

## Technical Information

# Fasakril Mineral PLASTER

## Product description

**FASAKRIL MINERAL PLASTER** is a cement-lime dry mortar, in smoothed (granular) - Z or grooved - R structure for the treatment of external and internal wall surfaces.

### Features:

- Excellent adhesion to the substrate
- Easy to apply
- Vapour permeable
- Water repellent
- Weather and UV resistant
- Resistant to scrapping and impact

## Purpose

It is used as a final structural plaster, for facades on basic substrates, levelling compounds, concrete surfaces and as a final layer in a thermal insulation system.

## Surface preparation

The substrate must be clean, solid, dry, free of dust, unfrozen and with load capacity, free of greasy stains and other impurities. Mechanically remove crumbling and falling parts from old surfaces. Protect carpentry, glass and metal before starting work. Apply FASAKRIL Plaster Undercoat GRUND, which achieves an even (uniform) appearance of the surface. After 24 hours of drying, apply FASAKRIL Mineral PLASTER.

## Working conditions

- The optimum operating temperature is from +10°C to +30°C.
- It must not be applied at temperatures below +5°C or above +35°C and humidity higher than 80%.  
The above conditions refer to the space, the substrate and the material itself.
- Do not work in rain, fog, directly exposed to strong sun and wind.
- High humidity and low temperatures can prolong the drying time of the material.



## TOOLS CLEANING

Immediately after use, the tool should be thoroughly washed with water. If the tool is not washed immediately after use, remove hardened residues mechanically. Removal can be facilitated by immersing the tool in water for several hours.

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**Instructions for application**

Add FASAKRIL Mineral Plaster 25 kg into cca 6 L of water with continuous stirring using an electric mixer, until the mass becomes homogenous. Leave the prepared mass for 10 minutes stir once and, if necessary, add water to adjust the appropriate consistency. Then stir again until homogeneous. Apply by hand, evenly with a stainless steel trowel in the thickness of the largest grain or spray by machine with a suitable machine.

FASAKRIL Mineral Plaster Z should be immediately circularly structured with a plastic trowel until uniform in texture.

Apply FASAKRIL Mineral Plaster R after a short drying, with a plastic trowel to the desired structure: circular, vertical or horizontal.

Work evenly and without interruption.

The plaster is dry to the touch after 6-10 hours, and after 24 hours the surface no longer needs to be protected from precipitation. Low temperatures and high humidity can significantly extend the drying time. In such conditions, the surface needs to be protected longer from precipitation.

We recommend that you use the same batch for one side of the facade or mix several bags of plaster with each other. When reproducing the shade in FASAKRIL Mineral Plaster, slight deviations between batches are possible due to differences in the structure and granulation of the plaster and different drying conditions.

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### Note

Used in a product system with:

**FASAKRIL Adhesive for EPS Basic PRIME**

**FASAKRIL Adhesive for EPS and Mesh Reinforcement Universal UNI**

**FASAKRIL Plaster Undercoat GRUND**

The technical data are given in order to achieve optimal results by using products manufactured by HELIOS Srbija a.d. Contact our technical service for any additional information. The manufacturer reserves the right to make changes.

### Technical data

Composition:	White cement, polymer powder, lime, mineral fillers, appropriate additives.
Shade:	White plaster.
Bulk density, kg/m <sup>3</sup> :	1400 - 1500
Volatile matter at 105 ° C, %:	Max. 0.2 – 0.7
pH:	11 - 13
Consumption:	1.5 mm Z: ~ 2.3 kg/m <sup>2</sup> 2.0 mm Z: ~ 2.7 kg/m <sup>2</sup> 1.5 mm R: ~ 2.2 kg/m <sup>2</sup> 2.0 mm R: ~ 2.5 kg/m <sup>2</sup>
Water mixing ratio:	25 kg : 6 L (water)
Method of application:	Stainless steel trowel, air spray.
Drying (t = + 20°C, rel. hum. 65%):	Dry to the touch after 6-10 h; Resistant to rain after 24 h.
Water vapor diffusion coefficient, μ:	≤ 20
Capillary water absorption:	W0
Adhesion to concrete substrates:	> 0.5 Mpa
Packaging:	Natron bag 25 kg.
Storage and shelf life:	Originally sealed product, stored in a dry place, protected from direct sunlight and freezing (+5°C to +30°C) is usable until the date marked on the packaging.