TECHNICAL DATA SHEET

KEIM ATHENIT®-FONDO

1. PRODUCT DESCPRIPTION

KEIM Athenit-Fondo is a ready-to-use primer lime paint based on pure pit lime aged for at least 3 years and high white Greek marble powder without synthetic binder additives. Enriched with high-quality, fine lime sands, KEIM Athenit-Fondo has a slight slurrying and levelling effect.

2. FIELD OF APPLICATION

KEIM Athenit-Fondo serves as a slurrying primer
– for levelling different absorbencies and/or structures
– to close small hairline cracks
– as an adhesion primer for Athenit-fino.

KEIM Athenit-Fondo can be used indoors on lime plasters, lime-gypsum plasters, lime-cement plasters, gypsum-containing plasters and fillers, renovation plasters, natural stone, concrete, mineral old coatings and dispersion-bound old substrates. A wide variety of applications are possible in combination with the precisely coordinated product components of the KEIM Athenit system.

Not suitable for: oil containing substrates

3. PRODUCT PROPERTIES

– ready to use
– equalising
– crack-bridging
– structure-equalising
– low stress
– environmentally friendly
– extremely vapour permeable
– fire behaviour: non-flammable
– no synthetic binders
– no plant-based resins

MATERIAL CHARACTERISTICS:

– Density:	approx. 1.6 - 1.7 g/cm^3
– Maximum grain size:	0.3 mm

CLASSIFICATION:

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

COLOUR SHADES:
white

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.

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

PREPARATION OF MATERIAL:
Stir up KEIM Athenit-Fondo thoroughly before application.

CONSUMPTION:
approx. 0,4 kg/m²
These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

APPLICATION:
KEIM Athenit-Fondo generally, brush or roll on undiluted. Slightly moisten the substrate if necessary.

FINISHING:
Apply subsequent coats of KEIM Athenit-forte or -lucente.

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 case of penetrating substances, the result can be improved by a longer intermediate drying time (24 – 48 hours).

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
12 months	keep container tightly sealed. cool frost-free

7. DISPOSAL

For disposal information refer to section 13 of the safety data sheet.
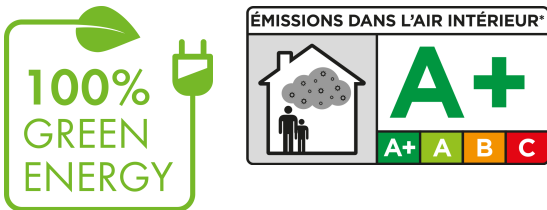
Waste code: 08 01 11 *

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet. EU limit value for this product (Cat. A/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.