



TECHNICAL DATA SHEET

KEIM SECCOPOR®-FINO

1. PRODUCT DESCRIPTION

Special render with particularly good moisture transport and excellent moisture regulation.

Normal render mortar according to DIN EN 998-1.

Factory prepared dry mortar on lime cement basis with mineral and special pore inducing aggregates. Corresponds to mortar category CS II (mortar group PII according to DIN V 18550).

2. FIELD OF APPLICATION

KEIM Seccopor-Fino is used as top coat render in combination with KEIM Seccopor-Grosso

- for the restoration and fast drying of damp walls interior and exterior spaces. Especially suitable for damp cellar rooms, after flood damages, in historic or old buildings etc.,
- as moisture regulation in damp rooms to prevent from mould contamination,
- for exterior use. The illustrations in the KEIM Seccopor brochure have to be observed when performing the plinth. KEIM Seccopor-Fino is not suitable for the plinth area.

3. PRODUCT PROPERTIES

- Unique drying performance due to specific pore geometry and extremely high diffusion capability.
- In case of salt contamination in combination with high humidity, salt transport to the building material surface is possible. Therefore possibly reduced coating capability (preliminary examination and salt analysis recommended).
- Unlimited high capillary water transport (non-hydrophobized)
- Machine-compatible
- Grain size: up to 0.6 mm
- Gross density of fresh mortar: approx. 1.6 kg/dm³
- Air void content of fresh mortar: ≥ 20%
- Gross density of cured mortar: approx. 1.3 kg/dm³
- Porosity of cured mortar: ≥ 40%

Colour shade:

natural white

Material characteristics according to DIN EN 998-1:

- Pressure resistance
after 28 days: Category CSII
1.5 - 5.0 N/mm²
- Water vapour permeability μ : ≤ 11
- Fire behaviour: Class A1
- Capillary water absorption: W0
- Adhesive tensile strength: ≤ 0.08 N/mm²
(fracture pattern A, B or C)
- Thermal conductivity
 $\lambda_{10, \text{dry, mat}}$ ≤ 0.39 W/(mK) for P=50%
≤ 0.43 W/(mK) for P=90%
(table values to EN 1745)

4. APPLICATION INSTRUCTIONS

Substrate preparation:

Substrate must be sound and clean. Thoroughly roughen the base render. Prewet dry and absorbing substrates.

Processing:

Add bag content to 5-6 l of water and mix with a suitable mixer for approx. 1-2 minutes. The mixing time must be strictly observed. Don't add any other additive. Processing time: Apply within 30 minutes immediately after mixing. Do not remix already stiffened material. (Seccopor-Fino can also be processed with a common plastering machine).

Render structure:

The base coat is performed with KEIM Seccopor-Grosso. After roughening KEIM Seccopor-Fino can already be applied the next day and textured, felted or washed in.

Minimum layer thickness of KEIM Seccopor-Fino:

A minimum thickness of 5 mm is required in case of a subsequent coating with KEIM Purkristalat. A thickness of 7 mm per layer must not be exceeded.

Application conditions:

Must not be processed at high air temperatures, strong wind or temperatures below +5 °C (air and wall).

Note:

Due to the drying function of the render, salt efflorescences on the render surface may occur in case of high salt concentration in the substrate. These can be swept off if needed.

Coloured paint coating:

Strong sintering layers should be removed using appropriate methods. A coating can only be performed on salt-free and hardened surfaces. The minimum setting time before painting is 14 days. For interior spaces KEIM Ecosil-ME or KEIM Biosil is recommended and for outside KEIM Unikristalat, KEIM Purkristalat or KEIM Granital.

Consumption:

Approx. 1.4 kg per m² and mm render thickness. 1 bag (25 kg) equals to approx. 3.5 m² at a layer thickness of 5 mm.

Cleaning of tools:

Immediately after use with water.

5. PACKAGING

25 kg sack (pallet: 36 x 25 kg = 900 kg)

6. STORAGE

Approx. 12 months if kept dry (wooden grating or pallet).

7. DISPOSAL

EC Waste Code No. 17 01 07

Do not allow the product to enter the sewer system. Solidify any residual material with water and dispose of in a building material landfill site. Empty sacks should be disposed of in accordance with official regulations.

8. SAFETY INSTRUCTIONS

Giscode: ZP1

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, ceramics 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.



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