



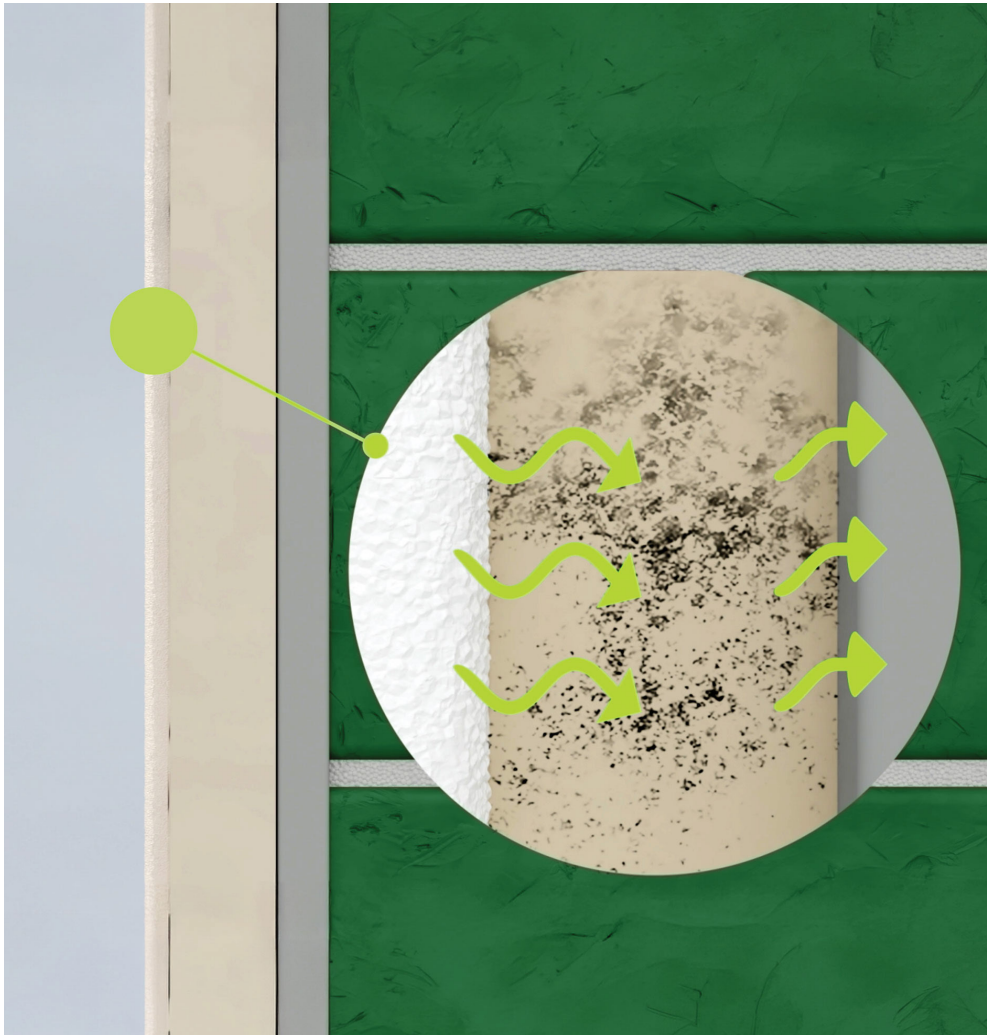
 MADE
IN
GERMANY

ersto
mould

LONG-TERM **MOULD PROTECTION**

Functional Mould Remediation &
Prevention System

Sustainable mould remediation.
More stable surfaces. Developed
for modern indoor hygiene.



PRODUCT PROFILE

erstomould is a functional coating system designed for the treatment and prevention of mould contamination on mineral interior surfaces. The system was specifically developed to functionally bind, neutralise and stabilise visible mould contamination as well as superficial mycelial structures directly within the affected substrate.

Thanks to its specialised system technology, aggressive chemical or heavily mechanical pre-treatment can often be significantly reduced or avoided.

erstomould remains vapour permeable, odourless and solvent-free and – after professional application – is also suitable for sensitive indoor environments and food-related areas according to test certification.

Developed for Sustainable Mould Remediation

Mould does not occur randomly.

Typical causes include:

- elevated moisture levels
- condensation formation
- thermal bridges
- or insufficient airflow management

This is exactly where the ERST system concept is designed to perform. erstomould does not simply cover visible mould contamination – it forms part of a comprehensive system approach for the long-term stabilisation of surfaces, indoor climate and building physics.

TWO SYSTEM VARIANTS FOR DIFFERENT REQUIREMENTS

01 erstomould PURE

Biocide-Free System Technology

erstomould pure is based on a modern physical inhibition principle.

