



 **MADE  
IN  
GERMANY**

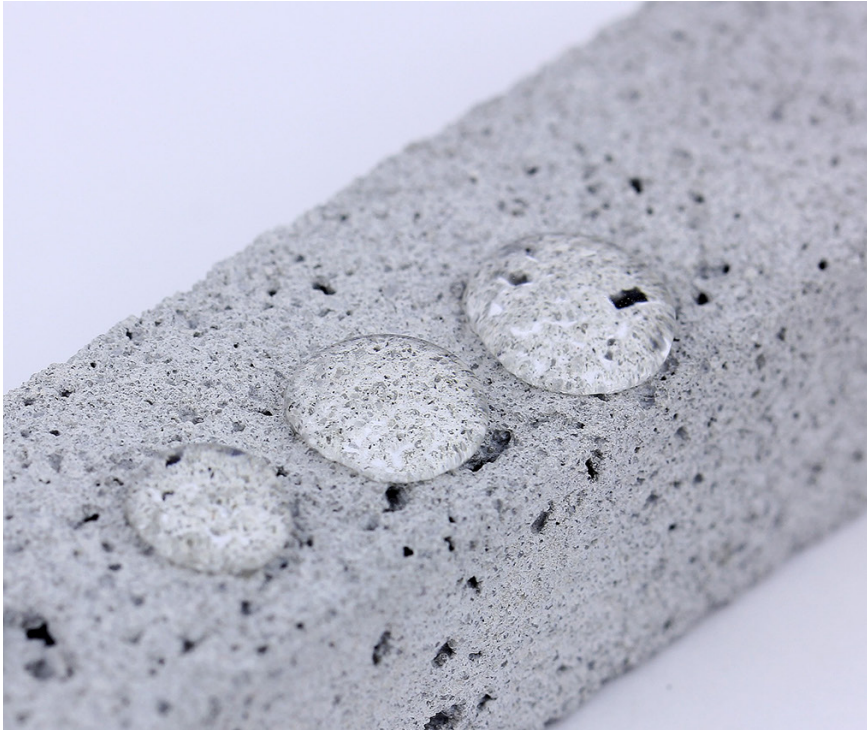
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# ersto PLAST

WATER-RESISTANT **RESTORATION RENDER**

Functional mineral system for  
moisture and salt regulation in  
masonry.

Stabilizes moisture-damaged  
masonry. Regulates moisture.  
Developed for durable and resilient  
building structures.



## PRODUCT PROFILE

erstoplast is a high-performance cement-based renovation system designed for the regulation of moisture and salt contamination in mineral masonry.

The system was specifically developed for damp, water-saturated and moisture-exposed structures and supports long-term stable, dry and durable wall conditions.

Thanks to its vapor-permeable and capillary-active material structure, erstoplast regulates moisture within the building component, reduces salt-related deterioration and creates a functional substrate for further system applications.

The system is suitable for both interior and exterior use, including building-physics-sensitive renovation areas.

## DEVELOPED FOR MOISTURE- & SALT-AFFECTED PROBLEM AREAS

Moisture and salt contamination are among the most common causes of damage to masonry and plaster systems.

Basements, plinth areas and ground-contact structures are particularly affected.

This is exactly where erstoplast is designed to perform.

The mineral system supports the stabilization of masonry under increased moisture exposure and improves the long-term building-physics performance of the surface.

## MOISTURE REGULATION & SUBSTRATE STABILIZATION IN ONE SYSTEM

Regulation of Moisture Within Masonry

**The specially engineered material structure supports:**

- controlled absorption and distribution of moisture
- vapor release from the building component
- reduction of capillary moisture exposure
- more stable and drier wall conditions

## VAPOR-PERMEABLE SYSTEM TECHNOLOGY

Despite its high resistance to water exposure, erstoplast remains vapor permeable.

**This helps to:**

- allow moisture to escape from the substrate
- reduce moisture accumulation within the wall structure
- maintain building-physics-active components



## SALT MANAGEMENT & SUBSTRATE STABILITY

erstoplast supports the regulation of salt-loaded substrates and reduces the damaging effects of crystallizing salts within the masonry.

At the same time, the mineral structure provides:

- high adhesive strength
- compressive stability
- crack resistance
- durable and resilient surfaces

## TECHNICAL CLASSIFICATION

erstoplast is neither a conventional renovation plaster nor a normative structural waterproofing system.

It is a functional mineral system designed for the regulation and stabilization of moisture- and salt-affected building components and can — depending on substrate and system setup — also be used in areas exposed to increased water loads.

When professionally applied, the system demonstrates high resistance to both positive and negative water pressure.

# SYSTEM VARIANTS

## 01 erstoplast COARSE

Mineral base plaster with a robust structure for higher layer thicknesses and heavily stressed substrates.

