

KEIM Brillantputz-Rauputz Rough plaster finish



1. Product description

KEIM Brillantputz-Rauputz is a high-quality, mineral thin-layer, lightweight plaster based on mineral binders and valuable fillers.

2. Field of application

Top coat for KEIM exterior thermal insulation composite systems. The ETIC systems are generally approved by the building authorities.

Fire behaviour and structure see approval No. Z-33.4.1-45, Z-33.43-185, Z-33.42-189, Z-33.44-188, Z-33.47-727 and Z-33.43-857. Furthermore, it is optimally suitable as a finishing plaster for all mineral substrates if they are even and not too rough.

3. Product properties

Water absorption:	$w < 0.5 \text{ kg/m}^2 \cdot \text{h}^{0.5}$
Diffusion resistance:	$s_d \leq 0.1 \text{ m}$
Grain size:	2 mm, 3 mm and 5 mm
Colour shade:	Natural white and selection according to KEIM Palette exclusiv, luminosity ≥ 30 on ETICS.

4. Application instructions

Substrate preparation

The substrate must be smooth, dry, sound and free of adhesion diminishing residues and should not absorb too strongly.

Without pretreatment:

- KEIM Pulverkleber-90
- KEIM Armierungsmasse-100
- KEIM Universalputz

Priming with KEIM Putzgrund:

- Mineral plasters PII and PIII according to DIN V 18550
- Gypsum plasters and gypsum plasterboards

Application

Initially provide approx. 5.8 litres of water for 1 bag (25 kg) and increase the amount of water until the plaster shows a creamy consistency, but not more than 8.5 l per bag.

Provide the corresponding amount of water in an appropriate container (e.g. mortar tub), intersperse

KEIM Brillantputz-Rauputz, stir in homogeneously with a motor blunger, which does not run too fast and stir well for a few minutes. The prepared mortar should have a creamy consistency.

Apply the prepared KEIM Brillantputz-Rauputz with a stainless trowel, strip down to grain size and rub in.

For the prevention of streaking always work wet-on-wet. Always work with the same batch number in one area.

Machine processing

KEIM Brillantputz-Rauputz can also be mixed with a continuous mixer. The amount of water has to be adjusted according to the processing consistency. Prior to manual application of the plaster, stir again briefly with a motor blunger to achieve optimum processing consistency.

Mortar pumps with variable flow rates are suitable for the machine application of plaster mixed in a continuous mixer. After application the plaster should be stripped down to grain size and rubbed immediately with a plastic or steel trowel.

Application conditions

From +5° C air- and substrate temperature during application and drying. Do not process in direct sunlight or on substrates heated by the sun. Protect application areas during processing and after application against wind and rain by means of appropriate measures.

Consumption values

Rough plaster 2 mm:	approx. 2.2 kg/m ²
Rough plaster 3 mm:	approx. 3.0 kg/m ²
Rough plaster 5 mm:	approx. 5.0 kg/m ²

Please note:

When using coloured mineral plaster, slight deviations of colour shade and irregularities can appear due to weathering which are product features and cannot be complained about. Due to optical reasons a coating with KEIM Egalisationsfarbe has to be applied. To minimise fluctuations in colour shades caused by different batch numbers, the whole requirement for one object should be ordered at once if possible. It can be requested in sub-quantities if necessary.

Coating

Prior to coating observe a standing time of at least 5 days. A single layer of KEIM Egalisationsfarbe is sufficient for coloured plasters. KEIM Brillantputz-Rauputz white can be designed in different colour patterns with a double-layered coating of KEIM Soldalit.



5. Packaging

25 kg bag
Silo on request

6. Storage

Shelf life is approx. 12 months if kept dry, cool, but frost-free in tightly closed containers. Protect from moisture.

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.

After contact with water and after hardening the product can be disposed of as building rubble.

10. Safety instructions

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, ceramics, natural stone, etc.) Protect the eyes and skin from splashes. Keep out of reach of children.

Low in chromate according to TRGS 613

Giscode: ZP 1

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 those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.

