



TECHNICAL DATA SHEET

KEIM BRILLANTPUTZ GLATTPUTZ

1. PRODUCT DESCRIPTION

KEIM Brillantputz Glattputz is a high quality, mineral thin layer, lightweight smooth render made from mineral binders and high-quality fillers.

2. FIELD OF APPLICATION

Suitable as a finishing render for all level mineral substrates and as a top coat for KEIM Universal Render. Suitable for subsequent application of KEIM Mineral Paints.

3. PRODUCT PROPERTIES

- Water absorption: $w < 0.5 \text{ kg/m}^2 \text{ h}^{0.5}$
- Diffusion resistance: $s_d \leq 0.1 \text{ m}$
- Grain size: 1 mm

Colour shades

White and KEIM's Palette exclusiv colour swatches.

4. APPLICATION INSTRUCTIONS

Substrate preparation

All loose, flaking and unstable material must be identified and then thoroughly removed, all surfaces must be thoroughly washed down with clean cold water to remove all surface dirt and dust. When all surfaces are clean, sound, wind dry, dust free and free from all surface contaminants, application of KEIM Brillantputz Glattputz may proceed.

Application

Initially use approx. 6.5 litres of water for 1 bag (25kg) and increase the amount of water until the render shows a creamy consistency, but not more than 10lt per bag.

Mix using a mechanical stirrer or plaster mixing machine/sprayer, e.g. Putzmeister or similar. After a waiting time of a few minutes stir again briefly.

Apply the prepared KEIM Brillantputz Glattputz in a layer thickness of approx. 3mm, structure or smooth with a stainless-steel trowel and felt with a fine, smooth sponge board after 1-3 hours depending on the weather.

To prevent streaking always work wet on wet. Always work with the same batch number in one area.

Machine processing

KEIM Brillantputz Glattputz can be mixed using a continuous mixer. The amount of water should be adjusted according to the processing consistency. Prior to manual application, stir again briefly using a mixer to achieve the required consistency.

Mortar pumps with variable flow rates are suitable for the machine application of render mixed in a continuous mixer.

After application the render should be floated or scraped down to the grain size and rubbed immediately with a plastic trowel.

Application conditions

Ambient and substrate temperature above 5°C and below 30°C. Do not apply in direct sunlight or onto sun-heated surfaces, nor if it is raining or if there is an immediate likelihood of rain.

Consumption

For 3mm layer thickness: approx. 3-4 kg/m²

The stated consumption values are for guidance and depend on the nature of the substrate and the application method. Exact consumption values can only be determined by trials on the substrate.

Please note:

When using coloured mineral render, slight deviations in colour shade and irregularities can appear due to weathering which are a feature of the product. To minimise fluctuations in colour shades due to different batch numbers, the render

requirement for one application should be ordered as one batch if possible.

Coating

KEIM Brillantputz Glattputz has to be coated with a single layer of KEIM Mineral Paint. Prior to coating observe a standing time of a minimum of 5 days.

5. PACKAGING

25kg sacks

6. STORAGE

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

7. DISPOSAL

EC Waste Code No. 17 01 01.

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

8. 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

Please, refer to the EC Material Safety Data Sheet

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.

