

# SILRES<sup>®</sup> BS 6042



## Silicone Resin Emulsions

SILRES<sup>®</sup> BS 6042 is a solventless, water-dilutable emulsion of a modified silicone resin used as stand-alone silicone for the production of silicone resin emulsion paints and plasters.

## Properties

SILRES<sup>®</sup> BS 6042 provides coatings with long-lasting reduced water absorption, efficient early rain resistance and high water vapor permeability.

SILRES<sup>®</sup> BS 6042 is recommended for:

- Silicone resin emulsion paints and plasters
- Paints and plasters for ETICS

Paints and plasters formulated with SILRES<sup>®</sup> BS 6042 have the appearance of a mineral based coating, show high hiding power and are UV-resistant. SILRES<sup>®</sup> BS 6042 can be used to formulate eco-label complying coatings.

## Technical data

### General Characteristics

Property	Condition	Value	Method
pH	-	5	-
Appearance	-	milky-white	-
Density	-	1 g/cm <sup>3</sup>	-
Solid content	-	54 wt. %	-
Viscosity, dynamic	-	3500 mPa·s	-

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
- Coatings & Paints
- Exterior Paints
- Top Coats & Paints

## Application details

SILRES® BS 6042 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.

SILRES® BS 6042 enables an excellent early water resistance.

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. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## QR Code SILRES® BS 6042



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

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