TECHNICAL DATA SHEET

KEIM LIGNOSIL®-VERANO-DL

1. PRODUCT DESCRIPTION

KEIM Lignosil-Verano-DL is used to adjust the transparency of the silicate greying glaze KEIM Lignosil-Verano and increases the wood transparency for the Classic colour shades. KEIM Lignosil-Verano-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

Silicate greying glaze in the KEIM Lignosil system for the design of non-dimensionally stable and limited dimensionally stable timber components in exterior areas, with fine-sawn, rough-sawn or micro-serrated/textured surface.
Interior application possible. Note: KEIM Lignosil-Verano-DL is not a water protection according to DIN EN 927-2.

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)
- matt finish
- non-film forming
- permeable
- fast-drying
- no biocides added

MATERIAL CHARACTERISTICS:

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

COLOUR SHADES:
colourless

4. APPLICATION INSTRUCTIONS

APPLICATION CONDITIONS:
Ensure the ambient and substrate temperatures are ≥ 5 °C during application and drying. Do not apply in direct sunlight or onto substrates heated by the sun. Protect surfaces from direct sunlight, wind and rain during and after application.

CONSUMPTION:
approx. 0,15 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:
Please observe the TDS KEIM Lignosil-Verano. KEIM Lignosil-Verano can be mixed with KEIM Lignosil-Verano-DL 2:1 to max. 1:1 to adjust the transparency and increase the wood visibility.

Note: The colour effect of Lignosil-Verano depends on the type of wood, the nature of the substrate as well as the method of application and can only be determined by creating sample surfaces. When using water-based products on wood, discolouration may occur due to wood ingredients.

TOP COAT:

PAINT STRUCTURE:

POST-TREATMENT:

DRYING TIME:
At higher relative humidity, greater layer thicknesses or lower temperatures, the drying time is extended accordingly. Please observe the TM KEIM Lignosil-Verano.

CLEANING OF TOOLS:
Clean immediately with water.

5. PACKAGING

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

6. STORAGE

Maximum storage time	Storage conditions
12 months	protected from heat and direct sun. keep container tightly sealed. frost-free cool

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. EU limit value for this product (Cat. A/d): 130 g/l.
This product contains: 0 - 1 g/l VOC.

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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