



## TECHNICAL DATA SHEET

# KEIM MARANO®-PRO

## 1. PRODUCT DESCRIPTION

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KEIM Marano-Pro is an all-round filler composition and can be used for all common interior substrates in both new construction and renovation. KEIM Marano-Pro is ready to use and primarily intended for hand application; if necessary, it can Marano-Pro also be applied by machine.

## 2. FIELD OF APPLICATION

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KEIM Marano-Pro is ideal for full-surface filling of wall and ceiling surfaces. KEIM Marano-Pro can be used on mineral, organic and mixed substrates. KEIM Marano-Pro enables a fine surface appearance with a very high degree of whiteness and good surface resistance.

## 3. PRODUCT PROPERTIES

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- universally applicable
- partially applicable and over the entire surface
- can be feathered out to zero
- very good sandability
- high filling capacity
- very high degree of whiteness
- fine surface appearance
- mineral
- low-odour

### MATERIAL CHARACTERISTICS:

- |                            |                                     |
|----------------------------|-------------------------------------|
| - Density:                 | approx. 1.7 - 1.8 g/cm <sup>3</sup> |
| - Organic content:         | < 5 %                               |
| - pH value:                | approx. 9                           |
| - Maximum grain size:      | 0.15 mm                             |
| - Maximum layer thickness: | 4 mm                                |

### COLOUR SHADES:

white

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

Substrates must be dry, clean and free from oil, grease, dust and other surface contaminations. Concrete and render substrates must be completely dry and hardened. For concrete substrates, a maximum residual moisture of 3% must not be exceeded.

### APPLICATION CONDITIONS:

Ambient and substrate temperature during application and drying must be  $\geq 5$  °C.

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### CONSUMPTION:

approx. 1,75 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.

### APPLICATION:

The filler is ready to use. Apply a thin layer with a trowel, without exceeding a maximum layer thickness of 4 mm. Deeper areas must be pre-filled. The dry surface can be sanded with fine sandpaper (min. 120 grain). For spray application, suitable equipment must be used, such as powerful airless piston pumps (e.g. Graco Mark 7 and higher) (nozzle ≥ 545 , without filter) or screw pump technology.

### FINISHING:

Note:

We recommend priming with KEIM Soliprim after sanding and thoroughly removing dust from the trowel surface.

The filler must be coated with a suitable interior paint, e.g. KEIM Innostar, KEIM Innopro or KEIM Innotop.

### DRYING TIME:

Can be overcoated after 9 hours at the earliest (at 23°C and 50% RH). At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

### CLEANING OF TOOLS:

Clean immediately with water.

## 5. PACKAGING

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Container content	Unit of measure	Quantity on pallet	Type of container
18	kg	33	bucket

## 6. STORAGE

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

## 7. DISPOSAL

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

Waste code: 08 02 99

## 8. SAFETY INSTRUCTIONS

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Please, refer to the Material Safety Data Sheet. EU limit value for this product .

This product contains: - g/l VOC.

## 9. GENERAL INFORMATION

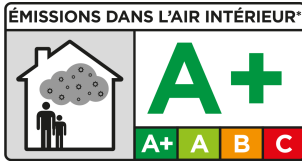
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Any splashes on surrounding surfaces must be rinsed off immediately with water.

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.