

# SILRES® BS 1306

Masonry Water Repellents

## Characteristics

SILRES® BS 1306 is a solventless, water-thinnable emulsion of a polysiloxane modified with functional silicone resin.

## Application

SILRES® BS 1306 is an additive used in the manufacture of aqueous masonry coatings and aqueous primers to enhance water repellency, water resistance and water-vapour permeability. It also improves the processability and antiblock characteristics of the aqueous coatings.

### Suitable for:

- Silicone resin emulsion paint and silicone resin plasters
- Silicate emulsion paints and plasters
- Highly filled emulsion coatings
- Whitewash emulsions
- Interior paints
- Stoppers
- Reinforcing stoppers
- Aqueous facade primers
- Insulating materials

SILRES® BS 1306 may also be thinned with water for use as a water-repellent primer on material substrates and as a water repellent for in-plant manufactured insulation materials.

## Processing

SILRES® BS 1306 may be added undiluted to aqueous masonry coatings and primers either during or after manufacture. We recommend adding 1 wt % to masonry coatings and 5 wt % to primers.

SILRES® BS 1306 can also be served as a water-repellent primer, in which case it should be diluted 1 : 9 parts by weight with water. When such primers are required to strengthen the substrate, we recommend adding a polymer dispersion in hydrosol form.

For the impregnation of insulating materials, we recommend diluting SILRES® BS 1306 with water in the ratio 1 : 100 to 1 : 200 parts by weight.

## Storage

SILRES® BS 1306 has a shelf life of at least 9 months when stored between 0 °C and 30 °C in the tightly closed original container. The 'Best use before end' date of each batch appears on the product label.

If the material is kept beyond the shelf life recommended on the product label it is not necessarily unusable, but a quality control should be performed on the properties relevant to the application.

## Safety information

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

## Product data

Appearance		milky, white
Solid content, approx.	[wt %]	55
Density at 25 °C, approx.	[g/cm³]	0.99
pH, approx.		7

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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