

Technical Data Sheet (For Testing Purposes)

FP Construction®
Típus: FP Plaster 300

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This document contains the technical data sheet of the FP Construction® product – FP Plaster 300 (Breathable Mineral Finishing Plaster for the FP Plaster Renovation Plaster System). 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 300 is a factory-produced, pre-mixed mineral finishing plaster developed as the final surface finishing layer of the FP Plaster Renovation Plaster System. The purpose of the product is to seal, smooth, and aesthetically finish the surface of the renovation plaster while maintaining the vapor-permeable properties of the system.

FP Plaster 300:

- provides a smooth and uniform final surface,
- enhances the aesthetic appearance of the finished surface,
- forms a vapor-permeable finishing layer,
- is fully compatible with the FP Plaster Renovation Plaster System,
- is suitable for receiving paint finishes or other vapor-permeable coatings.

Suitable applications include:

- as the final finishing coat for FP Plaster renovation plasters,
- within renovation systems for damp and salt-contaminated masonry,
- on interior and exterior surfaces,
- in residential, public, and heritage restoration projects,
- for smoothing mineral-based plaster surfaces.

2. Product Description

FP Plaster 300 is a cement-based mineral finishing plaster.

The product is designed to:

- create a smooth and homogeneous surface,
- improve the final appearance of renovation plaster systems,
- ensure the continuity of the vapor-permeable layer build-up,
- provide a suitable substrate for vapor-permeable paints and coatings.

The finished surface 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 5.5–6.5 liters per 25 kg bag).
- Gradually add FP Plaster 300 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 strictly prohibited!

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.
- Prior to applying the finishing plaster, the substrate should be lightly pre-moistened if necessary.
- No continuous water film may remain on the surface.
- The finishing coat may only be applied to properly cured FP Plaster renovation plaster.

Manual Application

The material should be applied using a stainless-steel trowel or finishing trowel. The plaster should be spread evenly to the required thickness and smoothed until the desired surface finish is achieved. The final surface texture may be finished using a sponge float or conventional finishing tools.

Machine Application

FP Plaster 300 can also be applied using suitable spray or mechanical application equipment. Following machine application, the surface must be finished manually by trowelling to achieve the required final appearance.

5. Recommended Layer Thickness

Recommended layer thickness: **2–3 mm**

The finishing coat is not intended to replace the base plaster layer and is designed exclusively for final surface finishing.

6. Waiting Time

The finishing coat may only be applied to properly cured FP Plaster renovation plaster.

The required waiting time depends on:

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

Any subsequent coatings or finishes may only be applied after the finishing coat has completely dried.

7. Curing and Protection

The freshly applied surface must be protected from:

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

In conditions of high temperatures or strong air movement, appropriate measures must be taken to prevent excessively rapid drying of the material.

8. Final Surface Finish

Only vapor-permeable coatings are recommended for application over FP Plaster 300.

Recommended:

- lime-based paints,
- silicate paints,
- mineral coatings,
- other vapor-permeable finishing 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 strictly prohibited.
- The product may only be applied to mineral-based substrates.
- The purpose of the finishing coat is surface finishing and texture formation, not structural levelling or correction.
- The finished surface remains vapor permeable.