

KEIM Ecotec® Water-repellent concentrate



1. Product description

Keim Ecotec is a solvent free, silicone micro-emulsion based hydrocarbon concentrate for use as an environmentally friendly water repellent and dust suppressant.

2. Field of application

After mixing with water (ratio 1 part Keim Ecotec to 9 parts water) Keim Ecotec is used as an environmentally friendly, solvent free, colourless water repellent, also suitable for use as a dust suppressant.

3. Product properties

Environmentally friendly
Free from solvents, dilute with water
Excellent water repellency
Good surface penetration
Good alkali stability
Water vapour permeable
Does not change colour

Material characteristics

Specific Weight: approx. 1.0g/cm³
Colour: yellow-transparent
Water absorption coefficient: $w < 0.05/m^2 \cdot h^{0.5}$

Colour shades

Clear

4. Application instructions

Substrate preparation

All loose, flaking and unstable material must be identified and then thoroughly removed, all surfaces must be thoroughly washed down with clean cold water to remove all surface dirt and dust. When all surfaces are clean, sound, wind dry, dust free and free from all surface

contaminants, application of Keim Ecotec may proceed.

The surface should be clean and free from partial damp patches prior to treating with Keim Ecotec.

Application

Keim Ecotec should be mixed to a ratio of 1:9 with water (1 part Keim Ecotec to 9 parts water). This mixture should be used within 24 hours of mixing.

Diluted Keim Ecotec should be applied with low pressure spray and in a flood coat manner, or saturated with a brush from top to bottom.

Consumption

The consumption is dependant on the capillary absorbency and pore structure of the surface and is between 0.2lt/m² and 0.8lt/m² (premixed). The proportion of Keim Ecotec equates to 0.02lt/m² - 0.08lt/m².

Consumption rates are offered for guideline purposes only and are quoted for smooth rendered surfaces. Actual rates are the responsibility of the applicator. Project specifications should be referred to for specific rates.

We would recommend that site trials should be conducted should more accurate information be required.

Cleaning of tools

Clean immediately after use with water

5. Packaging

1lt containers



6. Storage

Approx. 9 months if kept cool, away from direct sunlight and in tightly closed containers.

7. Disposal

Dispose in accordance with current local/national regulations.

8. Safety instructions

Cover surfaces which are not to be painted, in particular glass, natural stone, ceramics etc. Protect the eyes and skin from splashes. Keep out of reach of children.

Refer to COSHH data sheet.

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.

