



## TECHNICAL DATA SHEET

# KEIM INNOPRO®

## 1. PRODUCT DESCRIPTION

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KEIM Innopro is a high-quality sol-silicate paint for interior use according to DIN EN 13 300 (also fulfils the requirements according to DIN 18 363, 2.4.1 Dispersion silicate paint). KEIM Innopro is awarded with Cradle to Cradle Certified® Silver and C2C Certified Material Health Certificate™ Gold.

## 2. FIELD OF APPLICATION

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KEIM Innopro is the comfort paint among interior wall paints. KEIM Innopro is universally applicable and suitable for both wall and ceiling surfaces. KEIM Innopro It can be used on all common substrates in new buildings as well as for renovation coatings. KEIM Innopro is particularly recommended for use on woodchip wallpaper. Due to its rub resistance, KEIM Innopro is also suitable for surfaces subject to wear and tear. Its comfort whiteness creates a harmonious room atmosphere.

Not suitable for:

substrates with salt efflorescences; lacquered surfaces; wood substrates

## 3. PRODUCT PROPERTIES

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- comfortable processing: very good flow, perfect to paint corners and edges, long open time
- pleasant white colour shade
- excellent covering power
- Cradle to Cradle Certified®-Certificate Silver
- C2C Certified Material Health Certificate™ Gold
- highly permeable
- anti-fungal and anti-algae thanks to natural alkalinity
- fire behaviour: non-flammable (Class A2-s1,d0 as per EN 13501-1 acc. to classification report)
- no solvents added
- no plasticisers added
- no preservatives added
- low-odour

### MATERIAL CHARACTERISTICS:

- Density: approx. 1.5 - 1.6 g/cm<sup>3</sup>
- Organic content: < 5 %
- pH value: approx. 11

### CLASSIFICATION:

- Classification according to: DIN EN 13300
- Classification according to VOB: Silicate emulsion paint according to DIN 18363 sec. 2.4.1
- Diffusion-equivalent air layer thickness (sd-value): ≤ 0,01 m
- Wet abrasion resistance: Class 2
- Test standard Wet Abrasion Resistance EN ISO 11998: EN ISO 11998
- Contrast ratio (covering power): Class 1
- Yield of contrast ratio (covering capacity): 7 m<sup>2</sup>/L
- Standard Hiding power ISO 6504-3: ISO 6504-3

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- Gloss level at 85°: dull matt
- Standard Gloss level ISO 2813: ISO 2813
- Maximum particle size: fine (<100 µm)
- Standard Maximum particle size EN 1524: EN 1524

### COLOUR SHADES:

White, colour shades only with pure mineral lightfast pigments. KEIM Innopro can be tinted with KEIM PPF-Technology® according to all common colour collections. Please always check the colour for correctness before application. Only use colour shades from one tinting batch within a surface.

### COMPOSITION

Full declaration in compliance with the "natureplus®" award guideline:

Silicate and calcite fillers, titanium dioxide, silica sol, water, polyacrylate, hydrophobing agents, thickeners, stabilisers, wetting agents, defoamers. Origin of mineral fillers: Germany and/or Austria.

## 4. APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION:

The substrate must be sound, solid, dry, clean and free from dust and grease. No pretreatment is required for gypsum fillers. Optimisation of the surface homogeneity of the subsequent coats, especially under difficult lighting conditions, can be achieved by pre-treatment with KEIM Soliprim. In case of glancing light conditions, ensure adequate substrate preparation, suitable tools and increased care during application.

### APPLICATION CONDITIONS:

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

### PREPARATION OF MATERIAL:

Stir up KEIM Innopro thoroughly before application.

### CONSUMPTION:

approx. 125 mL/m<sup>2</sup> for a single coating.

These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

### APPLICATION:

KEIM Innopro can be painted, rolled or airless sprayed (nozzle  $\geq 421$  ).

Primer coat: Apply KEIM Innopro undiluted or diluted with max. 10 % of water.

Final coat: Apply KEIM Innopro undiluted.

Note: In the ceiling area, a dilution of max. 3% water is recommended.

### DRYING TIME:

Can be overcoated after 6 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

Container content	Unit of measure	Quantity on pallet	Type of container
12.5	L	32	bucket
5	L	70	bucket

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Container content	Unit of measure	Quantity on pallet	Type of container
2.5	L	80	bucket

### 6. STORAGE

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

### 7. DISPOSAL

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

Waste code: 08 01 12

### 8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

The paint is formulated without the addition of preservatives. Medium and intensive colour shades may contain traces of pot preservatives.

### 9. GENERAL INFORMATION

Class A2-s1, d0 does not apply to colours in price group 3.

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



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.



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