



TECHNICAL DATA SHEET

KEIM KALK-SINTERWASSER

1. PRODUCT DESCRIPTION

KEIM Kalk-Sinterwasser is a saturated and ready-to-use solution of pit lime filler in water.

2. FIELD OF APPLICATION

KEIM Kalk-Sinterwasser can be used as a thinner for KEIM Athenit-lucente or KEIM Athenit-forte lime paints. For a more stable coating, pre-wet highly absorbent substrates with KEIM Lime Sinter Water. Old and weakly chalking lime coatings in the interior can be consolidated with KEIM Kalk-Sinterwasser.

3. PRODUCT PROPERTIES

- non-yellowing
- environmentally friendly
- extremely vapour permeable
- absolutely lightfast
- anti-fungal and anti-algae thanks to natural alkalinity
- fire behaviour: non-flammable
- no synthetic binders
- no solvents added
- no plant-based resins

MATERIAL CHARACTERISTICS:

- Density: approx. 1.0 - 1.1 g/cm³

COMPOSITION

water, calcium hydroxide, natural carbohydrates.

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues.

APPLICATION CONDITIONS:

Ambient and substrate temperature ≥ 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.

PREPARATION OF MATERIAL:

CONSUMPTION:

approx. 0,2 L/m², for application as primer.

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

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APPLICATION:

KEIM Kalk-Sinterwasser can be applied with a brush, the KEIM facade coating device or the Chiron device. KEIM Kalk-Sinterwasser is formulated ready for use and must not be diluted with water. For unstable chalking old coatings, saturate the substrate.

DRYING TIME:

Can be overcoated after 4 hours at the earliest (at 23°C and 50% RH). At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly. (In colder seasons up to one day).

CLEANING OF TOOLS:

Clean immediately with water.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
20	L	24	jerry can
5	L	96	jerry can

6. STORAGE

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

7. DISPOSAL

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

Waste code: 08 01 11 *

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet. EU limit value for this product (Cat. A/h): 30 g/l.
This product contains: 0 g/l VOC.

9. GENERAL INFORMATION

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



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.