



## TECHNICAL DATA SHEET

# KEIM FIXATIV

### 1. PRODUCT DESCRIPTION

KEIM Fixativ is a binder, diluent and fixing agent made from pure, liquid potassium silicate for KEIM's ultra long-life mineral paints.

### 2. FIELD OF APPLICATION

KEIM Fixativ is used as binder and thinner for the pure silicate-based, two-component paint systems, KEIM Purkristalat and KEIM Dekorfarben (decor paints). For KEIM Unikristalat it is used as dilution. KEIM Fixativ may also be used as dilution for the KEIM Granital and KEIM Quarzil systems. Diluted KEIM Fixativ can be used to control or reduce the absorbency of highly absorbent mineral substrates. Sanding mineral substrates can be fixed and consolidated.

### 3. PRODUCT PROPERTIES

KEIM Fixativ bonds permanently with the substrate by silicification, is highly water vapour permeable, extremely resistant to weathering and absolutely incombustible. KEIM Fixativ contains no organic additives.

- Bonds permanently with the substrate by silicification
- Extremely weather resistant
- Non-film-forming
- Extremely water vapor permeable
- High binding power
- Fixing action
- Non-flammable
- Absolutely UV resistant
- Hinders fungal and mould growth
- Resistant to industrial fumes
- Solvent-resistant
- Environmentally friendly, good environmental impact assessment
- Excellent low environmental impact building material

#### Material characteristics:

- Specific weight: approx. 1.1 - 1.2 g/cm<sup>3</sup>
- pH-value: approx. 11

#### Colour shade:

Yellow, clear

### 4. APPLICATION INSTRUCTIONS

#### Substrate preparation:

The mineral substrate must be sound, dry, clean and free of dust and grease.

#### Application:

For pretreating highly absorbent and/or sanding substrates: Apply KEIM Fixativ, diluted 1:1 or 1:2 with water, with a brush.

For mixing with KEIM Purkristalat or KEIM Dekorfarben (decor paints): Soak 5 kg of colour powder in 4 litres of KEIM Fixativ.

For diluting KEIM Purkristalat, KEIM Dekorfarben (decor paints), KEIM Unikristalat, KEIM Granital or KEIM Quarzil: See relevant Technical Data Sheet.

#### Working conditions:

Air and surface temperature > +5 °C

#### Drying times:

A drying time of at least 12 hours must be allowed between pretreatment and priming and between coats.

#### Consumption:

For pretreatment on a smooth substrate: approx. 0.1 l/m<sup>2</sup> KEIM Fixativ (and approx. 0.1 l/m<sup>2</sup> water)

The stated consumption value is for guidance and depends on the absorbency and texture of the substrate. Exact consumption values can only be determined by painting trial areas on the structure to be coated.

#### Cleaning of tools:

Clean with water immediately after use.

### 5. PACKAGING

4 l and 24 l containers

### 6. STORAGE

Shelf life is approx. 12 months in a sealed container under cool, but frost-free conditions. Protect from heat and direct sunlight.



### 7. DISPOSAL

EC Waste Code No. 06 01 99

Any residues must be emptied out of containers before recycling.

### 8. SAFETY INSTRUCTIONS

Gisbau Product-Code/ Giscode: M-SK 02

KEIM Fixativ is alkaline.

Provide appropriate protection for surfaces which are not to be treated (e.g. glass, ceramics, wood etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. Keep out of reach of children.

Please refer to EC 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.



**KEIMFARBEN GMBH**

Keimstraße 16 / 86420 Diedorf / Tel. +49 (0)821 4802-0 / Fax +49 (0)821 4802-210  
Frederik-Ipsen-Straße 6 / 15926 Luckau / Tel. +49 (0)35456 676-0 / Fax +49 (0)35456 676-38  
[www.keimfarben.de](http://www.keimfarben.de) / [info@keimfarben.de](mailto:info@keimfarben.de)