



## TECHNICAL DATA SHEET

# KEIM MINERALPUTZ

## 1. PRODUCT DESCRIPTION

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KEIM Mineralputz as a high-quality mineral thin-layer lightweight plaster is a factory-produced dry mortar CR according to DIN EN 998-1, based on mineral binders and high-grade fillers.

## 2. FIELD OF APPLICATION

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Top coat for KEIM The ETIC systems have a general building authority approval. For fire behaviour and structure, see General construction technique permit / national technical approval: Z-33.43-185; Z-33.4.1-45; Z-33.41-188; Z-33.47-727

In addition, KEIM Mineralputz is also ideally suited as finishing plaster for all mineral substrates, provided they are even and not too rough.

## 3. PRODUCT PROPERTIES

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- optimal machinability provides high material throughput
- mineral
- permeable
- fire behaviour: non-flammable (A1)

### MATERIAL CHARACTERISTICS:

- Maximum grain size: 5 mm

### CLASSIFICATION:

- Classification according to: DIN EN 998-1
- Plaster type: CR
- Test standard compressive strength: DIN EN 1015-11
- Adhesive tensile strength:  $\geq 0,08 \text{ N/mm}^2$
- Fracture pattern Adhesive tensile strength: A,B,C
- Test standard Adhesive tensile strength: DIN EN 1015-12

### COLOUR SHADES:

natural white

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues and must not be too absorbent.

### PREPARATION OF MATERIAL / MIXING & CONVEYING:

Mix KEIM Mineralputz with approx. 5,8 - 8.5 l (specification per bag) of clean water with a power stirrer to a stiff-plastic consistency without lumps and allow to mature briefly. Do not remix already stiffened material with water. KEIM Mineralputz can be applied by machine. Mortar pumps with variable flow rates are suitable for this purpose. The maximum conveying length should not exceed 20 m.

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### APPLICATION:

Apply mixed KEIM Mineralputz quickly with suitable tools in uniform layer thickness. To avoid build-up, always work through quickly, wet on wet. Always apply only the same batch no. in one area. If possible, the total requirement for one project should be ordered, which can be called off in partial quantities if necessary.

### TOP RENDER:

After applying KEIM Mineralputz, the surface must be rubbed down and smoothed with either a plastic or steel trowel. KEIM Mineralputz can also be individually structured instead of triturated. Plaster designs such as comb or broom finish should be determined on the basis of sample surfaces. Possible influences on the subsequent colour design or later soiling tendency of the finished surface should be taken into consideration.

### AFTERTREATMENT:

KEIM Mineralputz must be protected from drying out too quickly due to sun or wind, or kept moist if necessary.

### FINISHING:

Subsequent coat: KEIM Mineralputz can be coloured by applying two coats of KEIM Soldalit. Use in the KEIM AquaROYAL system is only possible with a subsequent double coat of KEIM AquaROYAL Color. Neutralisation of the plastered surfaces by means of KEIM Etching Liquid is recommended for use within the KEIM AquaROYAL system.

With mineral plasters, slight colour deviations and irregularities may occur due to weathering, which are a product characteristic and are not to be objected to. For optical reasons, at least one coat of KEIM equalising paint must therefore be applied.

### CONSUMPTION:

approx. 5 kg/m<sup>2</sup>

These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

### CLEANING OF TOOLS:

Clean tools, machines and mixers immediately after use with water. In hardened state only a mechanical removal is possible.

## 5. PACKAGING

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Container content	Unit of measure	Quantity on pallet	Type of container
25	kg	30	bag

## 6. STORAGE

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max. storage time	Storage conditions
12 months	dry cool

## 7. DISPOSAL

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For disposal information refer to section 13 of the safety data sheet.

### EC WASTE CODE:

Waste code: 17 01 01

## 8. SAFETY INSTRUCTIONS

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Please, refer to the Material Safety Data Sheet.

**GISCODE:**

GIS code: ZP 1

### 9. GENERAL INFORMATION

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With mineral plasters, slight colour deviations and irregularities may occur due to weathering, which are a product characteristic and are not to be objected to. For optical reasons, at least one coat of KEIM equalising paint must therefore be applied. If possible, the total requirement for one project should be ordered, which can be called off in partial quantities if necessary.

Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.

Mixing with products not part of the system or other foreign additives is not permitted.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.