

# SILRES<sup>®</sup> BS 45



## Silicone Resin Emulsions

SILRES<sup>®</sup> BS 45 is a water-dilutable solventless emulsion of a silicone resin used as a binder in the production of silicone resin emulsion paints and plasters.

## Technical data

### General Characteristics

Property	Condition	Value	Method
pH	23 °C	approx. 5	Indicator strips
Solid content	-	~ 54 wt. %	-
Appearance	-	milky, white	ASTM D 412
Density	20 °C	1.04 g/cm <sup>3</sup>	calculated
Viscosity, dynamic	25 °C	approx. 1000 mPa·s	Brookfield

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

- Exterior Paints & Coatings

- Exterior Silicone Paints & Coatings
- Top Coats & Finishing Coats

## Application details

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 a SILRES® BS Additive is used. Facades must be primed before painting for optimal protection.

We recommend high quality SILRES® BS primers.

## 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.

## QR Code SILRES® BS 45



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

**Wacker Chemie AG**, Gisela-Stein-Strasse 1, 81671 Munich, Germany  
productinformation@wacker.com, www.wacker.com

The data presented in this medium 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 medium 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 information provided by us does 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 product for a particular purpose.