



TECHNICAL DATA SHEET

KEIM BRILLANTPUTZ

1. PRODUCT DESCRIPTION

KEIM Brillantputz 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

Top coat for KEIM external thermal insulation composite systems. 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; Z-33.43-857

In addition, KEIM Brillantputz is also ideally suited as finishing plaster for all mineral substrates, provided they are even and not too rough. As a smooth plaster, it is excellently suited for subsequent glazes.

3. PRODUCT PROPERTIES

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

CLASSIFICATION:

- | | |
|---|----------------------------------|
| - Classification according to: | DIN EN 998-1 |
| - Plaster type: | CR |
| - Compressive strength category: | CS II 1,5 -5,0 N/mm ² |
| - Test standard compressive strength: | DIN EN 1015-11 |
| - Adhesive tensile strength: | ≥ 0,08 N/mm ² |
| - Fracture pattern Adhesive tensile strength: | A,B,C |
| - Test standard Adhesive tensile strength: | DIN EN 1015-12 |
| - Water absorption class: | W2 |
| - Test standard Water absorption: | DIN EN 1015-18 |
| - Water vapour diffusion resistance number (μ-value): | ≤ 20 |

COLOUR SHADES:

White and according to the following colour cards:
KEIM Palette Exclusiv
Minimum order quantity of tinted material 150 kg.

COLOUR SWATCHES:

- KEIM Palette Exclusiv

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.

APPLICATION CONDITIONS:

Ambient and substrate temperature ≥ 5 °C during application and drying. Do not apply in direct sunlight or on sun-heated substrates. Protect surfaces from direct sun, wind and rain during and after application.

PREPARATION OF MATERIAL / MIXING & CONVEYING:

KEIM Brillantputz Mix with clean water using a stirrer to a stiff-plastic consistency without lumps and allow to mature briefly. Do not mix material that has already stiffened with water again under any circumstances.

Water quantities:

Smooth plaster: 6.5 – max. 10 litres /25 kg

Rough plaster: approx. 5.8 – max. 8.5 litres /25 kg

Grooved plaster: approx. 5.0 – max 7.5 litres /25 kg

TOP RENDER:

Rough and grooved plasters: Apply mixed KEIM Brillantputz with a stainless steel trowel to approximately grain thickness. After applying KEIM Brillantputz, the surface must be rubbed down and smoothed with either a plastic or steel trowel.

Smooth plaster: Apply mixed KEIM Brillantputz smooth plaster in a layer thickness of approx. 3 mm. Texture or smooth the smooth plaster with a trowel and felt with a fine, soft sponge board after approx. 1 – 3 hours, depending on the weather.

Note: 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. All plasters can also be individually structured instead of being rubbed or felted. 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 Brillantputz must be protected from drying out too quickly due to sun or wind, or kept moist if necessary.

FINISHING:

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:

Rough plaster 2 mm: approx. 2.2 kg/m²

Rough plaster 3 mm: approx. 3.0 kg/m²

Grooved plaster 2 mm: approx. 2.5 kg/m²

Grooved plaster 3 mm: approx. 3.0 kg/m²

Smooth plaster: approx. 3 - 4 kg/m² applies for 3 mm layer thickness

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

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

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6. STORAGE

max. storage time	Storage conditions
12 months	dry

7. DISPOSAL

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

EC WASTE CODE:

Waste code: 17 01 01

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

GISCODE:

GIS code: ZP 1

9. GENERAL INFORMATION

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.

10. CERTIFICATES & QUALITY SEALS



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.