

# SILRES® BS 45

Masonry Water Repellents

## Characteristics

SILRES® BS 45 is a water-thinnable solventless emulsion of a silicone resin used as a binder in the production of silicone resin emulsion paints and plasters.

## Application

SILRES® BS 45 is employed as the main binder in silicone resin emulsion paints and plaster. If formulated properly, the products made with it are characterized by high permeability to water vapor and CO<sub>2</sub>, low water absorption, low soiling tendency, a mineral appearance and long life.

An excellent beading effect is also achieved if SILRES® BS 1306 is added. Facades must be primed before painting for optimal protection.

We recommend SILRES® BS Creme P and the substrate-strengthening Silicone Microemulsion Concentrate SILRES® BS SMK 2100, both dilutable with water.

## Storage

SILRES® BS 45 has a shelf life of at least 6 months when stored in the tightly closed original container between 30 °C. The containers must be protected against sunlight. Stir well before taking emulsion from drums. The 'Best use before end' date of each batch appears 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 information

Detailed safety information is contained in each material data safety sheet, which can be obtained from our sales offices.

Appearance		milky
Active substance content, approx.	[wt %]	50
Density at 25 °C, approx.	[g/cm <sup>3</sup> ]	1.04
Viscosity, approx.	[mPas]	1000
pH-Wert, approx.		5

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

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001



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

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