



## TECHNICAL DATA SHEET

# KEIM REVERSIL®

## 1. PRODUCT DESCRIPTION

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KEIM Reversil is a ready-to-apply, removable protective coating for historic interior paintings and substrates with a mineral matt surface appearance.

## 2. FIELD OF APPLICATION

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KEIM Reversil can be used on plaster, stucco, sandstone, sand-lime brick and firmly adhering old coatings. KEIM Reversil is particularly suitable for protecting historical paintings and substrates due to its high diffusion openness and easy removability with water without damaging or distorting the substrate. KEIM Reversil can be applied both opaque and transparent. A wide variety of applications are possible in combination with the precisely coordinated product components of the KEIM Reversil system.

## 3. PRODUCT PROPERTIES

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- reversible
- flexible in terms of painting and design possibilities
- mineral matt
- smudge-proof
- highly permeable
- absolutely lightfast

### MATERIAL CHARACTERISTICS:

- Density: approx. 1,5 - 1.7 g/cm<sup>3</sup>
- pH value: approx. 8

### CLASSIFICATION:

- Diffusion-equivalent air layer thickness (sd-value): < 0,03 m

### COLOUR SHADES:

White, colour shades only with purely mineral, light-resistant pigments. All KEIM Reversil colours can be mixed with each other as desired.

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

Highly absorbent or gypsum-containing substrates can be primed with KEIM Reverfix and thus reduced in their absorbency. Fresh, lime-containing plaster repairs must be dried out and neutralised twice wet-in-wet with 1:3 diluted KEIM etching liquid. Cracked surfaces and structural differences can be levelled with KEIM Reversil-Slurry.

### APPLICATION CONDITIONS:

Ambient and substrate temperature during application and drying must be  $\geq 5$  °C.

### PREPARATION OF MATERIAL:

Stir up KEIM Reversil thoroughly before application.

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### CONSUMPTION:

approx. 0,15 L/m<sup>2</sup> for a single coating.

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

### APPLICATION:

KEIM Reversil can be painted or rolled. Generally, two coats of paint are sufficient.

Primer coat: Apply KEIM Reversil undiluted or diluted with max. 10 % of water. The base coat should be applied in the basic shade white.

Alternatively: KEIM Reversil-Slurry apply undiluted.

Final coat: Apply KEIM Reversil undiluted.

For glaze coats or glazed paintings, dilute KEIM Reversil with KEIM Reverfix until the desired glaze effect is achieved.

Removal:

Pre-wet thoroughly with water and then wash off with clear water and a brush after approx. 10 minutes exposure time.

### DRYING TIME:

Can be overcoated after 12 hours at the earliest (at 23 °C and 50% RH). At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

### CLEANING OF TOOLS:

Clean immediately with water.

## 5. PACKAGING

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Container content	Unit of measure	Quantity on pallet	Type of container
15	L	24	bucket
5	L	70	bucket
2.5	L	80	bucket

## 6. STORAGE

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max. storage time	Storage conditions
12 months	cool frost-free keep container tightly sealed. protected from heat and direct sun.

## 7. DISPOSAL

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

Waste code: 08 01 11 \*

## 8. SAFETY INSTRUCTIONS

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Please, refer to the Material Safety Data Sheet. EU limit value for this product (Cat. A/a): 30 g/l.

This product contains: 0 - 3 g/l VOC.

GISCODE:

### 9. GENERAL INFORMATION

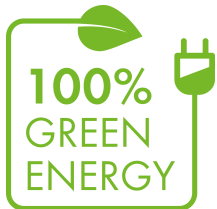
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Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.

Mixing with products not part of the system or other foreign additives is not permitted.

### 10. CERTIFICATES & QUALITY SEALS

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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.