



## TECHNICAL DATA SHEET

# KEIM UNICA

## 1. PRODUCT DESCRIPTION

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KEIM Unica is a ready-to-use silicate-based interior paint according to DIN 18363. KEIM Unica is awarded with the Cradle to Cradle Certified®-Certificate Silver and the C2C Certified Material Health Certificate™ Gold.

## 2. FIELD OF APPLICATION

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KEIM Unica is suitable for all common interior wall and ceiling surfaces. KEIM Unica is suitable for new as well as typical renovation coats in residential and commercial areas. KEIM Unica Can be used to paint all common interior substrates.

Not suitable for:  
wood substrates; lacquered surfaces; substrates with salt efflorescences

## 3. PRODUCT PROPERTIES

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- economical in consumption
- very good covering power
- homogenous surface appearance
- low stress
- low environmental impact
- matt, natural appearance
- harmless to health
- Cradle to Cradle Certified®-Certificate Silver
- C2C Certified Material Health Certificate™ Gold
- highly permeable
- permeable
- no solvents added
- no plasticisers added

### MATERIAL CHARACTERISTICS:

- Density: approx. 1.4 - 1.5 g/cm<sup>3</sup>
- Organic content: < 5 %
- pH value: approx. 11

### CLASSIFICATION:

- Classification according to: DIN EN 13300
- Classification according to VOB: Silicate emulsion paint according to DIN 18363 sec. 2.4.1
- Diffusion-equivalent air layer thickness (sd-value): < 0,01 m
- Wet abrasion resistance: Class 3
- Test standard Wet Abrasion Resistance: EN ISO 11998
- Contrast ratio (covering power): Class 1
- Gloss level at 85°: dull matt
- Test standard Gloss level: ISO 2813
- Maximum particle size: fine
- Test standard Maximum particle size: EN 1524

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### COLOUR SHADES:

white

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

The substrate must be sound, solid, dry, clean and free from dust and grease. No pretreatment is required for gypsum fillers. Optimisation of the surface homogeneity of the subsequent coats, especially under difficult lighting conditions, can be achieved by pre-treatment with KEIM Soliprim. In case of glancing light conditions, ensure adequate substrate preparation, suitable tools and increased care during application.

### APPLICATION CONDITIONS:

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

### PREPARATION OF MATERIAL:

Stir up KEIM Unica thoroughly before application.

### APPLICATION:

KEIM Unica can be painted, rolled or airless sprayed (nozzle  $\geq 425$  ).

Primer coat: Apply KEIM Unica undiluted or diluted with max. 10 % of Water.

Final coat: Apply KEIM Unica undiluted.

Note: KEIM Textura can be used for levelling inhomogeneous substrates.

### DRYING TIME:

Can be overcoated after 6 hours at the earliest (at 23 °C and 50% RH). At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

### CONSUMPTION:

approx. 0,125 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.

### CLEANING OF TOOLS:

Clean immediately with water.

## 5. PACKAGING

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Container content	Unit of measure	Quantity on pallet	Type of container
12.5	l	32	bucket

## 6. STORAGE

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max. storage time	Storage conditions
12 months	frost-free cool keep container tightly sealed.

### STORAGE INFORMATION:

Material residues from opened containers should be refilled into correspondingly smaller containers in order to keep the air content in the bucket as low as possible.

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### 7. DISPOSAL

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

**EC WASTE CODE:**

Waste code: 08 01 12

### 8. SAFETY INSTRUCTIONS

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Please, refer to the Material Safety Data Sheet.

### 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.