



TECHNICAL DATA SHEET

KEIM INNOSTAR®

1. PRODUCT DESCRIPTION

KEIM Innostar is an ultra-covering, highly yielding sol-silicate interior paint manufactured in accordance with DIN EN 13 300 (also complies with DIN 18 363, 2.4.1, silicate emulsion paint).

2. FIELD OF APPLICATION

KEIM Innostar has excellent covering capacity in combination with an outstandingly elegant white colour shade. It is suitable for all common interior wall and ceiling surfaces. KEIM Innostar can be used for new or previously painted surfaces in residential or commercial spaces such as department stores, offices, schools or public authorities. KEIM Innostar has outstanding opacity so that one coat is mostly sufficient.

KEIM Innostar is suitable for all common interior substrates except for surfaces with salt efflorescences, varnishings or wood.

3. PRODUCT PROPERTIES

- Ultra-covering
- High degree of whiteness
- Very low-odour
- Excellent application properties
- Highly permeable ($s_d \leq 0.01$ m)
- Ecologically sound
- Matt surface
- Solvent- and plasticiser-free
- Incombustible
- Anti-mould
- silicate emulsion paint to DIN 18 363. 2.4.1
- Nature-plus certification

Material characteristics

$s_d \leq 0.01$ m
Specific weight approx. 1.4 - 1.6 g/cm³
Organic content: < 5%

Classification to DIN EN 13 300:

Gloss at 85°: dull matt (to ISO 2813)

Contrast ratio

(covering power)

at a yield of 8 l/m²: class 1
to ISO 6504-3

Wet abrasion resistance: class 1

to EN ISO 11998 (corresponds to
scrub-resistant to DIN 53778)

Maximal grain size: fine (< 100 µm)
(to EN 21524)

Colour shades:

White

4. APPLICATION INSTRUCTIONS

Substrate preparation

All loose, flaking and unstable material must be identified and then thoroughly removed, all surfaces must be thoroughly washed down with clean cold water to remove all surface dirt and dust. When all surfaces are clean, sound, wind dry, dust free and free from all surface contaminants, decoration using KEIM Innostar may proceed.

Application

KEIM Innostar should be applied by brush, roller or airless spray.

Application conditions

Ambient and substrate temperature above 5°C and below 30°C. Do not apply in direct sunlight or onto sun-heated surfaces.

Consumption

0.125lt per square metre per coat.

Consumption rates are offered for guideline purposes only and are quoted for smooth surfaces. Actual rates are the responsibility of the applicator.

Project specifications should be referred to for specific rates.

Cleaning of tools

Clean immediately after use with water.

5. PACKAGING

5 lt or 12.5 lt containers

6. STORAGE

Shelf life is approx. 12 months if kept dry, cool, but frost-free in tightly closed containers. Protect from moisture.

7. DISPOSAL

EC Waste Code No. 08 01 12.

After contact with water and after hardening the product can be disposed of as building rubble.

8. SAFETY INSTRUCTIONS

GISBAU Product Code/ GISCODE: GF 50

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, ceramics, wood etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.

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.

