



### 1. Product description

KEIM Ätzflüssigkeit is a pre-treatment and cleaning agent based on silicic acid, which, when applied, reacts to form harmless compounds.

### 2. Field of application

Removal of sinter layers on new renders and cleaning of existing renders.

### 3. Product properties

KEIM Ätzflüssigkeit is completely neutralised when correctly used.

- Aqueous
- No solvents added

#### Material characteristics

- pH-value:  $\approx 1$  (acidic)
- Density:  $1.1 \text{ g/cm}^3$

#### Colour shade

Light pink, transparent

### 4. Application instructions

#### Dilution

	KEIM Ätzflüssigkeit	Water
Exterior render:	1 l	3 l
Interior render:	1 l	5 l

#### Application

In order to accelerate drying and carbonation, KEIM Ätzflüssigkeit should not be applied to the render before the surface has dried, at which point it should be brushed on appropriately diluted from bottom to top to saturate the surface. The reaction starts immediately and can be recognised by slight foaming. Treated surfaces should then be washed down with water. New render on interior walls does not need to be washed down.

Pure lime renders of mortar groups P I a and P I b which harden only slowly by absorbing carbon dioxide may form new sinter layers and require a second application.

KEIM Ätzflüssigkeit may also be used as a cleaning agent for dirty areas of existing render.

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

#### Waiting times

KEIM Ätzflüssigkeit may be applied once the render surface has dried, but at the earliest after one day.

Lime renders (P I a, P I b) must be allowed to set for at least 4 weeks before a second application can be performed.

A colour coat may be applied once a further drying period has elapsed.

#### Consumption

Smooth exterior surfaces, one coat: approx.  $0.07 \text{ l/m}^2$ ;  
smooth interior surfaces, one coat: approx.  $0.05 \text{ l/m}^2$ .

The stated consumption values are for guidance and depend on the type of application and 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 l and 20 l jerricans.

### 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

- Xi Irritant.  
R 36/38: Irritating to eyes and skin.  
S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 37/39: Wear suitable gloves and eye/face protection.  
S 46: If swallowed, seek medical advice immediately and show this container or label.  
S 51: Use only in well-ventilated areas.



## 8. Transport hazard class

Class 8  
Packaging group II  
UN 1778

## 9. Disposal

EC Waste Code No. 06 01 99  
Any residues must be emptied out of containers before recycling.

## 10. Safety instructions

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, 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, 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.

