



## TECHNICAL DATA SHEET

# KEIM INNOTOP®

## 1. PRODUCT DESCRIPTION

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KEIM Innotop is a ready-to-use sol-silicate paint for interior use in accordance with DIN EN 13 300 (also meets the requirements of DIN 18363 section 2.4.1, dispersion silicate paint). KEIM Innotop is awarded with Cradle to Cradle Certified® Silver and C2C Certified Material Health Certificate™ Gold.

## 2. FIELD OF APPLICATION

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KEIM Innotop is suitable for all common interior wall and ceiling surfaces. KEIM Innotop is suitable for new as well as typical renovation coats in residential and commercial areas. For levelling inhomogeneous substrates, KEIM Innotop white is also available as a coarse variant. KEIM Innotop Can be used to paint all common interior substrates.

Not suitable for:

lacquered surfaces; wood substrates; substrates with salt efflorescences

## 3. PRODUCT PROPERTIES

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- economical in consumption
- very good covering power
- AgBB-approved
- C2C Certified Material Health Certificate™ Gold
- Cradle to Cradle Certified®-Certificate Silver
- QNG-konform
- highly permeable
- 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

### MATERIAL CHARACTERISTICS:

- Density: approx. 1.4 - 1.7 g/cm<sup>3</sup>
- Organic content: < 5 %
- pH value: approx. 11

### CLASSIFICATION:

- Classification according to: EN 13300
- Classification according to VOB: Silicate emulsion paint according to DIN 18363 sec. 2.4.1
- Water vapour diffusion current density (V-value): > 2000 g/(m<sup>2</sup> · d)
- Diffusion-equivalent air layer thickness (sd-value): ≤ 0,01 m
- Standard Diffusion equivalent air layer thickness: DIN EN ISO 7783
- Wet abrasion resistance: R-Class 3
- Test standard Wet Abrasion Resistance: EN ISO 11998
- Covering power (Contrast ratio): H10-Class 1

- Yield of covering capacity (contrast ratio): 6 m<sup>2</sup>/L
- Standard Hiding power: ISO 6504-3
- Gloss level: G4 – dull matt (measuring angle 85°)
- Standard Gloss level: ISO 2813
- Maximum particle size: fine
- Standard Maximum particle size: EN 1524

**COLOUR SHADES:**

White, colour shades only with pure mineral lightfast pigments. KEIM Innotop 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.

**4. APPLICATION INSTRUCTIONS**

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**SUBSTRATE PREPARATION:**

The substrate must be sound, solid, dry, clean and free from dust and grease. No pretreatment is required for gypsum fillers. Pretreat sanding and highly absorbent substrates with KEIM Soliprim or KEIM Spezial-Fixativ. In difficult light conditions (glancing light), a primer coat of KEIM Innoprim or a pre-primer of KEIM Soliprim optimises surface homogeneity and extends the open time of subsequent coats. In this case, care must be taken to ensure that the substrate is adequately prepared, that suitable tools are used and that extra care is taken during processing.

**APPLICATION CONDITIONS:**

Ambient and substrate temperature during application and drying must be  $\geq 5^{\circ}\text{C}$ .

**PREPARATION OF MATERIAL:**

Stir up KEIM Innotop thoroughly before application.

**CONSUMPTION:**

approx. 125 - 150 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 Innotop can be painted, rolled or airless sprayed (nozzle  $\geq 423$  ).

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

Final coat: Apply KEIM Innotop undiluted.

**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**

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Container content	Unit of measure	Quantity on pallet	Type of container
12.5	L	32	bucket
5	L	70	bucket
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. EU limit value for this product (Cat. A/a): 30 g/l.

This product contains: 0 - 1 g/l VOC..

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

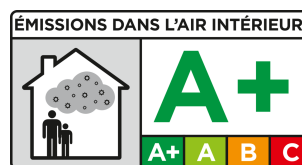
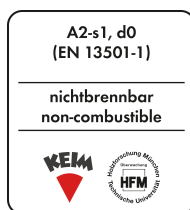
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## 9. GENERAL INFORMATION

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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