



1. Product description

KEIM Athenit-fondo is a ready-to-use priming lime paint on the basis of pure pit lime matured for at least 3 years and highly white Greek marble powder without synthetic binding agents. Through addition of high-quality, fine lime sands KEIM Athenit-fondo has a slightly closing and equalizing effect.

2. Field of application

KEIM Athenit-fondo serves as a closing base coat

- for equalizing different absorbing capacities and/or textures
- for closing small hairline cracks
- as a wash primer for Athenit-fino.

KEIM Athenit-fondo can be used interior on lime plasters, lime gypsum plasters, lime cement plasters, plasters and fillers containing gypsum, restoration plasters, natural stones, concrete, mineral old paints and old dispersion-bound substrates. Substrates containing oil are not suitable for coating with KEIM Athenit products.

In combination with the precisely coordinated products of the KEIM Athenit-System various application cases are possible.

3. Product properties

KEIM Athenit-fondo does not contain any synthetic binding agents. KEIM Athenit-fondo is formulated to be ready-to-use, has low tension and is easy to apply.

- No synthetic binding agents
- No solvents
- No herbal resins
- Levels off differences in texture
- Slightly closing effects for cracks
- Low tension
- Non-flammable
- Extremely vapour diffusionable
- Environmentally friendly

Material characteristics

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|--------------------------------|--------------------------------|
| • Spec. weight: | approx. 1.65 g/cm ³ |
| • Vapour diffusion resistance: | $s_d < 0.02$ m |
| • Maximum grain size: | 0.3 mm |

Ingredients

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

Colour shade

White

4. Application instructions

Substrate preparation

The substrate must be sound, dry, wettable, clean and free of dust and grease. Remodel damaged areas in similar type and structure.

In case of highly absorbing substrates pre-treatment with lime sintering water is recommended. In case of sanding substrates, pre-treatment with KEIM Fixativ diluted with water to a ratio of 1:3 is recommended. Sintering layers on new plasters have to be removed with KEIM Ätzflüssigkeit (lime remover).

Application

Usually, KEIM Athenit-fondo is painted or rolled undiluted. Slightly wet the substrate if necessary. Always stir well prior to application. Perform subsequent coatings with Athenit-lucente or -forte. Drying time until reworking approx. 4 hours. In case of seeping substances a longer drying time (24 - 48 hours) can improve the result.

Application conditions

Ambient and substrate temperature $> +5^\circ\text{C}$.

Consumption

On smooth substrates for a coating with KEIM Athenit-fondo approx. 0.40 kg/m². The stated consumption figures are reference values depending on substrate condition and the application method. Exact consumption values can only be determined by applying to sample areas on the object to be coated.

Cleaning of tools

Clean with water after every working step.

5. Packaging

6 kg and 24 kg containers



6. Storage

Shelf life is approx. 12 months if kept cool, but frost-free in tightly closed containers.

7. Disposal

EC Waste Code No. 10 13 99
Any residues must be emptied out of containers before recycling.

8. Safety instructions

GISBAU Product Code/ GISCODE: Not applicable

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, ceramics, wood, etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. Keep out of reach of children.

Please refer to EC Safety Data Sheet.

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 those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.

