



TECHNICAL DATA SHEET

KEIM SPACHTEL

1. PRODUCT DESCRIPTION

Ready-to-use silicate-based filler composition for interior and exterior mineral substrates

2. FIELD OF APPLICATION

Extensive filling (levelling) of render and concrete in preparation for silicate emulsion paints, silicate paints or silicate render. Embedding reinforcement fabric.

3. PRODUCT PROPERTIES

Purely mineral fillers, potassium water glass, pure acrylate emulsion.

- Layer thicknesses: 0 – 3 mm
- Grain size 0 – 0.5 mm

Material characteristics:

- Specific weight: approx. 1.7- 1.8 g/cm³
- Vapour diffusion resistance: $s_d = 0.08 \text{ m}$
at 0.5 mm layer
thickness
- Water absorption coefficient: $w = 0.7 \text{ kg /m}^2 \cdot \text{h}^{0.5}$

Colour shade

White

4. APPLICATION INSTRUCTIONS

Substrate preparation:

The substrate must be clean, dry and sound; loose material (including existing coatings), must be removed with a wire brush, palette knife or by water jetting.

Application:

The filler composition is ready to use. Apply thinly with a trowel. If embedding fabric, apply a 1st layer of filler (approx. 2 mm), press in fabric with a trowel or dry roller and smooth down any projecting filler with a trowel; once the 1st layer of filler has hardened, apply a 2nd layer with a trowel.

Total layer thickness should not exceed 4 mm if fabric is embedded. Deeper cavities must be filled beforehand.

Drying time:

Drying time depends on layer thickness and weather conditions.

Thin layers, dry weather: 1 day

Thicker layers, damp weather conditions: several days

Dilution:

In general, apply material undiluted. May, if necessary, be diluted with KEIM Spezial-Fixativ. Third-party additives are not admissible.

Finishing:

KEIM Spachtel may be overcoated with KEIM Purkristalat with the addition of 50% KEIM Kristall-Felsit in the priming coat and with any ready-to-apply silicate-based paints.

Consumption:

Approx. 1.5 kg/m² per mm of layer thickness.

Precise consumption values must be determined on the object being treated.

Application:

From 8°C air and substrate temperature and up to max. 80% rel. atmospheric humidity. Only work in dry weather conditions. Do not apply in strong sunlight or onto substrates heated by the sun. After application, protect surfaces from rain. Beware of overnight frost.

Cleaning of tools:

Clean with water immediately when work is interrupted and after the end of work.

5. PACKAGING

5 kg and 25 kg containers

6. STORAGE

6 months in sealed container under cool, frost-free conditions. Protect from heat and direct sunlight.

7. DISPOSAL

EC Waste Code No. 08 01 12

Any residues must be emptied out of containers before recycling.



8. SAFETY INSTRUCTIONS

Giscode: BSW10

The mineral binder has an alkaline action. Protect surfaces which are not to be treated by covering. Any splashes on surrounding surfaces 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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