



TECHNICAL DATA SHEET

KEIM INNOTOP®-GROB

1. PRODUCT DESCRIPTION

KEIM Innotop-Grob is a ready-to-use, slurry-applied sol-silicate paint for interior use according to DIN EN 13300 (also fulfils the requirements of DIN 18363 section 2.4.1, dispersion silicate paint). KEIM Innotop-Grob is awarded with the Cradle to Cradle Certified®-Certificate Silver and the C2C Certified Material Health Certificate™ Gold.

2. FIELD OF APPLICATION

KEIM Innotop-Grob can be used to apply slurry or slightly granulated primer coats on all common interior wall and ceiling surfaces.

Coarse material is not suitable for finishing coats.

Not suitable for:

wood substrates; lacquered surfaces; substrates with salt efflorescences

3. PRODUCT PROPERTIES

- economical in consumption
- very good covering power
- harmless to health
- low stress
- low environmental impact
- Cradle to Cradle Certified®-Certificate Silver
- C2C Certified Material Health Certificate™ Gold
- highly permeable
- fire behaviour: non-flammable
- no solvents added
- no plasticisers added
- no preservatives added

MATERIAL CHARACTERISTICS:

- Density: approx. 1.4 - 1.8 g/cm³
- 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
- Water vapour diffusion current density (V-value): > 2000 g/(m² · d)
- Diffusion-equivalent air layer thickness (sd-value): < 0,01 m

COLOUR SHADES:

white

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 ≥ 5 °C.

PREPARATION OF MATERIAL:

Stir up KEIM Innotop-Grob thoroughly before application.

APPLICATION:

KEIM Innotop-Grob can be mixed with KEIM Innotop in any ratio. KEIM Innotop-Grob can be painted, rolled or airless sprayed (nozzle ≥ 443).

Primer coat: Apply KEIM Innotop-Grob undiluted or diluted with max. 10 % of Water.

Final coat: Apply with undiluted KEIM Innotop.

DRYING TIME:

Can be overcoated after 12 hours at the earliest (at 23 °C and 50% RH). At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

CONSUMPTION:

approx. 0,15 l/m² 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.

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
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.

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EC WASTE CODE:

Waste code: 08 01 12

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

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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