

KORATECT® LO-N

Brief description

Solvent-dilutable, higher alkylated silane/siloxane mixture.

Product properties

KORATECT® LO-N is used for colourless, water-repellent impregnations of absorbent mineral building materials in building construction. The high alkali resistance of the product allows it to be used on building materials with increased alkalinity, such as fresh concrete, plaster, limestone, fibre cement and aerated concrete. In addition, all other porous building materials such as bricks, natural and artificial stones and mineral paints can be effectively waterproofed. **KORATECT® LO-N** is suitable as a primer under silicone exterior paints, dispersion paints and synthetic resin plasters. The low molecular weight of the form in which the product is supplied produces impregnation with high penetration depth and when diluted with anhydrous, aliphatic or aromatic hydrocarbons, it can also be applied on slightly wet building materials.

Finishing

KORATECT® LO-N should be diluted before application. The preferred solvents are anhydrous, aliphatic or aromatic hydrocarbons, particularly if the building materials to be treated still have residual moisture. If contact with solvent-sensitive materials such as bitumen and polystyrene foam cannot be avoided, alternative anhydrous alcohols can be used for dilution. The dilution ratio can be varied depending on the application and porosity of the substrate.

The following dilution ratio is recommended:

1 part by weight	KORATECT® LO-N
11 to 15 parts by weight	Solvent

When using dry alcohols as solvent, a dilution ratio of 1 to 12 is recommended.

The ready-to-use impregnating agent can be applied in one or more stages on the dry and absorbent building materials, while all the time observing liberal and uniform impregnation, with the second coat applied "wet on wet". Flooding impregnation by means of spraying is recommended for large surface areas. Brushing or immersion of different building materials is also possible.

Adjoining surfaces, e.g. windows, doors and non-absorbent trim elements should be protected by covering them against the impregnation solution.

It is recommended to use special test surface areas to determine the suitability and effectiveness of the impregnation solution as well as the exact rate of consumption.

Product information*

Appearance	: colourless, cloudy (opaque)
Active substance content in %	: 100
Density at 20 °C in g/cm ³	: approx. 1.1 g/ml
Viscosity at 25 °C in mPa•s	: approx. 20
Flash point in °C	: approx. 38

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Storage

KORATECT® LO-N has a shelf life of **12** months after date of manufacturing when correctly stored in its original unopened container at storage temperatures between **+5 °C** and **+40 °C**.

If the product is stored for longer than the date or period specified on the label, it does not necessarily mean that the product is unfit for use. In this case a review of the property values required for the intended use is essential for reasons of quality assurance.

Further information on product safety and handling is given in the Material Safety Data Sheet.

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*Informative properties not intended to be used as product specification

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