



## TECHNICAL DATA SHEET

# KEIM SECCOPOR<sup>®</sup>-FINO

## 1. PRODUCT DESCRIPTION

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Special plaster with particularly good moisture transport and excellent moisture regulation. Normal plaster mortar according to DIN EN 998-1. Factory-made dry lime-cement-based mortar with mineral aggregates and special pore-forming additives. Corresponds to mortar category CS II.

## 2. FIELD OF APPLICATION

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KEIM Seccopor-Fino Serves as finishing plaster in combination with Seccopor-Grosso for the repair and rapid drying of walls affected by moisture. Particularly suitable in damp basements, after flood damage, in historic buildings, old buildings etc.. Ideal for moisture regulation in damp rooms to prevent mould infestation. KEIM Seccopor-Fino Can also be used outdoors. KEIM Seccopor-Fino is not suitable for base areas.

## 3. PRODUCT PROPERTIES

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- good machine processability
- reduces risk of condensation
- unrestrictedly high capillary water transport (not hydrophobised)
- unique drying behavior thanks to the specific pore geometry
- fire behaviour: non-flammable (A1)

### MATERIAL CHARACTERISTICS:

- Fresh mortar bulk density: approx. 1,6 kg/dm<sup>3</sup>
- Maximum grain size: 0.6 mm

### CLASSIFICATION:

- Classification according to: DIN EN 998-1
- Compressive strength category: CS II 1,5 -5,0 N/mm<sup>2</sup>
- Test standard compressive strength: DIN EN 1015-11
- Adhesive tensile strength:  $\geq 0,08$  N/mm<sup>2</sup>
- Fracture pattern Adhesive tensile strength: A,B,C
- Test standard Adhesive tensile strength: DIN EN 1015-12
- Water absorption class: W0
- Test standard Water absorption: DIN EN 1015-18
- Porosity:  $\geq 40$  %
- Water vapour diffusion resistance number ( $\mu$ -value):  $\leq 11$

### COLOUR SHADES:

natural white

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues and must not be too absorbent. In the case of highly absorbent substrates or very warm ambient conditions, prewetting must be carried out.

### APPLICATION CONDITIONS:

Ambient and substrate temperature  $\geq 5$  °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 / MIXING & CONVEYING:

Mix KEIM Seccopor-Fino with approx. 5.5 - 6.5 l (specification per bag) of clean water with a power stirrer to a stiff-plastic consistency without lumps and allow to mature briefly. Do not remix already stiffened material with water. Application can be performed by hand, via continuous mixer or rendering machine. When mixing, mix with a motor whisk for approx. 1 - 2 minutes. Application time: Apply immediately after mixing, within 30 minutes. Do not remix material that has already stiffened.

### APPLICATION:

Apply mixed KEIM Seccopor-Fino quickly with suitable tools in uniform layer thickness.

### LAYERING SYSTEM:

Plaster structure: The base coat is applied with KEIM Seccopor-Grosso. After roughening, KEIM Seccopor-Fino can be applied the next day and textured, felted or washed in. A layer thickness of 7 mm must not be exceeded per layer.

### TOP RENDER:

When using KEIM Seccopor-Fino as finishing plaster, the surface can be felted with a sponge board after sufficient consolidation. Free texturing or washing is also possible.

### AFTERTREATMENT:

KEIM Seccopor-Fino must be protected from drying out too quickly due to sun or wind, or kept moist if necessary.

### FINISHING:

For a subsequent coat of KEIM Purkristalat, a minimum layer thickness of 5 mm is required in any case. Painting is only reliably possible on salt-free and hardened surfaces. Minimum waiting time before painting 14 days. KEIM Ecosil-ME or KEIM Biosil is recommended for interior use. KEIM Unikristalat, KEIM Purkristalat and KEIM Granital are suitable for exterior use. Sintered layers should be removed by suitable methods before painting.

### SETTING TIME:

Allow to stand for 14 days before painting.

### CONSUMPTION:

approx. 1,4 kg/m<sup>2</sup> per mm

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

### CLEANING OF TOOLS:

Clean tools, machines and mixers immediately after use with water. In hardened state only a mechanical removal is possible.

## 5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
25	kg	36	bag

### 6. STORAGE

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max. storage time	Storage conditions
12 months	dry

### 7. DISPOSAL

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

#### EC WASTE CODE:

Waste code: 17 01 01

### 8. SAFETY INSTRUCTIONS

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Please, refer to the Material Safety Data Sheet.

#### GISCODE:

GIS code: ZP 1

### 9. GENERAL INFORMATION

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Due to the drying function of the plaster, salt efflorescence may occur on the plaster surface if the substrate is exposed to salt. These can be swept off if necessary.

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

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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.