



TECHNICAL DATA SHEET

KEIM KRITALL®-FELSIT-PULVER

1. PRODUCT DESCRIPTION

KEIM Kristall-Felsit-Pulver is a mixture of natural minerals. KEIM Kristall-Felsit-Pulver is purely composed of inorganic materials.

2. FIELD OF APPLICATION

KEIM Kristall-Felsit-Pulver serves as a slurry additive into the mixed KEIM Purkristalat paint, using Fixativ as a diluent. Use only for priming and intermediate coats.

3. PRODUCT PROPERTIES

- crack-filling
- structure-equalising
- mineral matt
- odourless
- absolutely lightfast
- absolutely UV-resistant

MATERIAL CHARACTERISTICS:

- Density: ca. 1,1 - 1.2 g/cm³

COLOUR SHADES:

light gray

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues. Old, film-forming coatings have to be completely removed with KEIM Dispersionsentferner (paint stripper). New render areas must be pretreated with KEIM Fluat-10 as specified in the Technical Data Sheet to remove sinter layers. A pretreatment with KEIM Fixativ is recommended for highly absorbent or sanding substrates. Please, refer to the Technical Data Sheet regarding application. Algae, fungi or lichens must be removed professionally, thoroughly and without residues. After cleaning and drying of the surface, KEIM Algicid-Plus is used for disinfection. After a reaction time of at least 24 hours, the treated disinfected surface can be refinished.

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.

CONSUMPTION:

0.07 kg/m² with 50% admixture per slurry application

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

APPLICATION:

Slurry priming and intermediate coats in the KEIM Purkristalat system with the addition of KEIM Kristall-Felsit-Pulver should be applied smoothly wet-on-wet with a brush.

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Mixing slurry coats in the Purkristalat system:

Mix 5 kg of KEIM Purkristalat color powder into 4 liters of KEIM Fixativ and stir until homogeneous. This mixture yields approximately 10 kg of ready-to-use paint for the final coat. Pre-soaking the mixture a day in advance improves homogeneity and increases efficiency (lower consumption!). For priming and intermediate coats, dilute the pre-soaked paint as directed with KEIM Fixativ and add the specified slurry additive KEIM Kristall-Felsit-Pulver.

Mixing KEIM Kristall-Felsit-Pulver:

Stir 5 kg of KEIM Kristall-Felsit-Pulver into 2-4 liters of KEIM Fixativ until a homogeneous, viscous mass is formed. Then, mix this prepared mixture into the pre-soaked KEIM Purkristalat paint.

Addition rates of prepared KEIM Kristall-Felsit-Pulver:

Depending on the required slurry or structural effect, add 50 % or 100 % of prepared KEIM Kristall-Felsit-Pulver to the primer, and possibly an additional 50 % to the intermediate coat.

Addition of 50 %:

- 10 kg KEIM Purkristalat pre-soaked +
5 kg prepared KEIM Kristall-Felsit +
 - 2–6 liters KEIM Fixativ (primer) or
 - 2–4 liters KEIM Fixativ (intermediate coat)

Addition of 100 %:

- 10 kg KEIM Purkristalat pre-soaked +
10 kg prepared KEIM Kristall-Felsit +
2–6 liters KEIM Fixativ (primer)

DRYING TIME:

Can be overcoated after 2 hours at the earliest (at 23 °C and 50% RH).

At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

CLEANING OF TOOLS:

Clean immediately with water.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
5	kg	70	bucket
20	kg	24	bucket

6. STORAGE

max. storage time	Storage conditions
24 months	frost-free cool dry keep container tightly sealed.

7. DISPOSAL

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

Waste code: 08 01 11 *

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet. EU limit value for this product .
This product contains: - g/l VOC.

GISCODE:

9. GENERAL INFORMATION

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.