

Technical Data Sheet (For Testing Purposes)

FP Construction®
Típus: FP Plaster 200

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This document contains the Technical Data Sheet for the FP Construction® product - FP Plaster 200 (Breathable Mineral Renovation Plaster for Damp and Salt-Contaminated Masonry). In its current form, the product has been developed exclusively for internal testing purposes and is not considered a commercially marketed final product. The purpose of this document is to provide comprehensive technical and application-related information to support the evaluation of the product.

Yours sincerely,



István Flösser
Head of Production and R&D



1.Scope of Application

FP Plaster 200 is a factory-produced, pre-mixed mineral renovation plaster developed for the restoration of damp, salt-contaminated, and deteriorated masonry. The product serves as the core plaster layer within the FP Plaster Renovation System. It is applied over the FP Plaster 100 bonding and splatter coat and, where required, may be finished with FP Plaster 300 mineral finishing plaster.

FP Plaster 200:

- forms a vapor-permeable plaster layer,
- promotes the natural drying of masonry,
- reduces the risk of moisture-related deterioration,
- is suitable for the renovation of salt-contaminated masonry,
- is fully compatible with all components of the FP Plaster Renovation System.

Suitable applications include:

- renovation of damp and salt-damaged masonry,
- restoration of walls affected by rising damp,
- application on brick, natural stone, adobe, and mixed masonry substrates,
- interior and exterior use,
- renovation of residential, public, and heritage buildings.

2.Product Description

FP Plaster 200 is a cement-based mineral renovation plaster. The product is designed to:

- ensure vapor transmission between the masonry and the surrounding environment,
- reduce the effects of moisture and salt contamination,
- provide the required plaster thickness within the renovated structure,
- create the functional plaster layer of the FP Plaster Renovation System.

The resulting plaster layer remains vapor permeable, thereby supporting the natural moisture-regulating behavior of the masonry.

3.Mixing Instructions

For a 25 kg bag:

- Pour the required amount of clean water into the mixing container (mixing water: approximately 4.0–5.0 liters per 25 kg bag).
- Gradually add FP Plaster 200 while continuously mixing.
- Mixing time: approximately 5 minutes.
- The prepared material remains workable for approximately 2–3 hours.
- For larger quantities, the use of a drum mixer is recommended.

The addition of any foreign admixtures or additives to the product is not permitted!

4. Application

General Requirements

- The recommended application temperature range is between +5 °C and +30 °C.
- The substrate must be sound, clean, and free from dust and contaminants.
- Any damaged, loose, or detached plaster must be removed prior to application.
- The substrate must be pre-moistened before application.
- No continuous water film may remain on the surface.
- For damp and salt-contaminated masonry, the use of FP Plaster 100 bonding and splatter coat is recommended.

Manual Application

The material should be applied using conventional plastering techniques. The applied plaster should be spread to the required thickness, then levelled with a straightedge to achieve a uniform surface. Where greater thickness is required, the plaster may be applied in multiple layers.

5. Recommended Layer Thickness

Recommended plaster thickness: **20–30 mm**

For masonry with high salt contamination or significant surface irregularities, the required plaster thickness may be increased as necessary.

6. Waiting Time

FP Plaster 200 must be allowed to cure adequately before the application of subsequent layers or the final FP Plaster 300 finishing coat.

The required waiting time depends on:

- the applied layer thickness,
- ambient temperature,
- relative humidity,
- the moisture content of the substrate.

7. Curing and Protection

Freshly applied plaster must be protected from:

- direct sunlight,
- precipitation,
- frost,
- strong air movement or drafts.

In hot and dry weather conditions, appropriate measures must be taken to prevent excessively rapid drying of the plaster.

8. Final Surface Finish

The surface of FP Plaster 200 may be finished directly by smoothing or coated with FP Plaster 300 mineral finishing plaster. As the final finish of the system, only vapor-permeable coatings are recommended.

Recommended:

- lime-based paints,
- silicate paints,
- mineral coatings,
- other vapor-permeable paint systems.

Not recommended:

- vapor-tight coatings,
- thick acrylic or polymer dispersion coatings,
- waterproof or moisture-blocking surface finishing systems.

9. Cleaning

Tools and equipment must be cleaned with water immediately after use.

Once hardened, the material can only be removed by mechanical means.

10. Storage

- Store in a dry place.
- Protect from moisture and precipitation.
- Store in the original, unopened packaging.
- Storage on pallets is recommended.
- Shelf life: 12 months from the date of manufacture when stored under the recommended conditions.

11. Important Information

- Mix only with clean water.
- The addition of any other admixtures or additives is not permitted.
- The finished plaster layer remains vapor permeable.
- For optimum system performance, application in combination with FP Plaster 100 and FP Plaster 300 is recommended.
- FP Plaster 200 may only be applied to mineral-based substrates.

12.Key Benefits

- High vapor permeability
- Developed specifically for damp and salt-contaminated masonry
- Promotes the natural drying of masonry
- Fully compatible with the FP Plaster Renovation System