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 reduces the risk of penetration of colouring wood ingredients.

2. FIELD OF APPLICATION

KEIM Lignosil-Scudo is applied as a colourless, insulating intermediate coat between the first and second colour coats in the KEIM Lignosil system.
KEIM Lignosil-Scudo must always be overcoated with KEIM Lignosil colour products!
The specially formulated composition ensures optimum adhesion to KEIM Lignosil paint products. For interior use, KEIM Lignosil-Scudo can be used as a primer where required.

Note:
KEIM Lignosil-Scudo can be used in some cases as a top coat over KEIM interior paints to reduce moisture absorption and the tendency to become soiled.
KEIM Lignosil-Scudo cannot prevent discolouration caused by the improper storage of timber.

3. PRODUCT PROPERTIES

- safe insulating action
- aqueous
- low-odour

MATERIAL CHARACTERISTICS:

- Density approx. 1.0 g/cm³ - 1.1 g/cm³

COLOUR SHADES:
colourless

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:
The substrate must be stable, dry (wood moisture content below 18% outdoors, below 9 ± 3% indoors, in accordance with BFS Merkblatt Nr. 18), clean and free of all loose particles, dust, oil and other substances that could cause separation. Planed larch wood must be sanded before treatment.

Non-suitable substrates:
horizontal and inclined surfaces exposed to weathering

APPLICATION CONDITIONS:
Ensure the ambient and substrate temperatures are ≥ 8 °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.

MATERIAL PREPARATION:

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-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!

TOP COAT:

PAINT STRUCTURE:

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, 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
5	L	96	tin bucket
2.5	L	90	tin can

6. STORAGE

Maximum 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.

Waste code: 08 01 12

8. SAFETY INSTRUCTIONS

Refer to the safety data sheet.

GIS code: BSW 20

9. GENERAL INFORMATION

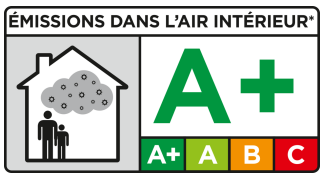
Cover surfaces not to be treated, particularly glass, ceramics and natural stone. Splashes on surrounding surfaces or traffic areas must be immediately diluted with plenty of water and removed.
Mixing with products from other systems or other external additives is not permitted.

10. CERTIFICATES & QUALITY SEALS









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