



TECHNICAL DATA SHEET

KEIM INNOTOP®

1. PRODUCT DESCRIPTION

KEIM Innotop is a ready-to-use sol-silicate interior paint manufactured in accordance with DIN EN 13 300 (also complies with DIN 18 363 sect. 2.4.1, silicate emulsion paint).

2. FIELD OF APPLICATION

KEIM Innotop is suitable for all conventional interior wall and ceiling surfaces. KEIM Innotop is used for first paintings and also for typical repaintings in living and business areas. For levelling of inhomogeneous substrates KEIM Innotop-Grob white is available. KEIM Innotop is suitable for all interior surfaces. Surfaces with salt efflorescences, enamels, wood and plastic wall coverings are not suitable.

3. PRODUCT PROPERTIES

- Very good hiding power
- Homogenous surface appearance
- Economic consumption
- Highly diffusible
- Low tension
- Ecologically sound
- Velvet matt surface
- Solvent- and plasticiser-free
- Harmless to health
- Non-combustible (class A2-s1,d0 to EN 13501-1)
- No preservatives added

Material characteristics:

- Org. content: < 5%
- Specific weight: approx. 1.4 - 1.7 g/cm³
- pH-value: approx. 11
- Diffusion-equivalent air layer thickness: $s_d \leq 0.01 \text{ m}$
(corresponds to water vapour diffusion density: $V > 2000 \text{ g/m}^2\text{d}$)

Classification according to DIN EN 13300:

- Gloss at 85°: dull matt
(to ISO 2813)
- Maximum grain size: fine
(to EN 21524)

- Contrast ratio (hiding power) at a yield of 6 m²/l:

class 1
(to ISO 6504-3)

- Wet abrasion resistance:

class 3
to EN ISO 11998
(i.e. „wash-resistant“
acc. to DIN 53778)

Colour shade

White, colour shades only with purely mineral, light-resistant pigments. KEIM Innotop can be tinted with KEIM PPF-Technology® according to all common colour collections. Prior to application, please, always check if the colour shade is correct. Within a surface, use only tinted paint material from the same tinting batch.

4. APPLICATION INSTRUCTIONS

Substrate preparation and application:

The substrate must be sound, solid, dry, clean and free of dust and grease. Substrate and air temperature during application and drying > 5 °C.

No pretreatment is necessary for gypsum based fillers. Optimization of surface homogeneity of subsequent paint coats, in particular under difficult light conditions, can be achieved by a pretreatment with KEIM Soliprim. In the case of glancing light conditions, the substrate must be appropriately prepared, suitable tools must be used and greater care must be taken with application.

KEIM Innotop may be applied by brush, roller or airless spraying (nozzle size 423; see technical data sheet „Airless technique“ for further information). Dilution of the product must always only be done with water.

Base coat:

Dilute 10 l of KEIM Innotop or Innotop-Grob with max. 1.0 l of clean water.

Top coat:

KEIM Innotop undiluted.

Drying times:

A drying time of approx. 6 hours must be observed between coats at a normal climate (20 °C and 65% relative humidity).



Consumption:

On a smooth substrate: approx. 125 - 150 ml KEIM Innotop per m² and coating.

Cleaning of tools:

Clean with water immediately after use.

5. PACKAGING

2.5 l, 5 l and 15 l container

6. STORAGE

12 months in sealed container under cool, frost-free conditions. Protect from heat and direct sunlight.

7. DISPOSAL

EC Waste Code No. 08 01 12

Any residues must be emptied out of containers before recycling.

8. SAFETY INSTRUCTIONS

Giscode: BSW10

Note:

Mixing with third-party products is not permitted! KEIM Innotop is formulated without the addition of pot preservatives. Medium and intensive colour shades may contain traces of pot preservatives.

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, ceramics etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. Keep out of reach of children. Ensure good ventilation during application and drying.

Please refer to EC Safety Data Sheet.

9. 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 those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.