



TECHNICAL DATA SHEET

KEIM INTACT®

1. PRODUCT DESCRIPTION

KEIM Intact is a universal silicate-based slurry coating for interior use according to DIN 18363 para. 2.4.1, dispersion silicate paint. KEIM Intact is awarded with the Cradle to Cradle Certified®-Certificate Silver and the C2C Certified Material Health Certificate™ Gold.

2. FIELD OF APPLICATION

KEIM Intact is suitable as a slurry primer coat or as a slurry additive for KEIM Biosil white or KEIM Ecosil-ME for slurry, levelling coating of inhomogeneous substrates, e.g. cracked old substrates, substrates with repairs or other structural differences. KEIM Intact can also be used if a roughness similar to plaster is to be achieved on smooth substrates (e.g. plasterboard). KEIM Intact and the mixtures with KEIM Intact as a slurry additive can be used as a primer coat or in two coats as a priming and finishing coat.

3. PRODUCT PROPERTIES

- particularly economic to refinish
- provides texture on flat substrates
- equalising
- very good adhesion
- mineral matt
- crack-filling
- Cradle to Cradle Certified®-Certificate Silver
- C2C Certified Material Health Certificate™ Gold
- permeable
- anti-fungal and anti-algae thanks to natural alkalinity
- fire behaviour: non-flammable
- no preservatives added
- no plasticisers added
- no solvents added

MATERIAL CHARACTERISTICS:

- Density: approx. 1.5 - 1.7 g/cm³
- pH value: approx. 11

CLASSIFICATION:

- Classification according to VOB: Silicate emulsion paint according to DIN 18363 sec. 2.4.1
- Diffusion-equivalent air layer thickness (sd-value): ≤ 0,02 m

COLOUR SHADES:

white

4. APPLICATION INSTRUCTIONS

TECHNICAL DATA SHEET – KEIM INTACT®

SUBSTRATE PREPARATION:

The substrate must be sound, solid, dry, clean and free from dust and grease. When applied to plasterboard, discolouration from the lignin components of the board may occur if the plasterboard has been exposed to the sun or has been installed or stored in a damp environment for a long time. These stains can be remedied after the primer coat by applying an intermediate coat from corner to corner with KEIM Isolierweiß before adding the top coat.

Highly absorbent or sanding substrates are pre-treated with KEIM Soliprim or Spezial Fixativ. Sound old coatings or sound residues of old coatings can be recoated with KEIM Intact. In the case of organic old coatings, the stability of the binder of the old coat against saponification. Glue paints must be thoroughly washed off. For old substrates, test areas are recommended to be able to detect penetrating substances (wood dyes, tar, etc.).

APPLICATION CONDITIONS:

Ambient and substrate temperature during application and drying must be ≥ 5 °C.

PREPARATION OF MATERIAL:

Stir up KEIM Intact thoroughly before application.

APPLICATION:

KEIM Intact can be painted or rolled. KEIM Intact can be mixed with KEIM Biosil white or KEIM Ecosil-ME in any ratio. For rational processing with the roller, mixtures in the ratio of 1:1 to 1:2 parts by volume KEIM Intact to KEIM Biosil or KEIM Ecosil-ME have proven successful. These mixtures also provide the best substrate conditions for subsequent silicate-based glazes. The slurry effect increases towards unmixed KEIM Intact.

Application with a brush gives the best slurry effect; application with a roller gives a more structured surface.

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. 0,25 l/m² for a single coating. If necessary, dilute with KEIM Spezial-Fixativ.

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
15	l	24	bucket
5	l	70	bucket
2.5	l	80	bucket

6. STORAGE

max. storage time	Storage conditions
12 months	keep container tightly sealed. cool frost-free

7. DISPOSAL

For disposal information refer to section 13 of the safety data sheet.

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.