

## KEIM Brillantputz-Glattputz Smooth plaster finish



### 1. Product description

KEIM Brillantputz-Glattputz 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.

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

Particularly suitable for subsequent semi-transparent coatings.

### 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:	approx. 1 mm
Colour shade:	Natural white and selection according to KEIM Palette exclusiv, luminosity $\geq 30$ 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 plaster PII and PIII according to DIN V 18550
- Gypsum plaster and panels

#### Application

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

bag.

Provide the corresponding amount of water in an appropriate container (e.g. mortar tub), intersperse KEIM Brillantputz-Glattputz, stir in homogeneously with a motor blunger, which does not run too fast. After a maturing time of a few minutes stir again briefly.

Apply the prepared KEIM Brillantputz-Glattputz in a layer thickness of approx. 3 mm, structure or smooth with a trowel and felt with a fine, smooth sponge board after 1-3 hours depending on the weather. For the prevention of streaking always work wet-on-wet. Always work with the same batch number in one area.

#### Machine processing

KEIM Brillantputz-Glattputz can be processed with standard plaster machines (mixing pumps), as far as they are equipped for the low amounts to be processed for a thin layer plaster. KEIM Brillantputz-Glattputz can also be mixed with a continuous mixer. The amount of water has to be adjusted according to the processing consistency. Prior to the manual application of the plaster after a maturing time of a few minutes, stir again with a motor blunger. Mortar pumps with variable flow rates are suitable for the machine application of plaster mixed in a continuous mixer. Smooth the plaster after application and treat depending on the desired plastering method.

#### Application conditions

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

#### Consumption values

At 3 mm layer thickness: approx. 3-4 kg/m<sup>2</sup>

#### Please note:

When using coloured mineral plaster, slight deviations of colour shade and irregularities can appear due to weathering which are a product feature and cannot be complained about. 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

KEIM Brillantputz-Glattputz always has to be coated with a single layer of KEIM Egalisationsfarbe or alternatively with a double layer of KEIM Soldalit. Prior to coating observe a standing time of min. 5 days.



## 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.

