

## KORATECT® SL 2

**Brief description** **KORATECT® SL 2** is a mixture of isomeric octyltriethoxysilanes with iso-octyltriethoxysilane as main component.

**Product properties** Undiluted, **KORATECT® SL 2** is suitable both as a water-repellent primer and for waterproofing concrete and reinforced concrete. **KORATECT® SL 2** has excellent alkaline stability, low volatility and excellent penetration properties. By using **KORATECT® SL 2** as treatment, the chloride and water absorption of the building material is reduced significantly, but with maintaining sufficient water vapour permeability. The pores of the building material are not blocked by **KORATECT® SL 2** and the appearance of the surface is usually not affected. The freeze-thaw resistance of concrete is significantly improved by the treatment with **KORATECT® SL 2**. Because the product reacts through its reaction with the residual moisture from the building material or with the humidity with elimination of ethanol, it must not be used indoors and the product containers must always be kept tightly sealed.

In addition, the product is suitable for mass waterproofing of large concrete volumes. Please refer to the separate data sheet for this application.

**Finishing** **KORATECT® SL 2** is typically used undiluted. **KORATECT® SL 2** is applied twice "wet on wet" to ensure an adequate protective effect, for example, by using airless spray equipment. Alternatively, methods such as rolling, flow coating, brushing, etc. can be used. Basically, the application must be done in such a way that flaws in the treated area can be avoided; if necessary, the area can be reworked with a roller to achieve a more uniform distribution of the product. Concrete surfaces should usually be impregnated 4 weeks after production (at the earliest after 2 weeks) in order not to disturb the setting process of the cement. The concrete surfaces to be treated should be uniformly dry and cleaned of dust and loose particles sticking to it. Weathered or soiled surfaces may require treatment with superheated steam. Protect freshly impregnated surfaces from rain; impregnation during rain is not advisable. **KORATECT® SL 2** should not come into direct contact with bitumen. The resistance of insulation against **KORATECT® SL 2** must be checked in each particular case depending on the temperature. Consumption is usually between 200-400 g/m<sup>2</sup>. Material consumption depends on the finishing, substrate and consistency, among other things. The specified consumption data is only given for orientation purposes. Accurate consumption data must be determined on the object if necessary.

<b>Product information*</b>	Appearance:	Clear, colourless
	Active substance content:	Approx. 99 wt%
	Density at 20 °C:	Approx. 0.90 g/ml
	Viscosity at 25 °C:	Approx. 1.9 mm <sup>2</sup> /s

## KORATECT<sup>®</sup> SL 2

### Shelf life

Sealed in its original container and at storage temperatures between +0 °C and +30 °C, **KORATECT<sup>®</sup> SL 2** has a shelf life of 12 months. The containers must be protected from direct sunlight and the product stirred well before decanting.

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.

**For more information on product safety and handling, please refer to the safety data sheet.**

Our technical advice whether spoken, written or through test trials is given to the best of our knowledge, is to be understood as non-binding in character and in relation to any possible industrial property rights of third parties; it is not a substitute for your, the buyer's, own tests and trials on the products supplied by us to determine whether they are suitable for the intended processes and purposes. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. In the event that a liability is nevertheless considered, any compensation will be limited to the value of the goods supplied by us and used by you. Of course, we guarantee the perfect quality of our products according to our general terms and conditions.

\*This information is intended as a guide and should not be used in preparing specifications

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