

Baysilone* Impregnating Emulsion WA

Product Description

Solvent-free siloxane/alkylalkoxysilane emulsion in water

Technical Data

Active substance content	approx. 60 % w/w
Density (DIN 51757, at 20°C)	approx. 0.98 g/ml
pH value (AIMSI B05)	8-10

Application and Properties

Baysilone Impregnating Emulsion WA is suitable as a water-thinnable impregnating agent for masonry. The product is characterised by its good penetration into absorbent mineral building materials. Its content of higher alkylated raw materials allows to apply it on alkaline building materials. It can be used for the water repellent treatment of the following substrates:

- concrete
- fibrous cement products
- calcium silicate brick
- natural stone
- plaster
- brick

It is also good suitable as an aqueous deeply penetrating primer for coatings like emulsion- and silicone resin paints and synthetic resin plasters.

Guide formulation

1	parts/vol.	Emulsion WA
7-10	parts/vol.	tap water

Experience has shown that tap water can be used in formulations. The water hardness should not exceed 20°dH (German hardness).

In case of longer storage of the dilutions careful handling and cleanliness has to be provided already for the preparation of the dilutions. Containers, pipes and pumps have to be checked.

Depending local water conditions an analysis regarding the relevant germ concentration has to be foreseen.

A sufficient cask/bundle conservation is necessary (e.g. addition of 0,1 % Preventol D2 or Bodoxin AB) calculated on the total weight of the dilution). No labeling is required in accordance with EEC directives. Casks should be kept closed.

Standard processes for the water repellent treatment of masonry can be used. Before application on large surfaces trials should be carried out to determine the optimum active substance concentration. Contact with solvent-borne impregnating agents, e.g. residues in formulation/application equipment or with tin compounds, must be avoided.



MOMENTIVE
performance materials

Baysilone* Impregnating Emulsion WA

Storage

Correctly stored in its original unopened container at 25°C, WA has a shelf life of 720 days from the date of manufacturing.

Please see also use-before/expiry date on product label and certificate.

The product must be protected against frost and heat. Storage at temperatures below 5 °C and above 40 °C should be avoided.

Ready-to-use formulations will remain stable and suitable for application for more than 6 months. If they are stored over a longer period, the formulation may separate and should be homogenised by stirring before application.

Packaging

1.000 kg Container, 180 kg and 50 kg drums

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



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