



# Stainer MP

## Mineral render

- Scraped texture
- Great breathability
- For internal and external surfaces

### PRODUCT DESCRIPTION

The **Stainer MP** mineral render is a ready-mixed dry compound for impressive decorative surfaces, such as on elevation or rustic interiors. The **Stainer MP** is very adhesive and easy to apply. The product is durable and resistant to weather conditions. It is breathable.

Conforms to ETA – 21/0304. Declaration of Performance No. STS–ETA/2021  
 Conforms to ETA – 20/0850. Declaration of Performance No. STW-ETA1/2021

### SUBSTRATE PREPARATION

The substrate has to be firm, clean, dry, freeze-free, and sound. Check the substrate strengths if it has old dispersion or synthetic-resin coatings. Infirm cement plaster, stucco, aerated concrete, sand-lime blocks, or breeze blocks have to be primed with the **Stainer UG** or **Stainer TG** if the base is very absorptive. Pay particular attention to hollow-sounding plaster, which has to be removed.

Walls with microbiological infestation should be cleaned with a mould remover. Prime the basecoat with a render primer.

The **Stainer MP** can be applied after 24 hours following priming. Mix the render with clean water (5 – 6 l per a 25 – kg bag) in a mixer or with a mixing paddle until homogeneous and lump-free. Let stand for approx. 5 min and mix again. Apply a grain-thick layer with a steel masonry trowel and trowel with a plastic plastering trowel until the entire surface is uniform. Protect the rendered surface from sunlight, rain, and wind (canvass on the scaffolding). The final structure depends mostly on the quality and type of the substrate. Make sure to maintain the same processing conditions (mixing time, consistency, water amount, rendering conditions). Plan the work so that a single delineated area is worked on in one work cycle (a wall, area separated with offsets, corners, or other boundary elements). Follow general good construction practices during work. The **Stainer MP** can be spray applied. The **Stainer MP** can be painted after approx. 7 days at + 20°C and relative air humidity of 65%.

The render reaches its full mechanical strength after approx. 28 days. The drying and curing time may be longer in high air humidity or low temperature. The optimum working conditions: air, substrate, and product temperature should be between + 5°C and + 25°C. Other temperatures may have a negative impact on product properties. Note: Colour differences are still possible despite best efforts during production and rendering due to mineral binders and natural variations in raw material characteristics. The manufacturer is not liable for any differences. To minimise the risk of differences in appearance, apply the same batch number to a single, delineated surface. Pay particular attention to dosing water.

Any design and installation works should follow general construction practices. Conform to OSH regulations.

### CONSUMPTION

Consumption depends mostly on the quality and type of substrate and grain size. Grain/coverage

1.5 mm	2.3 – 2.8 kg/m <sup>2</sup>
2.0 mm	2.7 – 3.1 kg/m <sup>2</sup>

### TOOL CLEANING

Use water immediately after application.

### PACKAGING

25 kg, reinforced paper bags with double polyurethane film. Only completely empty bags can be recycled. Residue material can be considered construction waste

### STORAGE

Protect from moisture and store in a dry place in original packaging on pallets. Seal opened packaging. Shelf life: Twelve months from the manufacture date on the packaging.

### SUPERVISION

The product quality is monitored by a laboratory of the Production Facility in accordance with the European Technical Assessment ETA – 21/ 0304, ETA-20/0850 and applicable in-house quality control procedures.

### SAFETY GUIDELINES

Reacts with moist/water and produces strong alkali. Protect the skin and eyes. Contains cement. It may irritate the respiratory tract. Wear protective clothing (gloves, protective glasses). Rinse thoroughly after contact with the skin/eyes. Seek medical attention if necessary.

### SPECIFICATION

Components: dry cement and sand mix with mineral additives, modifiers, and slaked lime.

Grain	up to 1.5 mm or 2.0 mm
Compressive strength	> 3 MPa
Flexural strength	approx. 1.5 MPa
Water vapour diffusion resistance factor	$\mu < 9$
Capillary action	$W_2$
Water amount	5 – 6 l / 25 kg
Open time	2 – 2.5 h
Application temperature	from + 5°C to + 25°C
Drying time	approx. 7 days, full strength after 28 days.
Expiry date	12 months following production

### ADDITIONAL INFORMATION

The information above is the product description. It should be considered general guidelines based on our research and practical experience, which does not take into account requirements related to a specific application. Therefore, it is recommended to test the product first. Product parameters may slightly change within the declared product class, which does not impact the performance and work with the product. The information provided may not be ground for any compensatory claims.

The product that is the subject of this data sheet is a component of a thermal insulation system. Only materials listed in the European Technical Assessment can be used for the thermal insulation system. This applies to all system components, including insulating materials, meshes, and fixtures. The manufacturer declares that the specified performance is ensured if solely those components specified in the system and in the prescribed configuration are used.

This data sheet replaces all previous ones. Reference documentation for the product is available at [www.stainer.pl](http://www.stainer.pl)

#### REFERENCE DOCUMENTS:

The **Stainer MP** conforms to:

European Technical Assessment ETA-21/0304

Declaration of Performance: STS-ETA/2021

Manufacturing Quality Control Certificate 1487-CPR-168-02 issued by the Łukasiewicz Research Network, Kraków

European Technical Assessment ETA-20/0850

Declaration of Performance: STW-ETA1/2021

Manufacturing Quality Control Certificate 1487-CPR-168-01 issued by the Łukasiewicz Research Network, Kraków