

KORATECT® EA2

Short description	KORATECT® EA2 is a solvent-free emulsion of a modified polysiloxane.								
Product properties	KORATECT® EA2 is suitable as hydrophobizing additive for various types of water-based coating agents in the construction area.								
Application	<p>In undiluted form, KORATECT® EA2 is suitable in areas such as:</p> <ul style="list-style-type: none">• silicone resin paints and plasters• emulsion silicate paints and plaster or emulsion lime paints• high filled coatings based on emulsions• Interior paints• Coating colours• Reinforcement masses• aqueous masonry primers• Insulating materials <p>By the addition of KORATECT® EA2, the beading effect, the water stability and the water vapour permeability of the coating is improved. Typically, an addition of KORATECT® EA2 effects also an improvement of the processability and the anti-blocking performance. Diluted with water, KORATECT® EA2 is suitable as hydrophobic primer for mineral substrates as well as for the factory-made hydrophobization of building materials and insulating materials.</p> <p>In the application as additive, KORATECT® EA2 is added undiluted during the mixing process of the components. In practice, addition quantities of up to 1 % for coating agents and up to 5 % for primers have proven suitable.</p> <p>For the use as water repellent primer, one part KORATECT® EA2 is provided and diluted with 9 parts clean water (max. 20 °dH German hardness). If the primer should also feature underground consolidating properties, the addition of suitable polymer dispersions is recommended.</p> <p>For the factory-made hydrophobation of insulating materials, aqueous dilutions in the rate of 1:100 until 1:200 (w/w) have proven suitable.</p>								
Technical data*	<table><tr><td>Appearance:</td><td>: milky, white</td></tr><tr><td>Active substance content in % (w/w)</td><td>: app. 55</td></tr><tr><td>Density at 20°C in g/cm³</td><td>: app. 0.99</td></tr><tr><td>pH-value</td><td>: app. 7</td></tr></table>	Appearance:	: milky, white	Active substance content in % (w/w)	: app. 55	Density at 20°C in g/cm ³	: app. 0.99	pH-value	: app. 7
Appearance:	: milky, white								
Active substance content in % (w/w)	: app. 55								
Density at 20°C in g/cm ³	: app. 0.99								
pH-value	: app. 7								
Storage	<p>KORATECT® EA2 has a shelf life of 15 months after date of manufacturing when correctly stored in its original unopened container at storage temperatures between +5 °C and +40 °C. The containers must be protected from frost and against sunlight.</p> <p>Storage beyond to the period indicated on the product label does not automatically mean that the product is unusable. However, an inspection of the property values necessary for the intended use is essential due to quality assurance reasons.</p>								

KORATECT® EA2

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

This information and our technical advice – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery; this is not valid for our trial products

*Informative properties not intended to be used as product specification

**Kurt Obermeier GmbH, Berghäuser Str. 70, D-57319 Bad Berleburg Tel.: +49 (0) 2751/524-0,
Fax.: +49 (0) 2751/5041, email: info@obermeier.de www.obermeier.de**