

KORATECT® EA10

Brief description **KORATECT® EA10** is an all-purpose, aqueous impregnating agent on a solvent-free emulsion based of siloxane and alkylalkoxysilane.

Product properties **KORATECT® EA10** is a water-dilutable facade impregnating agent. It is characterised by good penetration into absorbent mineral building materials. Worth highlighting is the excellent dilution stability, which also allows the use in e. g. paints. The content of higher alkylated materials also allows its use on alkaline building materials. The following substrates can be impregnated with **KORATECT® EA10**.

- Concrete / Bricks
- Fibre-cement products
- Limestone
- Natural stones
- Plasters

Furthermore, it is well suited as an aqueous primer (deep primer) under paint coatings such as dispersion and silicone exterior paints as well as synthetic resin plasters.

Finishing

Dilution recommendation

1 part by volume **KORATECT® EA10**
7 to 10 parts by volume tap water

Experience has shown that ordinary tap water can be used for dilution. The hardness of the water should not exceed 20 °dH.

Should the dilution be stored for a longer period, the dilution must be handled with care and conditions must be clean during its preparation. For this purpose, tanks, pipes and pumps must be checked carefully before mixing.

Depending on the existing water conditions, doing an analysis of the relevant bacteria counts should be considered. Sufficient container preservation is required for the dilution.

For waterproofing a facade, all standard methods such as rolling, brushing and spraying can be applied. Preliminary tests should be carried out to determine the optimal active content before treating larger areas. The surface must be dry and stable; otherwise it must be cleaned or prepared.

Contact with solvent-based impregnating agents, for example during mixing or through tools, as well as with tin-containing compounds, must be avoided.

The substrate should have temperatures between +5 and +40 °C. Freshly impregnated surfaces should be protected from rain. Consumption is usually 200 mL/m² of the dilution, but this is dependent on the substrate.

Product data*

Appearance	: Milky white
Active substance content in wt%:	: ca. 60
Density at 20 °C in g/mL	: 0.98
Flash point in °C	: ca. 70

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Shelf life

Under normal storage conditions and sealed in its original container at a storage temperatures between **+5 °C** and **+40 °C**, **KORATECT® EA10** can be stored for **12** months from its date of production. The product must be protected against heat and frost when stored. Storage temperatures should neither drop below **+5 °C** nor exceed **+40 °C**. After storage for an extended period of time, a separation of the product can occur, so it should be homogenised before use by stirring it.

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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