

KORATECT[®] MQ 1

Brief description **KORATECT[®] MQ-1** is a special preparation of a methylsiloxane resin in a solvent for use as impregnating agent.

Product properties **KORATECT[®] MQ-1** is used for colourless, water-repellent impregnations of absorbent mineral building materials in building construction. Particularly suitable for porous bricks and natural stones as well as aged mineral plasters. The higher molecular weight of the supplied form of the impregnating agent has a distinct beading effect on freshly impregnated surfaces.

Finishing **KORATECT[®] MQ-1** is not suitable as a waterproofing agent in the form it is supplied. It must be diluted. Suitable solvents are anhydrous, aliphatic or aromatic hydrocarbons. A silicone resin content of about 5 wt% is usually recommended in the ready-to-use impregnating solution.

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. The absorbency of the building material determines the rate of consumption of the impregnation solution. Practical use values are 0.2–1 l/m².

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:	Clear solution
	Solvent:	Xylene
	Active substance content:	Approx. 50 wt%
	Density at 25 °C:	Approx. 1.05 g/ml
	Viscosity at 25 °C:	Approx. 9 mPa s

Shelf life Sealed in its original container and at storage temperatures between +5 °C and +30 °C, **KORATECT[®] MQ-1** has a shelf life of 6 months.

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.

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

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

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