Consumption: approx. 1 litre per 10 m²
- Always treat the complete room area
- Drying time: 1–2 hours before application of the functional top coat

Chemical or mechanical mould removal procedures are generally not required.

The substrate must be sound, dry and free from slurry, oil, grease, dust and other separating residues.

APPLICATION

Application is carried out by: rolling, brushing, or airless spraying in two separate working stages.

SUBSTRATE PREPARATION GUIDELINES

01 EMBEDDING COAT

02 FUNCTIONAL TOP COAT

System Application Note

To adjust the material viscosity, a defined quantity of No. 1 Embedding Coat or clean water may be homogenised with No. 2 Functional Top Coat prior to application.

Recommended Addition Quantity:

- approx. 1–3 litres of No. 1 Embedding Coat

or:

- approx. 1–3 litres of clean water per container of No. 2 Functional Top Coat.

Application Note

Apply the homogenised mixture directly and generously onto the surface previously treated with erstomould No. 1 Embedding Coat.

Subsequently allow a minimum drying time of 3 hours.

PROTECTION & SAFETY

erstomould anti-mould wall coating is solvent-free.

erstomould must only be used in its original form and in accordance with the manufacturer's instructions.

It must not be mixed, enriched or diluted with other liquids or coating products.

Permitted Exception:

Mixol tinting concentrate in pastel shades up to max. 5 % by volume.

After complete drying, the treated room can be used without restriction.

Ensure good ventilation during application and drying.

Remaining material should be stored tightly sealed in the original container and used within 3 months.

After complete drying of residual material, containers may be disposed of with household waste in accordance with local regulations.

Keep out of reach of children.

erstomould is suitable for use in occupied areas.

erstomould is free from nanoparticles and silver ions.

This information reflects the current state of technical development.

As application and processing are beyond our control, no liability claims may be derived from the use of the product.

It is strongly recommended to read and follow both the Technical Data Sheet and the Safety Data Sheet prior to use.

Always read the label and product information before use.

Use biocidal products safely.

TECHNICAL DATA

Property	Value
Finish	Silk matt
Touch dry	approx. 90 minutes
Recoatable	after approx. 3 hours
Fully cured	after 24 hours
Wet scrub resistance	Class 1
Density at 20 °C	1.36 g/cm³
Solids content	approx. 54 %
Viscosity	Thixotropic
Colour	High-opacity white
Application temperature	min. +5 °C to +30 °C
Opacity	Class 1
Storage stability	12 months frost-free
Coverage rate	approx. 8 m²/l depending on substrate absorbency
Odour	Nearly odour-neutral in liquid form; completely neutral after drying

IMPORTANT NOTES

- Always transfer the required quantity of erstomould coating into a separate working container.
- Coating material that has already come into contact with tools such as brushes or rollers must be used immediately and must not be returned to the original container.
- Ensure adequate ventilation during application and drying.
- The substrate must not be frozen.
- Substrate and ambient temperatures must be at least +5 °C.
- Mixing with third-party products or adding water is only permitted where expressly recommended by the manufacturer, as otherwise the guaranteed system properties may be impaired.

CLEANING OF TOOLS

Clean tools immediately after use with cold water.

AREAS OF APPLICATION

erstomould has proven effective for the prevention and treatment of microbial contamination on wall and ceiling surfaces in a wide variety of interior environments.

Typical areas of application:

- Living areas
- Bedrooms
- Children's rooms
- Basement areas
- Garages
- Stairwells
- and other moisture- or mould-prone interior environments.

erstomould is also suitable as a functional and long-term stable protective coating for mineral interior substrates.

The suitability for overcoating existing coatings must be assessed on a project-specific basis.

A test area is recommended.

In addition, erstomould is used in moisture-exposed processing and production environments, particularly:

- breweries
- malt houses
- bakeries
- cheese dairies
- dairy processing facilities
- and meat processing plants.

The system is particularly suitable for areas with an increased risk of microbial contamination and condensation formation.

Depending on system configuration and testing basis, erstomould may be supplied including a declaration of suitability and global migration testing documentation.

CONTACT

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