



## TECHNICAL DATA SHEET

# KEIM LIGNOSIL<sup>®</sup>-UV-M

## 1. PRODUCT DESCRIPTION

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KEIM Lignosil-UV-M ist eine innovative UV-Schutzbeschichtung für Holz und Holzwerkstoffe und vermindert die UV-bedingten Farbtonveränderungen von Holzoberflächen sowie die Verschmutzungsneigung und verbessert die Reinigungsfähigkeit. KEIM Lignosil-UV-M erhält die natürlichen hygroskopischen Eigenschaften des Holzes und sorgt somit für ein natürliches und angenehmes Raumklima.

## 2. FIELD OF APPLICATION

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Transparenter Schutz von Holzoberflächen gegen UV-lichtbedingte optische Veränderungen. Geeignet für den Innenbereich. Die transparente Beschichtung kann auch nachgängig auf allen Lignosil Innenbeschichtungen eingesetzt werden. Die transparente Beschichtung KEIM Lignosil-UV-M kann mit KEIM Lignosil-Inco/-DL überstrichen werden.

## 3. PRODUCT PROPERTIES

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- ready to use
- reduces UV-based changes on wood surfaces
- very low VOC-level
- no blocking
- AgBB-approved
- absolutely UV-resistant
- no preservatives added
- no plasticisers added
- low-odour

### MATERIAL CHARACTERISTICS:

- Density: ca. 1,0 - 1.2 g/cm<sup>3</sup>

### COLOUR SHADES:

transparent

## 4. APPLICATION INSTRUCTIONS

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### 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. 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  $\geq 5$  °C.

### CONSUMPTION:

0,1 L/m<sup>2</sup> je nach Saugverhalten des Holzes.

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:

Die Verarbeitung von KEIM Lignosil-UV-M ist mit Pinsel, Rolle oder industriell über Spritzautomaten z.B. im Airlessverfahren möglich.

Hinweis:

Die optische Wirkung von KEIM Lignosil-UV-M ist abhängig von der Holzart, der Art der Beschaffenheit des Untergrundes sowie der Art der Aufbringung und kann nur durch Anlegen von Musterflächen ermittelt werden.

### DRYING TIME:

Bei handwerklicher Verarbeitung:

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.

Bei industrieller Verarbeitung:

Trocknungsdauer eines mehrschichtigen Aufbaus innerhalb weniger Minuten. Dies ist von den vorhandenen Trocknungsparametern und Trocknungsanlagen abhängig.

### CLEANING OF TOOLS:

Clean immediately with water.

## 5. PACKAGING

| Container content | Unit of measure | Quantity on pallet | Type of container |
|-------------------|-----------------|--------------------|-------------------|
| 1,000             | L               | 1                  | IBC container     |
| 110               | L               | 3                  | barrel            |
| 20                | L               | 22                 | bucket            |

## 6. STORAGE

| max. storage time | Storage conditions  |
|-------------------|---|
| 6 months          | frost-free<br>cool<br>protected from heat and direct sun. |

## 7. DISPOSAL

For disposal information refer to section 13 of the safety data sheet.

Waste code: 08 01 11 \*

## 8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

GISCODE:

### 9. GENERAL INFORMATION

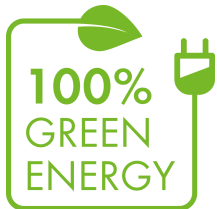
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Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.

Mixing with products not part of the system or other foreign additives is not permitted.

### 10. CERTIFICATES & QUALITY SEALS

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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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