

# SILRES<sup>®</sup> BS 38 N



## Silane-Siloxane mixtures

SILRES<sup>®</sup> BS 38 N is a solvent-based mixture of silane, siloxane and fluoropolymer (< C8). In diluted form, it serves to render inorganic substrates such as mineral construction materials water-repellent and oil-repellent. Unlike conventional impregnating agents, which display only a hydrophobic, i. e. water-repellent, effect, SILRES<sup>®</sup> BS 38 N also exhibits an oleophobic, i. e. oilrepellent, effect. The pores of the substrate remain open, the water vapour diffusion is hardly affected, if at all. Oil, grease and paint, etc. can be more easily removed from surfaces that have been treated with SILRES<sup>®</sup> BS 38 N.

## Properties

SILRES<sup>®</sup> BS 38 N performs very well as:

- Treatment of facades of natural or synthetic stone, concrete, or fibrous cement in order to allow easier removal of dirt, grease, graffiti, posters, etc. from monuments, exterior and interior walls.
- Water, oil and dirt repellent treatment of low-porosity natural stone, e. g. marble, travertine and granite.
- Treatment of floors of natural or synthetic stone, or unglazed ceramic tiles for easy care.
- Treatment of window sills and table tops of natural or synthetic stone, or fibrous cement to avoid staining.

## Technical data

### General Characteristics

Property	Condition	Value	Method
Density	20 °C	0.830 g/cm <sup>3</sup>	DIN 51757
Color	-	yellowish	-

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

- Construction Materials
- Invisible Impregnation
- Surface Treatment

## Application details

SILRES® BS 38 N should be favorably diluted in a product:solvent-ratio 1 : 6 to 1 : 10 (parts by weight). Suitable diluents are white spirit (e. g. White Spirit 130/175 or Shellsol T) and isoparaffins.

Excess should be removed after a few minutes.

A long storing period SILRES® BS 38 N can lead to a deposit. In this case it should be mixed up again. The substrate to be treated should be air dry and absorbent. The diluted solution should be liberally brushed onto substrate. The hydrophobic and oleophobic effects develop within 4-5 days at room temperature.

Because of possible discoloration, it is advisable to carry out tests area. This can also be used to check the efficiency of the products. Substrates treated with SILRES® BS 38 N should be cleaned at once after contamination with oil, grease or paint because paint in particular is very difficult to dissolve once the binder has fully hardened. After cleaning and drying, it is necessary to repeat treatment with SILRES® BS 38 N.

## QR Code SILRES® BS 38 N



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

**Wacker Chemie AG**, Hanns-Seidel-Platz 4, 81737 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.