TECHNICAL DATA SHEET

KEIM LIGNOSIL®-INCO-DL

1. PRODUCT DESCRIPTION

KEIM Lignosil-Inco-DL is the silicate thinner for KEIM Lignosil-Inco. KEIM Lignosil-Inco-DL 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

Thinning of the product KEIM Lignosil-Inco-DL for adjusting semi-transparent to transparent (glazing) silicate paint coatings and for designing wood and wood-based materials in interior areas

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)
- permeable
- no solvents added
- no plasticisers added
- no biocides added
- no preservatives added

MATERIAL CHARACTERISTICS:

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

COLOUR SHADES:
colourless

4. APPLICATION INSTRUCTIONS

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

Non-suitable substrates:
mechanically stressed surfaces; horizontal/inclined weathered surfaces such as: terrace and balcony floor, handrail stairs/ balcony

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

CONSUMPTION:
approx. 0,1 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 Lignosil-Inco can be applied with a brush, roller or airless sprayer. The final coat should be applied after the first coat has dried, at the earliest after 24 hours. To achieve opaque coatings, KEIM Lignosil-Inco should be applied undiluted. Glazed coatings can be achieved by diluting KEIM Lignosil-Inco with KEIM Lignosil-Inco-DL. A mixing ratio of 1:1 to 1:20 (KEIM Lignosil-Inco : KEIM Lignosil-Inco-DL) is recommended.

POST-TREATMENT:

DRYING TIME:
Can be overcoated after 24 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
20	L	24	jerry can
5	L	96	jerry can

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.

GIS code: BSW 40

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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