



## TECHNICAL DATA SHEET

# KEIM LOTEXAN<sup>®</sup>-N

## 1. PRODUCT DESCRIPTION

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Clear, hydrophobic finishing treatment based on silane/siloxane. KEIM Lotexan-N is made up of very small-parts and penetrates deep into the pores of the building material. After evaporation of the solvent, the active substance is deposited on the pore walls and forms its water-repellent effect through a chemical reaction with the normal building material and air humidity. The pores remain open and the water vapour diffusion capacity of the building material is maintained.

## 2. FIELD OF APPLICATION

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KEIM Lotexan-N is a water-repellent protective treatment, especially suitable for unpainted, porous natural stone. All common natural stones, alkaline and neutral, can be protected against water, acid rain and atmospheric pollution.

## 3. PRODUCT PROPERTIES

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- highly water-repellent
- highly water vapour permable

### MATERIAL CHARACTERISTICS:

- Density: approx. 0.8 - 0.9 g/cm<sup>3</sup>
- Active ingredient: Silane/siloxane base

### COLOUR SHADES:

colourless

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

For treatment with KEIM Lotexan-N, the natural stone surface must be open-pored, dust-free and dry.

### APPLICATION:

The surfaces to be treated are saturated with KEIM Lotexan-N by brush or better by flooding (do not spray) twice wet-on-wet, at intervals of approx. 10 minutes.

Penetration depth:

A minimum penetration depth of 2 mm is normally required for a functional hydrophobic coating.

Note: In case of previous natural stone or joint repairs or consolidation with KEIM Silex-OH, a waiting time of at least 10 days must be observed.

### DRYING TIME:

At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

### CONSUMPTION:

approx. 0,4 - 0,8 l/m<sup>2</sup> for two coatings.

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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### CLEANING OF TOOLS:

Clean immediately with water and some drops of detergent.

## 5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
25	l	14	metal canister
5	l	100	metal canister

## 6. STORAGE

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

### STORAGE INFORMATION:

The ingress of moisture must be avoided. Flammable substance. Store separately. Keep away from oxidising agents, sparks, heat and open flames.

## 7. DISPOSAL

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

### EC WASTE CODE:

Waste code: 14 06 03\*

## 8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

### GISCODE:

GIS code: BSL 50

## 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.