

KEIM AquaROYAL®-Mineralputz Hydro-active finishing plaster for AquaROYAL-ETIC-systems



1. Product description



KEIM AquaROYAL-Mineralputz is a mineral, hydro-active premium plaster used as a covering plaster for AquaROYAL-systems MW and EPS.

KEIM AquaROYAL-Mineralputz is a factory-produced dry mortar CR according to DIN EN 998-1 (firmness category / mortar group CS II/P Ic).

2. Field of application

KEIM AquaROYAL-Mineralputz is used as finishing plaster for AquaROYAL-systems MW and EPS.

3. Product properties

- Hydro-active effect for optimised, toxic-free algae prevention
- Optimised moisture absorption, retention and emission in the AquaROYAL system structure
- Without the addition of biocides
- High water vapour permeability
- Excellent processing properties

Material characteristics

- Water absorption ($\text{kg/m}^2\text{h}^{0.5}$): $w < 0.5$
according to DIN EN ISO 15148
- Diffusion resistance μ : approx. 15

Colour shade

Natural white and KEIM Palette exclusiv, luminosity ≥ 30 (applies only to rough and grooved plaster. Smooth plaster only in natural white).

Please note

Do not add any additives to the mortar.

4. Application instructions

Substrate preparation

KEIM AquaROYAL-Mineralputz can be applied on KEIM AquaROYAL-Armierungsmörtel as a substrate without further priming after an appropriate standing time.

Application

Mix bag content (25kg) with approx. 5.0 - 6.5 litres of clean water depending on the plaster structure and stir thoroughly. The prepared plaster should be of a creamy consistency. KEIM AquaROYAL-Mineralputz can also be mixed with all customary plastering machines. Apply the mixed mineral plaster in rough or grooved plaster structure with a stainless steel trowel, strip down to grain size and rub in. Apply the prepared mineral plaster in smooth plaster structure in a layer thickness of 3-4 mm and structure or felt.

To prevent edges, do not work with various tools, always work wet-on-wet and do not process already applied surfaces again. For the prevention of scaffold edges work simultaneously – offset in scaffold layers.

Application conditions

Above + 5°C air and object temperature during application and drying!

Protect plaster areas against direct sunlight, rain and wind through appropriate measures. Separate adjoining construction elements from the plaster system.

Consumption

Rough 2 mm:	approx. 2.3 kg/m ²
Rough 3 mm:	approx. 3.1 kg/m ²
Grooved 2 mm:	approx. 2.6 kg/m ²
Grooved 3 mm:	approx. 3.1 kg/m ²
Smooth plaster:	approx. 3.5 kg/m ² at 3 mm layer thickness

These consumption values are reference values without commitment.

Subsequent coat

KEIM AquaROYAL-Mineralputz must be coated with two layers of KEIM AquaROYAL-Color in any case.

Luminosity of the coating ≥ 30 on smooth plaster, ≥ 20 on rough and grooved plaster. Observe a standing time of at least 5 days prior to coating.

Cleaning of tools

Clean with water immediately after use.

5. Packaging

25 kg bag
Silo on request



6. Storage

Shelf life is approx. 12 months if kept cool, frost-free and dry in originally closed container.

7. Hazardous substances ordinance class

Xi Irritant

- R 37/38: Irritating to respiratory system and skin.
R 41: Risk of serious damage to eyes.
S 2: Keep out of reach of children.
S 22: Do not breathe dust.
S 24/25: Avoid contact with skin and eyes.
S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
S 46: If swallowed, seek medical advice immediately and show this container or label.

8. Transport hazard class

n/a

9. Disposal

EC Waste Code No. 17 01 01.

10. Safety instructions

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, ceramics, etc.). Lime and cement have an alkaline action. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. Keep out of reach of children.

Product code: ZP 1

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