



KEIM Concretal®-Fixativ

1. 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

2. 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.

3. Product properties

- bonds permanently with the substrate by silicification
- weather resistant
- water vapor permeable
- non-flammable
- UV-resistant
- resistant to 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: 1.05 g/cm³
pH value: approx. 11

Color shade

milky

4. 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 liters 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 liter of diluent per liter 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 liter/m² 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 trial areas on the structure to be coated.

Cleaning of tools

Clean with water immediately after use.

5. Packaging

5 liter and 20 liter containers.



6. Storage

Storage 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 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.

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 supercedes all earlier editions.

