

KEIM Lotexan®-N (Water repellent)



1. Product description

Colourless, siloxane-based water repellent final treatment.

2. Field of application

KEIM Lotexan-N is suitable as a water repellent protective treatment, in particular for uncoated, porous natural stone. It can be used to protect all common kinds of natural stone, whether alkaline or neutral, from water, acid rain and atmospheric pollution.

3. Product properties

KEIM Lotexan-N penetrates into the pores of the natural stone. Once the solvent has evaporated, the active ingredient is deposited on the walls of the pores and develops its water repellency by reacting chemically with the moisture normally present in the building material and the atmosphere.

This treatment does not seal the pores in the natural stone, which means that its water vapour permeability remains practically unchanged.

Material characteristics

- Physical form: colourless liquid
- Density: approx. 0.8 g/cm³

4. Application instructions

For treatment with KEIM Lotexan-N, the surface of the natural stone must be open-pored, dust-free and dry. The surfaces to be treated are soaked to saturation twice wet-on-wet with an interval of approx. 10 minutes with KEIM Lotexan-N using a brush, or better, by flooding (do not spray).

Please note

If repairs have previously been carried out on the natural stone or the joints in the masonry or if the surface has been consolidated with KEIM Silex-OH, at least 10 days must be allowed to elapse before applying KEIM Lotexan-N.

Depth of penetration

A minimum depth of penetration of 2 mm is normally necessary in order to achieve effective water repellency. A minimum depth of penetration of 5 mm may be necessary for very coarse-pored types of stone.

Consumption

In order to achieve the minimum depth of penetration, consumption values for saturating the substrate twice range, depending on pore volume, between 0.4 l and 0.8 l/m². 0.5 l/m² is usually sufficient. Exact consumption values can only be determined by painting trial areas on the structure to be coated or by sending samples for laboratory testing.

Cleaning of tools

In a bucket of water with a few drops of detergent. Rewash under running water.

5. Packaging

5 l or 25 l containers

6. Storage

KEIM Lotexan-N has a shelf life of 12 months under cool, dry conditions. Protect from heat and direct sunlight. Always carefully seal opened containers. It is essential to avoid contact with moisture.

7. Hazardous substances ordinance class

Xn	Harmful
N	Dangerous for the environment, contains aromatic hydrocarbons.
R 10:	Flammable
R 22:	Harmful if swallowed.
R 51/53:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 65:	Harmful: May cause lung damage if swallowed.
R 67:	Vapours may cause drowsiness and dizziness.
S 23:	Do not breathe vapour.
S 36:	Wear suitable protective clothing.
S 43:	In case of fire, use sand, carbon dioxide or extinguishing powder, never use water.
S 57:	Use appropriate container to avoid environmental contamination.
S 61:	Avoid release to the environment. Refer to special instructions/safety data sheets.



S 62: If swallowed do not induce vomiting; seek medical advice immediately and show this container or label.

Classification according to flammable liquids ordinance

A II

8. Transport hazard class

Class: 3
Packaging group: III
UN No.: 1993

9. Disposal

EC Waste Code No. 08 01 11
Any residues must be emptied out of containers before recycling.

10. Safety instructions

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, ceramics etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. When using, do not eat, drink or smoke. Keep out of reach of children.

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 those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.

