



TECHNICAL DATA SHEET

KEIM LIGNOSIL®-INCO-DL

1. PRODUCT DESCRIPTION

KEIM Lignosil-Inco-DL is the silicate diluent for KEIM Lignosil-Inco. KEIM Lignosil-Inco-DL is awarded with Cradle to Cradle Certified® Silver and C2C Certified Material Health Certificate™ Gold.

2. FIELD OF APPLICATION

Dilution of the product KEIM Lignosil-Inco-DL for the adjustment of semi-transparent to transparent (glazing) silicate paint coatings and for the design of wood and wood-based materials in the interior.

Not suitable for:
mechanically stressed surfaces

3. PRODUCT PROPERTIES

- particularly economic to refinish
- C2C Certified Material Health Certificate™ Gold
- permeable
- no solvents added
- no plasticisers added
- no hazardous emissions
- no biocides added
- no preservatives added

MATERIAL CHARACTERISTICS:

- Density: approx. 1.1 - 1.2 g/cm³
- pH value: approx. 11

COLOUR SHADES:

colourless

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues. In the case of wood coatings, discolouration may occur due to wood ingredients. Please refer to the Technical Data Sheet KEIM Lignosil-Scudo.

APPLICATION CONDITIONS:

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

PREPARATION OF MATERIAL:

CONSUMPTION:

approx. 0,1 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.

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APPLICATION:

KEIM Lignosil-Inco can be applied by brush, roller or with an airless device. The top coat is applied after drying of the first paint coat, at the earliest after 24 hours. To achieve opaque coatings, KEIM Lignosil-Inco is applied undiluted. Glazing coatings can be achieved by diluting KEIM Lignosil-Inco with KEIM Lignosil-Inco-DL. We recommend a mixing ratio in the range of 1:1 to 1:20 (KEIM Lignosil-Inco : KEIM Lignosil-Inco-DL).

DRYING TIME:

Can be overcoated after 24 hours at the earliest (at 23°C and 50% RH). At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

CLEANING OF TOOLS:

Clean immediately with water.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
20	L	24	jerry can
5	L	96	jerry can

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.

Waste code: 08 01 12

8. SAFETY INSTRUCTIONS

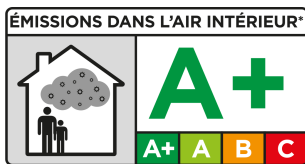
Please, refer to the Material Safety Data Sheet. EU limit value for this product .
This product contains: - g/l VOC.

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.

