TECHNICAL DATA SHEET

KEIM CONCRETAL®-FIXATIV

1. PRODUCT DESCRIPTION

KEIM Concretal-Fixativ is a silicate-based thinner and primer developed for concrete substrates. It consists of a binder combination of potassium silicate, silica sol and organic additives. KEIM Concretal-Fixativ has been awarded Cradle to Cradle Certified® Full Scope Silver, Material Health Gold and Circularity Silver in accordance with Version 5.0.

2. FIELD OF APPLICATION

KEIM Concretal-Fixativ is used as a thinner or admixture for the silicate-based paints in the KEIM Concretal concrete protection system:
KEIM Concretal-Black
KEIM Concretal-W
KEIM Concretal-W-Grob
KEIM Concretal-Lasur
KEIM Contact-Plus

With KEIM Concretal-Fixativ, the absorbency of highly absorbent mineral substrates can be regulated or reduced.

3. PRODUCT PROPERTIES

- Cradle to Cradle Certified® Full Scope Silver (Version 5.0)
- Cradle to Cradle Certified® Material Health Gold (Version 5.0)
- Cradle to Cradle Certified® Circularity Silver (Version 5.0)
- low-odour
- water vapour permable
- weather-resitant
- UV-resistant
- anti-fungal and anti-algae thanks to natural alkalinity
- resistant against industrial emissions
- solvent-resistant

MATERIAL CHARACTERISTICS:

– Density	approx. 1.0 g/cm³ - 1.1 g/cm³
– pH value	approx. 11

COLOUR SHADES:
milky

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:
The substrate must be sound, clean and free from all loose particles, dust, oil and other substances that may impair adhesion. Existing organically-bound coatings must be completely removed. Repair damaged areas in the KEIM Concretal concrete repair system.

APPLICATION CONDITIONS:
The air and substrate temperature during application and drying must be ≥ 5 °C.

CONSUMPTION:
approx. 0,15 L/m² for application as primer.
The information on material consumption is a guide for smooth substrates. Exact consumption figures must be determined by carrying out test areas.

PROCESSING:
For pre-priming highly absorbent substrates: KEIM Concretal-Fixativ apply undiluted with a brush.

As a thinner for normally smooth substrates for opaque protective concrete coatings: KEIM Concretal-W / Concretal-W-Grob / Concretal-Black.
For the primer coat: depending on the substrate absorbency, stir max. 10% KEIM Concretal-Fixativ into KEIM Concretal-W (max. 2.5 litres KEIM Concretal-Fixativ per 25 kg paint).
Final coat: with KEIM Concretal-W undiluted.

KEIM Concretal-Lasur:
For the primer coat, stir approx. 20-50% KEIM Concretal-Fixativ into KEIM Concretal-Lasur, depending on the substrate absorbency (approx. 0.2-0.5 litres Fixativ per litre glaze).
Final coat: with KEIM Concretal-Lasur undiluted.
As thinner for glazing/design application: KEIM Concretal-Lasur can be diluted with KEIM Concretal-Fixativ / Concretal-Black in any ratio in the priming and finishing coat, depending on the desired glaze effect.

For further information on dilution and application of KEIM Concretal-W, KEIM Concretal-Black and KEIM Concretal-Lasur, see the respective technical data sheet.

CLEANING OF TOOLS:
Clean immediately with water.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
20	L	24	jerry can
5	L	96	jerry can

6. STORAGE

Maximum storage time	Storage conditions
12 months	keep container tightly sealed. cool frost-free protected from heat and direct sun.

7. DISPOSAL

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

Waste code: 06 02 99

8. SAFETY INSTRUCTIONS

Refer to the safety data sheet. EU limit value for this product (Cat. A/h): 30 g/l.
This product contains: 0 - 1 g/l VOC.

GIS code: BSW 40

9. GENERAL INFORMATION

Cover surfaces not to be treated, particularly glass, ceramics and natural stone. Splashes on surrounding surfaces or traffic areas must be immediately diluted with plenty of water and removed.
Mixing with products from other systems or other external 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.

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