### Features

- coarse texture
- high compressive stability
- layer thickness approx. 10–20 mm
- ideal as a base and leveling layer

## 02 erstoplast FINE

Fine-textured finishing and smoothing plaster for smoother surface appearances.

### Features

- finer surface finish
- vapor permeable & water resistant
- layer thickness approx. 3–5 mm
- ideal preparation layer for further coatings



## FEATURES & BENEFITS

- vapor permeable & capillary active
- suitable for moisture- and salt-loaded substrates
- high resistance to water exposure
- durable & crack-resistant
- suitable for interior & exterior applications
- mineral-based & system compatible
- VOC-free
- suitable for technical & sensitive environments
- compatible with all ERST coating systems
- long-term functional stability

## TYPICAL AREAS OF APPLICATION

### Buildings & Renovation Areas

- basement walls
- plinth zones
- ground-contact building components
- renovation & historic building projects
- moisture-affected interior walls

### Technical & Water-Exposed Areas

- technical rooms
- pump shafts
- water-exposed functional areas
- rainwater retention structures
- industrial & commercial buildings

### Particularly Suitable for:

- moisture-saturated masonry
- salt-contaminated substrates
- periodically water-exposed building components
- splash water & driving-rain exposed areas

### Part of the ERST System for Moisture Control, Mold Prevention & Building Physics

erstoplast forms the functional foundation of numerous ERST system solutions.

## RECOMMENDED SYSTEM COMBINATIONS

| Problem Area                         | Recommended Combination                     |
|--------------------------------------|---------------------------------------------|
| Mold-prone interior surfaces         | erstoplast + erstomould                     |
| Thermal bridges & condensation       | erstoplast + erstotherm                     |
| Moisture & ventilation deficiencies  | erstoairst                                  |
| Facade protection & microbial growth | erstoplast + erstoalgae                     |
| Durable interior surface systems     | erstoplast + erstomould or mineral coatings |

## APPLICATION

erstoplast can be flexibly integrated into renovation and moisture-protection concepts.

### Surface Preparation

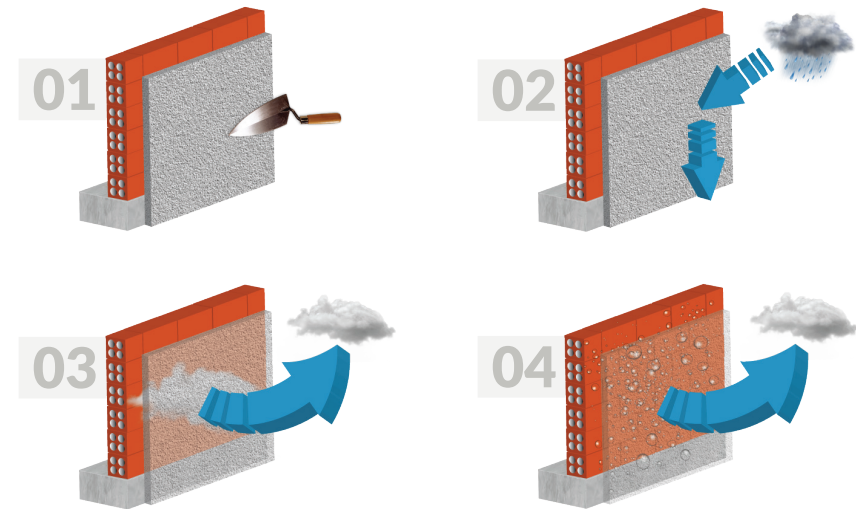
- stable and clean substrate required
- removal of loose material & salt efflorescence
- pre-wetting of the substrate
- roughening of smooth surfaces where necessary

## APPLICATION PROPERTIES

- mineral multi-layer system possible
- suitable for damp & wet substrates
- durable and resilient surface structure
- suitable for interior & exterior use

## TECHNICAL OVERVIEW

| Property            | Description                        |
|---------------------|------------------------------------|
| Binder              | Cement-based specialty formulation |
| Variants            | Coarse & fine                      |
| Vapor permeability  | Highly vapor permeable             |
| Moisture resistance | High water resistance              |
| Area of application | Interior & exterior                |
| VOC                 | VOC-free                           |
| Application         | Mineral multi-layer system         |



## FAQ

### Can erstoplast be applied to damp or wet walls?

Yes. The system was specifically developed for moisture-exposed substrates.

### Is erstoplast a conventional waterproofing system?

No. erstoplast is a mineral system designed for moisture and salt regulation as well as masonry stabilization.

### Can erstoplast be combined with other ERST systems?

Yes. The system is fully compatible with the ERST system portfolio.

### Can erstoplast be overcoated?

Yes, for example with erstomould, erstoalgae, erstophob or other approved coating systems.

### Is an additional horizontal barrier still necessary?

This depends on the specific damage pattern and the underlying source of moisture.

**ERST – System Solutions for Moisture Protection, Building Physics & Renovation**  
Scientifically grounded. Proven in practice. Designed for long-term performance.



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