



## TECHNICAL DATA SHEET

# KEIM SPACHTEL

## 1. PRODUCT DESCRIPTION

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Ready-to-use silicate-based filler for mineral substrates, indoors and outdoors.

## 2. FIELD OF APPLICATION

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Flat filling (levelling) of plaster and concrete as preparation for dispersion silicate paints, silicate paints or silicate plaster. Embedding of fabric for reinforcement.

## 3. PRODUCT PROPERTIES

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- ready to use
- purely mineral fillers
- odourless

### MATERIAL CHARACTERISTICS:

- Density: approx. 1,7 - 1.8 g/cm<sup>3</sup>
- Maximum grain size: 0.5 mm
- Maximum layer thickness: 4 mm

### CLASSIFICATION:

- Diffusion-equivalent air layer thickness (sd-value): ≤ 0,08 m
- Water absorption coefficient w: approx. 0,7 kg/(m<sup>2</sup>√h)

### COLOUR SHADES:

white

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

The substrate must be sound, solid, dry, clean and free from dust and grease. Loose parts, also those of old coats, must be removed with a wire brush, spatula or water pressure blasting.

### APPLICATION CONDITIONS:

Air and substrate temperature during application and drying must be ≥ 8 °C and up to max. 80% rel. humidity. Only work in dry weather conditions. Do not apply in direct sunlight or on sun-heated substrates. Protect surfaces from rain after application. Be careful in case of night frost.

### APPLICATION:

The filler is ready to use. Apply thinly with a trowel. When embedding the fabric, apply the 1st filler layer (approx. 2 mm), press in the fabric with a trowel or dry roller and smooth out the excess filler with a trowel; after hardening of the 1st filler layer apply a 2nd layer with a trowel. The total layer thickness should not exceed 4 mm with fabric embedding. Deeper areas must be pre-filled.

Dilution: As a rule, use the material undiluted. If necessary, it can be diluted with KEIM Spezial-Fixativ.

## TECHNICAL DATA SHEET – KEIM SPACHTEL

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### FINISHING:

KEIM Spachtel can be recoated with KEIM Purkristalat with the addition of 50% KEIM Kristall-Felsit in the primer coat and with all ready-to-coat silicate-based paints.

### DRYING TIME:

Can be overcoated after 24 hours at the earliest (at 23 °C and 50% RH). At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

### CONSUMPTION:

approx. 2 kg/m<sup>2</sup> 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

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Container content	Unit of measure	Quantity on pallet	Type of container
25	kg	24	bucket
5	kg	70	bucket

## 6. STORAGE

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max. storage time	Storage conditions
6 months	cool frost-free keep container tightly sealed. protected from heat and direct sun.

## 7. DISPOSAL

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

### EC WASTE CODE:

Waste code: 08 01 12

## 8. SAFETY INSTRUCTIONS

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Please, refer to the Material Safety Data Sheet.

## 9. GENERAL INFORMATION

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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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## TECHNICAL DATA SHEET – KEIM SPACHTEL

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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.

