TECHNICAL DATA SHEET

KEIM CONCRETAL®-CLEANER

1. PRODUCT DESCRIPTION

Hexafluorosilicic acid-based cleaning agent for concrete surfaces. Reacts to form compounds that are not harmful to the building when used. KEIM Concretal-Cleaner is completely neutralised when used appropriately.

2. FIELD OF APPLICATION

Removal of release agent residues on new concrete surfaces. KEIM Concretal-Cleaner Can also be used as a cleaning agent for old concrete or plaster surfaces contaminated with oil or grease.

3. PRODUCT PROPERTIES

- aqueous
- mostly without the addition of solvents (max. 2%)

MATERIAL CHARACTERISTICS:

– Density	approx. 1.1 g/cm³ - 1.2 g/cm³
– pH value	approx. 1
– Active ingredient	Hexafluorosilicic acid base

COLOUR SHADES:
transparent colourless

4. APPLICATION INSTRUCTIONS

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

MATERIAL PREPARATION:

CONSUMPTION:
approx. 0,05 L/m² for a single coating.
The information on material consumption is a guide for smooth substrates. Exact consumption figures must be determined by carrying out test areas.

PROCESSING:
Dilute with water in a ratio of 1:3 to 1:5, depending on the intensity of the existing release agent residues and soiling KEIM Concretal-Cleaner. When cleaning concrete surfaces that are only to be treated transparently afterwards, dilute with water in a ratio of at least 1:5. Lower dilutions may leave light-coloured residues that are insolubly bonded to the concrete and will not be covered by transparent treatments. (The creation of test areas is recommended here). The insoluble residues mentioned are completely harmless and can be painted over with all coats of the KEIM Concretal system without any problems. Pre-wet concrete surfaces before application of KEIM Concretal-Cleaner. The concrete surface should be matt damp. Then brush in the thinly diluted KEIM Concretal-Cleaner as required. The reaction is immediate. Then rinse the treated surfaces with plenty of water (hose). In the case of treated surfaces indoors, a wet cloth can also be used for re-washing. Given the dirt load, the washing water produced during cleaning must be disposed of in agreement with the responsible authorities.

TOP COAT:

PAINT STRUCTURE:

POST-TREATMENT:

DRYING TIME:
Can be overcoated after 12 hours at the earliest (at 23°C and 50% RH). At higher relative humidity, greater layer thicknesses or lower temperatures, the drying time is extended accordingly.

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 01 06*

8. SAFETY INSTRUCTIONS

Refer to the Safety Data Sheet and Technical Data Sheet. For professional use only.

GIS code: GF 50

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.

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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