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 has been awarded Cradle to Cradle Certified® Full Scope Silver, Material Health Gold and Circularity Silver in accordance with Version 5.0.

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.

3. PRODUCT PROPERTIES

- Cradle to Cradle Certified® Full Scope Silver (Version 5.0)
- Cradle to Cradle Certified® Material Health Gold (Version 5.0)
- Cradle to Cradle Certified® Circularity Silver (Version 5.0)
- low stress
- QNG compliant
- very good covering power
- permeable
- no solvents added
- no plasticisers added
- no preservatives added

MATERIAL CHARACTERISTICS:

– Density	approx. 1.4 g/cm³ - 1.8 g/cm³
– 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 flux 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 load-bearing, sound, dry, clean and free from dust and grease. Coatings with KEIM Innotop-Grob generally do not require any pre-treatment. Sanding and highly absorbent substrates are pre-treated 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. It is important to ensure that the substrate is properly prepared, that suitable tools are used and that extra care is taken during application.

Non-suitable substrates:
wood substrates; lacquered surfaces; substrates with salt efflorescences

APPLICATION CONDITIONS:
The air and substrate temperature during application and drying must be ≥ 5 °C.

MATERIAL PREPARATION:
KEIM Innotop-Grob must be stirred thoroughly before application.

CONSUMPTION:
approx. 0,15 L/m² for a single coating.
The information on material consumption is a guide for smooth substrates. Exact consumption figures must be determined by carrying out test areas.

PROCESSING:
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.

TOP COAT:

PAINT STRUCTURE:

DRYING TIME:
Can be overcoated after 12 hours at the earliest (at 23°C and 50% RH). At higher relative humidity, greater layer thicknesses or lower temperatures, the drying time is extended 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
2.5	L	80	bucket

6. STORAGE

Maximum 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

Refer to the safety data sheet. EU limit value for this product (Cat. A/a): 30 g/l.
This product contains: 0 - 1 g/l VOC.

GIS code: BSW 10

9. GENERAL INFORMATION

Cover surfaces not to be treated, particularly glass, ceramics and natural stone. Splashes on surrounding surfaces or traffic areas must be immediately diluted with plenty of water and removed.
Mixing with products from other systems or other external 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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