



TECHNICAL DATA SHEET

KEIM ROMANIT®-KSP

1. PRODUCT DESCRIPTION

KEIM Romanit-KSP is a mineral ecological universal lime filler for smooth and demanding interior surfaces. Due to its outstanding building-physical properties, KEIM Romanit-KSP is very well suited for ecological housing construction.

2. FIELD OF APPLICATION

KEIM Romanit-KSP is used to create smoothed surfaces in the interior of walls and ceilings in renovation and new construction. KEIM Romanit-KSP can be used as a surface filler on all common interior substrates.

Non-suitable substrates are:

- gypsum renders
- lime-gypsum renders

3. PRODUCT PROPERTIES

- suitable for allergy sufferers
- mineral
- natural white, silk-matt lime surface
- permeable
- highly absorbent, promotes a pleasant indoor climate
- anti-fungal and anti-algae thanks to natural alkalinity
- fire behaviour: non-flammable (Class A1 as per EN 13501-1 acc. to classification report)
- no preservatives added

MATERIAL CHARACTERISTICS:

- Bulk density: approx. 1000 kg/m³

CLASSIFICATION:

- Compressive strength category: CS I 0,4 - 1,5 N/mm²
- Water absorption class: W0
- Test standard Water absorption: DIN EN 1015-18

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be load-bearing, dry, clean and free of dust and grease. Base plasters must be sufficiently set and roughened. For concrete surfaces, a scratch coat is recommended to reduce blistering. Highly absorbent, mineral substrates can be adjusted in terms of absorbency by pre-wetting or with KEIM Spezial-Fixativ.

APPLICATION CONDITIONS:

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

PREPARATION OF MATERIAL / MIXING & CONVEYING:

Mix KEIM Romanit-KSP with approx. 7,5 - 8.5 l of clean water per bag with a power stirrer e.g. with a basket mixing paddle such as Collomix KR 140 HF at least for 2 min. to a lump-free, smooth consistency suitable for processing.

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APPLICATION:

Application method:

For manual application, apply the material evenly and without lumps and smooth the surface without burrs. A maximum application thickness of 2 mm per layer and a total thickness of all layers of max. 4 mm must be observed.

Mechanical application of KEIM Romanit-KSP is also possible. For this purpose, the mixed KEIM Romanit-KSP can be applied with a suitable machine, e.g. suitable airless sprayer or high-pressure screw pump with a nozzle size ≥ 443 or larger. For mechanical application, select the water addition in the upper range when mixing. Before interrupting work for a longer period, thoroughly clean the machine and hoses.

Surface treatment: To achieve smooth surfaces, the surface can be additionally smoothed with a trowel after a short waiting time. KEIM Romanit-KSP can be sanded after curing. As an alternative to smoothing or sanding, KEIM Romanit-KSP can also be felted with a hand sponge when fresh.

CONSUMPTION:

approx. 1,0 - 2,0 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.

CLEANING OF TOOLS:

Clean immediately with water.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
20	kg	30	bag

6. STORAGE

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

7. DISPOSAL

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

EC WASTE CODE:

Waste code: 17 01 01

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

GISCODE:

GIS code: ZP 1

9. GENERAL INFORMATION

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.