SILRES® BS 50

Silicone Resin Emulsions

SILRES® BS 50 is a solventfree, water-thinnable emulsion of a special silicone resin / polydimethylsiloxane blend. It is recommended as an additive for porous masonry coatings to make them water repellent. SILRES® BS 50 is particularly suitable for silicate emulsion paints and plasters.

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	milky, white	ASTM D 412
Active content	-	50.0 wt. %	-
Density	20 °C	approx. 1.04 g/cm^3	-

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

- Silicone Resin & Silicate Plasters
- Renders & Plasters
- Mineral Renders & Plasters
- Coatings & Paints

- Exterior Paints
- Top Coats & Paints

Application details

SILRES® BS 50 is added undiluted to coatings either during or immediately after manufacture. We recommend adding 1-3 wt%. SILRES® BS 50 is used as a water-repellent additive for silicate emulsion paints and whitewashes. By adding the water repellent, hydrophobic paints are obtained and the pigments are prevented from washing out, i. e. fading of the coatings is prevented. The durability of the paint is significantly increased. SILRES® BS 50 is suitable as an additive to impart water repellency to mineral-based plasters, particularly to silicate emulsion plasters. It is recommend for lime and lime-cement plasters for the final layer of the plaster which should be 0.5 to 1cm thick. SILRES® BS 50 is added to the mixing water of the mortar preparation. Good water-repellent effect is obtained by adding 5-8 l/m^3 finished mortar. The product will develop its effect as the plaster dries out.

Packaging and storage

Storage

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 50

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

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