

## KEIM Ecotec® Water-repellent concentrate



### 1. Product description

KEIM Ecotec is a solvent-free, concentrated hydrophobic agent on silicone micro-emulsion basis.

### 2. Field of application

After mixing with water (ratio: 1:9) KEIM Ecotec is used as environmentally friendly, solvent-free, and colourless water repellent on KEIM Purkristalat coatings.

### 3. Product properties

- Environmentally friendly
- Water-soluble, no solvents added
- Excellent water repellency
- Good penetration property
- Penetrates excellent into moist substrates
- Good alkali stability
- Water vapour permeable
- Does not change colour

#### Material characteristics

- Specific weight: approx. 1 g/cm<sup>3</sup>
- Viscosity: ideal-viscous flow property
- Water absorption coefficient:  $w < 0.05 \text{ kg/m}^2 \cdot \text{h}^{0.5}$
- Colour/appearance: Yellowish- up to brownish-transparent. The colour of the product does not influence the usability and long-term hydrophobic property.

### 4. Application instructions

KEIM Ecotec is to be mixed to a ratio of 1:9 with water (1 part KEIM Ecotec + 9 parts water). This mixture is to be used within 24 hours.

The surface has to be open-porous, clean and without partial moisture patches before treating with the ready-to-use mixture. The surfaces to be treated are soaked by flooding (low pressure spray) or by brush from top to bottom.

KEIM Purkristalat coatings applied before, can be treated after 3 days.

#### Consumption

Consumption values depend on the capillary absorbency and/or the pore structure of the substrate:

approx. between 0.2 l up to 0.8 l per m<sup>2</sup> (ready-to-use mix). This corresponds to a proportion of 0.02 up to 0.08 l KEIM Ecotec per m<sup>2</sup>.

The consumption value given is only for guidance. Precise consumption values must be determined on the object being treated by test areas.

### 5. Packaging

Container with 1 l concentrate (corresponds to 10 l of ready-to-use mix).

### 6. Storage

9 months if tightly closed and stored under cool conditions. Keep out of direct sunlight.

### 7. Hazardous substances ordinance class

Xi	Irritant
R 10:	Flammable.
R 41:	Risk of serious damages to eyes.
R 52/53:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S 7/9:	Keep container tightly closed in a well-ventilated place.
S 23:	Do not breathe aerosol.
S 26:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 39:	Wear eye/face protection.
S 51:	Use only in well-ventilated areas.

**Classification according to flammable liquids ordinance:** n/a

### 8. Transport hazard class

UN 1993

### 9. Disposal

EC Waste Code No. 07 01 99  
Any residues must be emptied out of containers (non-drip) before recycling.



## 10. Safety instructions

Cover areas which are not to be coated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. Keep out of reach of children.

For further information see Material Safety Data Sheet.

Product code: n/a

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.

