



## TECHNICAL DATA SHEET

# KEIM UNI-KALEI

## 1. PRODUCT DESCRIPTION

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KEIM Uni-Kalei is a slurry plaster based on the binders air lime and white cement with a low content of organic additives and fibres. KEIM Uni-Kalei corresponds to mortar category CS II in accordance with 998-1.

## 2. FIELD OF APPLICATION

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KEIM Uni-Kalei is suitable for carrying out plastering work using the slurry plaster technique for the following substrates: mineral substrates; mixed substrates; organic substrates

Not suitable:  
plasto-elastic coatings; saponifiable existing substrates

## 3. PRODUCT PROPERTIES

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- easy and fast processing
- low stress
- mineral
- sehr dekorative Oberflächengestaltung
- highly permeable

### MATERIAL CHARACTERISTICS:

- Bulk density: approx. 1,2 g/cm<sup>3</sup>
- Maximum grain size: 0.6 mm

### CLASSIFICATION:

- Plaster type: CR
- Compressive strength category: CS II 1,5 -5,0 N/mm<sup>2</sup>
- Standard compressive strength DIN EN 1015-11: DIN EN 1015-11
- Adhesive tensile strength:  $\geq 0,08$  N/mm<sup>2</sup>
- Fracture pattern Adhesive tensile strength: A,B,C
- Standard Adhesive tensile strength DIN EN 1015-12: DIN EN 1015-12
- Water absorption class: W2
- Standard Water absorption DIN EN 1015-18: DIN EN 1015-18
- Water vapour diffusion resistance value ( $\mu$ -value):  $\leq 10$

### COLOUR SHADES:

natural white

**4. APPLICATION INSTRUCTIONS**

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**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.

**APPLICATION:**

Apply the set mortar with a block brush in two coats. The set mortar can be finished with a damp brush. Alternatively, the mortar can be applied with a trowel and then modelled with a block brush. For this purpose, the consistency of the fresh mortar must be chosen somewhat thicker. It is also possible to apply the mortar mechanically with the help of a plastering machine. In this case, the mortar is also treated and modelled with a block brush after it has been applied. The drying time between the individual layers depends on the temperature and humidity. In practice, it is recommended to apply the second coat one day later.

**AFTERTREATMENT:**

KEIM Uni-Kalei must be protected from drying out too quickly due to sun or wind, or kept moist if necessary.

**CLEANING OF TOOLS:**

Clean tools, machines and mixers immediately after use with water. In hardened state only a mechanical removal is possible.

**5. PACKAGING**

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Container content	Unit of measure	Quantity on pallet	Type of container
20	kg	36	bag

**6. STORAGE**

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max. storage time	Storage conditions
12 months	dry protect from moisture

**7. DISPOSAL**

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

Waste code: 17 01 01

**8. SAFETY INSTRUCTIONS**

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Please, refer to the Material Safety Data Sheet.

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.

