

## KEIM Concrete cleaner (Betonschnellreiniger)



### 1. Product description

A silicic acid based cleaning agent for concrete surfaces, which, when applied, reacts to form harmless compounds.

### 2. Field of application

Concrete Cleaner is Ideal for Removal of release agent residues and sinter layers on new or repaired concrete surfaces. Use before coating or staining concrete with KEIM silicate mineral finishes. Concrete Cleaner may also be used as a cleaning agent for existing concrete or render surfaces contaminated with oily/greasy substances.

### 3. Product properties

When correctly used, KEIM Concrete Cleaner is completely neutralized.

- Aqueous
- Practically no solvent added (max. 2%)

#### Material characteristics

- pH-value:  $\approx 1$  (acidic)
- Density:  $1.14 \text{ g/cm}^3$

#### Color shade

Transparent, colorless

### 4. Application instructions

#### Dilution

Depending on the quantity of release agent residues and soiling present, dilute KEIM Concrete Cleaner with water in a ratio of 1:3 to 1:5.

When cleaning concrete surfaces which are subsequently to receive only a transparent finish,

the product must be diluted with water to a ratio of at least 1:5.

At lower levels of dilution, permanent, light-colored residues may form on the concrete which will not be concealed by transparent finishes. (It is advisable to coat test areas in this case). These permanent residues are completely harmless and can be over coated with any paints or coatings from the KEIM Concretal system.

#### Application

Pre-wet concrete surfaces before applying KEIM Concrete Cleaner, apply sufficient water to create a moist, matt surface. Apply a thin coat of diluted KEIM Concrete Cleaner as required. The reaction proceeds immediately. Treated surfaces should then be washed by hosing down with plenty of water. Treated interior surfaces may also be washed down with wet cloths.

Due to its dirt content any washing water from cleaning should be disposed of in accordance with applicable regulations.

#### Application conditions

Ambient and substrate temperature  $> 5^\circ\text{C}$  ( $41^\circ\text{F}$ ).

#### Waiting times

Surface protection treatments from the KEIM Concretal-system may only be applied once the substrate is completely dry, at the earliest after 12 hours.

#### Consumption

Single application onto a smooth substrate:

##### 1.3 Gallon Container:

670-770 sq.ft/1.3 gal container at 1:3

1000-1100 sq.ft/1.3 gal container at 1:5

##### 5.3 Gallon Container:

2680-3080 sq.ft/5.3 gal container at 1:3

4000-4400 sq.ft/5.3 gal container at 1:5



**Cleaning of tools**

Clean with water immediately after use.

**5. Packaging**

1.3 gal (5 l) or 5.3 gal (20 l) containers

**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**

- C: Corrosive, contains hexafluoro silicic acid
- R 34: Causes burns.
- S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S 36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
- S 45: In case of accident or if you feel unwell, seek medical advice immediately (show this label if possible).

**Classification according to flammable liquids ordinance**

n/a

**8. Transport hazard class**

UN 1778

**9. Disposal**

EC Waste Code No. 06 01 06

Any residues must be emptied out of containers before recycling.

**10. Safety instructions**

Provide appropriate protection for surfaces which are not to be coated. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes, if necessary wash off immediately with water. When using, do not eat or drink. 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.

