

SILRES[®] BS SMK 1311



Silane-Siloxane mixtures

SILRES[®] BS SMK 1311 is a solventless silicone microemulsion concentrate based on silanes and siloxanes that is diluted with water to yield microemulsions. The dilute, aqueous solution of SILRES[®] BS SMK 1311 serves as a high-quality, general-purpose water repellent for impregnating and priming mineral and even alkaline substrates.

SILRES[®] BS SMK 1311 serve also as chemical damp proofing agent in diluted aqueous solution.

Properties

- water-free and solventless silicone concentrate
- spontaneously dilute with drinking water, i. e. without the need for sophisticated mixing devices
- silicone microemulsions which have been activated with water must be used on the day of preparation

Advantages over ready-to-use products:

- lower packaging costs
- fewer problems with empty containers
- disposal (15 times less packaging)
- lower storage and transport costs The WTA certificate confirms the suitability of SILRES[®] BS SMK 1311 for this application.

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	clear	-
Density	25 °C	0.95 - 0.97 g/cm ³	DIN 51757
Viscosity, dynamic	25 °C	1 - 10 mPa·s	DIN 51562
Color	-	yellowish to reddish	-
Flash point	-	25 °C	not specified
Silane-/Siloxane content	-	100 wt. %	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Construction Materials
- Hydrophobic Impregnation
- Impregnation of New and Existing Buildings

Packaging and storage

Storage

The containers must be protected against sunlight. Stir well before taking emulsion from drums. The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code SILRES® BS SMK 1311



For technical, quality or product safety questions, please contact:

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