

FP PLASTER

CONFIGURABLE MINERAL PLASTER SYSTEM FOR RENOVATION, HERITAGE
AND MOISTURE-MANAGED MASONRY

What is FP Plaster?

FP Plaster is FullSulate's **configurable mineral plaster system** for masonry surfaces, built on **FP additives®** technology. It combines three coordinated components – a bonding / substrate-preparation coat, a core plaster layer and a finishing layer – adaptable to the substrate, moisture condition, salt exposure and surface finish required by the project.

Application areas



General mineral-based plastering for interior and exterior use



Renovation of moisture- and salt-loaded masonry



Historic and heritage masonry structures



Vapour-permeable plaster for basement walls and older foundations



Levelling of brick, mixed masonry, stone and natural masonry surfaces



Skim coats and final finishing plasters



Surface and finishing layer for FP Wall applications



Interior plaster systems with demanding moisture-management requirements

CORE ADVANTAGES

- Maintains **vapour permeability** together with water-repellent performance – no hermetic sealing.
- Adaptable, **controlled porous structure** for moisture- and salt-loaded masonry.
- **Three-component system** (bonding, core, finish) lets adhesion, mechanics and surface be optimised independently.
- **100% mineral-based**, resin-free system logic.
- Compatible with **FP Wall** for a unified mineral wall build-up.
- Compatible with **FP Water Block** as an additional water-repellent surface coating (currently in testing).
- Available as **premix for pilots** or as **FP additives® + local raw materials** for licensed, localized production at scale.



FP PLASTER

**CONFIGURABLE MINERAL PLASTER SYSTEM FOR RENOVATION, HERITAGE
AND MOISTURE-MANAGED MASONRY**

SYSTEM COMPONENTS

FP Plaster 100	Splash coat / bonding bridge / substrate preparation layer
FP Plaster 200	Main plaster / core layer – carries the primary moisture-management and mechanical performance
FP Plaster 300	Finishing plaster / final surface-forming layer

INDICATIVE REFERENCE VALUES*

Flexural strength	up to approx. 4.5 N/mm ²
Compressive strength	up to approx. 14.2 N/mm ²
Capillary water absorption	as low as approx. 0.07 kg/(m ² ·min ^{0.5})
Water vapour diffusion resistance (μ)	up to approx. 13.9
Bond strength	up to approx. 0.20 N/mm ²
Working time	up to approx. 240 min

* Values above are indicative system references measured on tested FP Plaster formulations, not universally guaranteed values automatically applicable to every profile – they may vary upward or downward depending on the selected profile and application-oriented optimisation. Final design values are determined per project and formulation.

Positioning boundary

FP Plaster is not a waterproofing system and doesn't replace active waterproofing, structural correction of defective building details, or elimination of continuous water ingress. The moisture source should always be identified and addressed before application, on properly prepared masonry with a managed and understood moisture condition.

FullSulate provides **proprietary FP additives® technology, application-specific formulations, existing technical documentation and application support**. Approved configurations can be produced locally under a controlled licensing and quality-assurance model; the partner completes assembly-specific validation, certification and market localisation.

How does integration start?

1. Map the existing substrate, moisture condition and salt exposure.
2. Select the highest-value first application.
3. Configure and prototype the FP Plaster 100 / 200 / 300 system.
4. Define assembly-specific validation and certification requirements.
5. Compare the prototype with the current build-up and agree a pilot programme.

Important technical note

Final formulation, layer build-up & performance values are determined and validated for the partner's substrate, moisture condition and target market. Values above are indicative system references, not declared performance values for every profile.

LET'S IDENTIFY THE STRONGEST FIRST APPLICATION.

Share your current substrate condition and target market; together we can define a comparative prototype or pilot programme.