

SILRES® BS 1306

MASONRY WATER REPELLENTS

Product description

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 paints 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 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 after manufacture. We recommend adding 1 wt% to masonry coatings and 5 wt% to primers.

SILRES® BS 1306 can also serve 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 ration 1:100 to 1:200 parts by weight.

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>.

Product data

Typical general characteristics	Inspection Method	Value
Appearance		milky, white
Solids content		approx. 55 %
Density at 20 °C	DIN 51757	approx. 1 g/cm ³
pH-Value		approx. 7

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

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.

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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