The specially engineered formulation:

- functionally binds mould and mycelial structures
- encapsulates affected capillary zones
- supports vapour-permeable surfaces
- sustainably reduces mould-promoting conditions

The technology works without conventional biocides and is particularly suitable for:

- sensitive interior environments
- healthy living concepts
- modern sustainable renovation projects
- food-related applications

02 erstomould ACTIVE

Active Component-Supported System Technology

erstomould active enhances the functional system performance through supporting active components.

The technology was specifically developed for:

- elevated microbiological contamination
- demanding remediation areas
- technically sensitive applications
- project-specific special cases

Only a very low concentration of active components is used.

After professional application and complete drying, this variant is also suitable for sensitive interior applications according to system approval.

MOULD NEUTRALISATION & SURFACE PROTECTION IN ONE SYSTEM

Functional Integration of Mould Contamination

The specially developed coating penetrates into the superficial capillary structure and functionally integrates existing mould and mycelial structures.

This allows erstomould to support:

- neutralisation of visible mould contamination
- stabilisation of affected surface areas
- reduction of superficial mycelial activity

Vapour-Permeable Protective Layer

After drying, erstomould forms a vapour-permeable and durable functional protection layer.

This supports:

- balanced moisture behaviour
- reduction of recurring mould growth
- long-term surface stabilisation

A professional elimination of the underlying cause of mould growth always remains essential.



COMFORTABLE APPLICATION & SENSITIVE INTERIOR AREAS

erstomould is:

- solvent-free
- odourless
- free from silver ions
- free from nanoparticles
- vapour permeable & building-physics active

This makes the system particularly suitable for:

- living rooms
- bedrooms
- children's rooms
- sensitive indoor environments
- food-related interior applications according to certification

TECHNICAL CLASSIFICATION

erstomould is not a conventional overpaint solution for mould contamination.

The system forms part of a comprehensive ERST mould and moisture management concept combining:

- root-cause analysis
- building-physics evaluation
- moisture regulation
- thermal optimisation
- and controlled airflow management

Long-term mould-free conditions can only be achieved if the root cause is professionally resolved.



TYPICAL AREAS OF APPLICATION

Residential & Living Areas

- bedrooms
- living rooms
- children's rooms
- stairwells
- basement areas

Commercial & Sensitive Environments

- storage & production areas
- food-related interior spaces
- hygiene-sensitive environments

Particularly Suitable for:

- interior sides of exterior walls
- thermal bridge areas
- rooms with ventilation deficiencies
- condensation-prone surfaces
- mould-sensitive problem zones

Part of the ERST System for Mould Prevention, Moisture Control & Indoor Climate

erstomould is a central component of the ERST system portfolio for long-term mould prevention.

RECOMMENDED SYSTEM COMBINATIONS

Cause	Complementary System
Moisture & salt contamination within masonry	erstoplast
Thermal bridges & low surface temperatures	erstotherm
Ventilation deficiencies & elevated humidity	erstair
Comprehensive mould & moisture remediation	ERST system analysis + combined systems

APPLICATION

Before application, an analysis is always carried out regarding:

- moisture exposure
- surface temperatures
- airflow conditions
- and the underlying cause of contamination

Surface Preparation

- removal of loose material
- removal of unstable layers
- cleaning of coarse contamination
- removal of heavily contaminated wallpaper or filler layers where necessary

Application Properties

- application between +5 °C and +30 °C
- vapour-permeable system structure
- combination with aggressive mould removers is not recommended
- multi-layer functional system possible

FEATURES & BENEFITS

- direct application on mould-affected substrates
- functional neutralisation of superficial mycelial structures
- vapour permeable & building-physics active
- high opacity & durable finish
- wet abrasion class 1
- solvent-free & odourless
- free from silver ions & nanoparticles
- suitable for sensitive interior environments
- compatible with all ERST systems
- part of a comprehensive mould remediation concept

TECHNICAL OVERVIEW

Property	Description
Binder	Styrene acrylate
Opacity	Class 1
Wet abrasion	Class 1
Vapour permeability	Highly vapour permeable
Colour	White
Odour	Odourless
Additives	Solvent-free, free from silver ions & nanoparticles
Area of application	Interior surfaces



FAQ

Can erstomould be applied directly onto mould contamination?

Yes. The system was specifically developed for the functional treatment of mould-affected surfaces. However, loose or unstable layers must be removed beforehand.

Is all pre-treatment eliminated?

Aggressive chemical or mechanical procedures can often be reduced or avoided. Basic cleaning and substrate preparation remain necessary.

Is erstomould alone sufficient?

Only if the root cause is also resolved. In cases involving moisture, thermal or ventilation issues, complementary ERST systems should be integrated.

Is erstomould safe for sensitive environments?

After professional application and complete drying, the system is suitable for sensitive interior and food-related environments according to certification.

Can erstomould be applied to plasterboard?

Yes, provided the substrate remains stable and undamaged. Test applications are recommended.

ERST – System Solutions for Mould Prevention, Moisture Protection & Indoor Climate
Scientifically grounded. Proven in practice. Designed for long-term performance.



CONTACT

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