



TECHNICAL DATA SHEET

KEIM ATHENIT®-FINO

1. PRODUCT DESCRIPTION

KEIM Athenit-Fino is a ready-to-use, all-purpose lime filler based on pure, at least 3 years aged pit lime and finely coordinated lime sands.

2. FIELD OF APPLICATION

KEIM Athenit-Fino can be put to use indoors for full-surface fillings or for repairing small damaged areas. KEIM Athenit-Fino can be applied smoothly as well as textured.

Not suitable for:

oil containing substrates

3. PRODUCT PROPERTIES

- universally applicable
- easy and fast processing
- low stress
- environmentally friendly
- extremely vapour permeable
- fire behaviour: non-flammable
- no synthetic binders
- no plant-based resins
- very low-odour

MATERIAL CHARACTERISTICS:

- Density: approx. 1.9 - 2.1 g/cm³
- Maximum grain size: 0.5 mm
- Maximum layer thickness: 4 mm

CLASSIFICATION:

- Diffusion-equivalent air layer thickness (sd-value): ≤ 0,02 m

COLOUR SHADES:

natural white

Tintable up to 3 % with KEIM decor paint powder.

COMPOSITION

Water, calcium hydroxide, calcium carbonates, lime sands, natural carbohydrates, cellulose

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues. On smooth and/or non-mineral and mixed substrates, the surfaces are to be sealed with KEIM Athenit-fondo or KEIM Contact-Plus to prime. Observe the technical data sheet for the primer with regard to application and thinning.

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APPLICATION CONDITIONS:

Ambient and substrate temperature during application and drying must be ≥ 5 °C.

CONSUMPTION:

approx. 1 kg/m² at a layer thickness of 1 mm.

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

APPLICATION:

Stir up KEIM Athenit-Fino thoroughly before application. If necessary, adjust to the desired consistency with a little water or KEIM sintered lime water. Slightly moisten the substrate if necessary. Apply approx. 2 mm thick with a trowel and texture or smooth after 30 to 90 minutes with a sponge, brush, sponge board or metal trowel (maximum layer thickness 4 mm). To achieve a finer surface, the dressed but still moist KEIM Athenit-Fino can be overworked with KEIM Athenite-liscio.

DRYING TIME:

At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

CLEANING OF TOOLS:

Clean immediately with water.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
24	kg	24	bucket

6. STORAGE

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

7. DISPOSAL

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

Waste code: 06 02 01 *

8. SAFETY INSTRUCTIONS

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

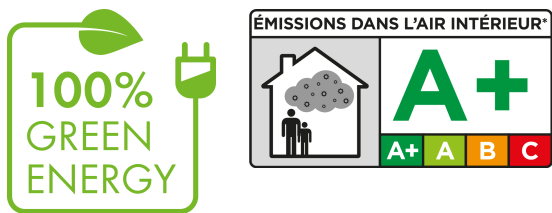
This product contains: 0 - 1 g/l VOC.

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.