



TECHNICAL DATA SHEET

KEIM LIGNOSIL®-SCUDO

1. PRODUCT DESCRIPTION

KEIM Lignosil-Scudo is a clear special coating in the KEIM Lignosil system for interior and exterior use. With this special formulation KEIM Lignosil-Scudo prevents the penetration of colouring wood ingredients.

2. FIELD OF APPLICATION

KEIM Lignosil-Scudo is used as a clear insulating intermediate coating between the first and second paint coating in the KEIM Lignosil system.

KEIM Lignosil-Scudo must always be coated with KEIM Lignosil paint products!

The coordinated formulation ensures an optimal bond to the KEIM Lignosil colour products. For interior use, KEIM Lignosil-Scudo can be used as a primer, if necessary.

3. PRODUCT PROPERTIES

- safe insulating action
- excellent adhesion
- aqueous
- low-odour

MATERIAL CHARACTERISTICS:

- Density: approx. 1.0 - 1.1 g/cm³

COLOUR SHADES:

colourless

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be sound, dry (wood moisture content below 18% according to technical information No. 18 by BFS), clean, free of dust, loose parts, oil and any other substances with separative properties. Planed larch wood must be sanded before priming.

APPLICATION CONDITIONS:

Ambient and substrate temperature ≥ 8 °C during application and drying. Do not apply in direct sunlight or on sun-heated substrates. Protect surfaces from direct sun, wind and rain during and after application.

APPLICATION:

KEIM Lignosil-Scudo is preferably to be used with a brush or roller as an intermediate coating in interior and exterior areas. Can be applied with an airless device. KEIM Lignosil-Scudo is to be applied undiluted and after drying always to be coated with a KEIM Lignosil paint coating as top coat. Observe drying times!

DRYING TIME:

Surface dry after 0.5 hours at the earliest (at 23 °C and 50% relative humidity) 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.

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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.

CLEANING OF TOOLS:

Clean immediately with water.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
5	l	96	tin bucket
2.5	l	90	tin can

6. STORAGE

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

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.

GISCODE:

GIS code: BSW 20

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.

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.