



## TECHNICAL DATA SHEET

# KEIM ECOTEC

## 1. PRODUCT DESCRIPTION

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KEIM Ecotec is a solvent-free waterproofing concentrate based on silicone microemulsion.

## 2. FIELD OF APPLICATION

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KEIM Ecotec is used after mixing with water (in a ratio of 1:9) as an environmentally compatible, solvent-free, clear hydrophobising agent on hydrophilic coatings such as KEIM Purkristalat.

## 3. PRODUCT PROPERTIES

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- low environmental impact
- good penetration property
- no color shade change
- excellent penetration of moist substrates
- highly water-repellent
- highly water vapour permable
- alkali-resistant
- water-dilutable
- no solvents added
- low-odour

### MATERIAL CHARACTERISTICS:

- Density: approx. 1,0 - 1.1 g/cm<sup>3</sup>
- Active ingredient: Silicone microemulsion base

### CLASSIFICATION:

- Water absorption coefficient w: < 0,05 kg/(m<sup>2</sup>√h)

### COLOUR SHADES:

colourless

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

The substrate must be clean, dry and absorbent, if necessary clean before.

### APPLICATION CONDITIONS:

Ambient and substrate temperature  $\geq 5$  °C during application and drying. Do not apply in direct sunlight or on sun-heated substrates. Protect surfaces from direct sun, wind and rain during and after application.

### CONSUMPTION:

approx. 0,02–0,08 L/m<sup>2</sup> as base coat.

These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

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### APPLICATION:

KEIM Ecotec must be mixed with water in a ratio of 1:9 (1 part concentrate + 9 parts water). This ready-to-use mixture is to be applied within 24 hours. For treatment with the ready-to-use mixture, the substrate must be open-pored, clean and without partial damp spots. The surfaces to be treated are saturated, without pressure, by flooding or brushing from top to bottom. Previous coats can usually be re-treated after 3 days.

### CLEANING OF TOOLS:

Clean immediately with water.

## 5. PACKAGING

Container content	Unit of measure	Type of container
1	L	bottle

## 6. STORAGE

max. storage time	Storage conditions
9 months	cool keep container tightly sealed. protected from heat and direct sun.

## 7. DISPOSAL

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

Waste code: 07 02 16\*

## 8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet. EU limit value for this product .  
This product contains: - g/l VOC.

## 9. GENERAL INFORMATION

Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.  
Mixing with products not part of the system or other foreign 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.

