



## TECHNICAL DATA SHEET

# KEIM SPACHTEL

## 1. PRODUCT DESCRIPTION

Ready to use silicate-based filler for all mineral substrates, interior and exterior.

## 2. FIELD OF APPLICATION

Surface filling (equalisation) of render and concrete as preparation for mineral paint or KEIM Universal Render. Reinforced fibre can be embedded as required.

## 3. PRODUCT PROPERTIES

Purely mineral fillers, potassium waterglass emulsion.

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

### Material characteristics

Specific Weight: approx. 1.7g/cm<sup>3</sup>  
Vapour diffusion resistance:  
 $s_d = 0.08m$  at 0.5mm layer thickness  
Water absorption coefficient:  
 $w = 0.7 \text{ kg/m}^2\text{h}^{0.5}$

### Colour shade

White

## 4. APPLICATION INSTRUCTIONS

### Substrate preparation

The substrate must be clean, dry and sound. Loose material should be removed with a wire brush, scraper or water pressure jet.

### Application

KEIM Spachtel is supplied ready to use. Apply in thin layer(s) by trowel. If reinforcement fibre fabric is to be embedded apply a first layer (approx. 2mm thick), press in the fabric and smooth out the excess filler by trowel. Once the first layer has hardened, apply a second layer by trowel. The total layer thickness should not exceed 5mm.

Deeper areas that require filling should be filled first of all up to a maximum of 10mm thickness in total.

### Application conditions

Ambient and substrate temperature above 5°C and below 30°C. Do not apply in direct sunlight or onto sun-heated surfaces, nor if it is raining or if there is an immediate likelihood of rain.

### Setting Time

The setting time depends upon the layer thickness and weather conditions.

Thin layer, dry weather	1 day
Thick layer, humid weather	several days

### Subsequent Coats

KEIM Spachtel can be painted with any of the KEIM Mineral Paint systems.

### Consumption

Per 1mm layer thickness approx. 2 kg/m<sup>2</sup> or 10kg/m<sup>2</sup> for 5mm thick repair

Consumption rates are offered for guideline purposes only and are quoted for smooth rendered surfaces. Actual rates are the responsibility of the applicator. Project specifications should be referred to for specific rates.

### Cleaning of tools

Clean immediately after use with water

## 5. PACKAGING

5 kg and 25 kg containers

## 6. STORAGE

Approx. 6 months, if kept cool but frost free in tightly closed containers.

## **7. DISPOSAL**

EC Waste Code No. 08 01 12

Any residues must be emptied out of containers before recycling.

## **8. SAFETY INSTRUCTIONS**

Cover surfaces which are not to be painted, in particular glass, natural stone, ceramics etc. Protect the eyes and skin from splashes. Keep out of reach of children.

Please, refer to the EC Material Safety Data Sheet

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