



### 1. Product description

KEIM Spezial-Fixativ is a diluent and primer comprising pure liquid potassium silicate with small quantities of organic additives for KEIM silicate emulsion paints according to VOB/C DIN 18 363, 2.4.1.

### 2. Field of application

KEIM Spezial-Fixativ can be used as a diluent for the following KEIM coating systems:

KEIM Granital system  
KEIM Quarzil system  
KEIM Ecosil system  
KEIM Biosil system

The absorbency of highly absorbent mineral substrates can be controlled or reduced with KEIM Spezial-Fixativ.

### 3. Product properties

KEIM Spezial-Fixativ bonds permanently (silicification) with the substrate, is extremely water vapour permeable, highly resistant to weathering and incombustible.

- bonds permanently with the substrate by silicification
- weather resistant
- non-film-forming
- extremely water vapour permeable
- non-flammable
- UV-resistant
- hinders fungal and mold growth
- resistant to industrial fumes
- solvent-resistant
- environmentally friendly, good environmental impact assessment
- excellent low environmental impact building material

#### Material characteristics

- specific weight approx.: 1.03 g/cm<sup>3</sup>
- pH value: approx. 11.3
- organic content: < 5%

#### Colour shade

milky

### 4. Application instructions

#### Substrate preparation

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

#### Application

For pretreating highly absorbent substrates:

Apply KEIM Spezial-Fixativ undiluted with a brush.

For diluting KEIM Granital, KEIM Quarzil, KEIM Ecosil and KEIM Biosil systems:

See relevant Technical Data Sheet.

#### Application conditions

Ambient and substrate 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 – 0.2 l/m<sup>2</sup> KEIM Spezial-Fixativ

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 applying trial areas on the structure to be coated.

#### Cleaning of tools

Clean with water immediately after use.

### 5. Packaging

5 l and 20 l jerricans.

### 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. Hazardous substances ordinance class

n/a



**8. Transport hazard class**

n/a

**9. Disposal**

EC Waste Code no. 06 02 99

Any residues must be emptied out of containers before recycling.

**10. Safety instructions**

KEIM Spezial-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 water.

Protect the eyes and skin from splashes. Keep out of reach of children.

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.