

# Keim Concretal<sup>®</sup>-Fixativ

## Product description

**Keim Concretal-Fixativ** is a silicate-based diluent and primer developed for concrete substrates, its binder consisting of a combination of potassium silicate, silica sol and organic additives.

## Field Of Application

**Keim Concretal-Fixativ** is the diluent and additive for the silicate-based coatings in the Keim Concretal concrete protection system:

Keim Concretal-Farbe  
Keim Concretal-Farbe-Grob  
Keim Concretal-Lasur  
Keim Contact-Plus

The absorbency of highly absorbent mineral substrates can be controlled or reduced with **Keim Concretal-Fixativ**.

## Product Properties

- Bonds permanently with the substrate by silicification.
- Weather resistant.
- 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. 1.05 g/cm<sup>2</sup>
- pH-value: approx. 11

## Colour shade:

Milky

## Application Instructions:

### Substrate preparation:

The substrate must be sound, dry, clean and free of dust and grease. Repair damaged areas using the Keim Concretal concrete repair system.

## Application:

For pretreating highly absorbent substrates:

Apply Keim Concretal-Fixativ undiluted with a brush.

As diluent for normal smooth substrates for opaque protective coatings for concrete:

Keim Concretal-Farbe/Concretal-Farbe-Grob

For the priming coat, depending on substrate absorbency, stir at most 10% Keim Concretal-Fixativ into Keim Concretal-Farbe (max. 2.5 litres of diluent per 25 kg of paint), finishing coat with undiluted Keim Concretal-Farbe.

Keim Concretal-Lasur:

For the priming coat, depending on substrate absorbency, stir approx. 20-50% Keim Concretal-Fixativ into Keim Concretal-Lasur (approx. 0.2-0.5 litre of diluent per litre of Lasur), finishing coat with undiluted Keim Concretal-Lasur.

As a diluent for low-pigment/creative use:

Depending on the desired finish, Keim Concretal-Lasur may be diluted in the priming and finishing coat with Keim Concretal-Fixativ in any desired ratio.

See the relevant Technical Data Sheet for further details regarding the dilution and use of Keim Concretal-Farbe and Keim Concretal-Lasur.

## Application conditions:

Ambient and substrate temperature > + 5°C.

## Drying time:

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 Concretal-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 painting test areas on the structure to be coated.

## Cleaning of tools:

Clean with water immediately after use.

## Packaging:

5 ltr and 20 ltr containers.



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2 pages

PRODUCT  
DATA  
SHEET

**Storage:**

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

**Hazardous substances ordinance class:**

n/a

**Transport hazard class:**

n/a

**Disposal:**

EC Waste Code no. 06 02 99

Any residues must be emptied out of containers before recycling.

**Safety instructions:**

Keim Concretal-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.

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