



A Subsidiary of PETRONAS Chemicals Group

# PRODUCT DATA SHEET

## BRB Siloen<sup>®</sup> SR 619

### Constructions

**BRB International BV**

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## BRB Siloen® SR 619

### Alkylsilane siloxane concentrate



#### Description

*BRB Siloen® SR 619* is a solvent dilutable alkylsilane/siloxane concentrate used as a masonry water repellent.

#### Application

- Impregnating agent for mineral and highly alkaline building materials
- Primer for mineral building materials

#### Features

- Good depth of penetration
- Very good water repellency
- Easy to dilute in solvents
- High resistance to alkalinity
- Tin catalyst free

#### Benefits

- Suitable for porous mineral building materials as:
  - Fired clay bricks (terracotta)
  - Sand lime brickwork
  - Cement and concrete substrate including cement fiberboards
  - Aerated concrete
  - Mineral (silicic composition) natural and artificial stone
  - Mineral plaster and Paints
- Fast development of water repellency
- Little or no influence on the appearance of the substrate

#### Typical Data

Parameter	Unit	Value
Physical Form		Clear to slightly hazy liquid
Colour		Colourless to yellowish
Density at 25°C	g/cm <sup>3</sup>	1.05
Flash Point, closed cup,	°C	41
Active content	%	100
Viscosity	mm/s <sup>2</sup>	100

#### How to Use

*BRB Siloen® SR 619* may be used as received or diluted prior to use. Dilution of the material prior to use in solvent, recommended White spirit 130/175 or 145/200 or other petroleum hydrocarbons and low aromatic hydrocarbons. The solvent should have a boiling range of 140-190 and evaporation number of 30-90. Normal dilution in weight ration 1:11 up to 1:15.

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In case of possible contact with solvent sensitive materials, **BRB Siloen® SR 619** can also be diluted in alcohol provided being totally anhydrous. Usable alcohol are ethanol or isopropanol; in this case **BRB Siloen® SR 619** should be diluted 1:12

After dilution, **BRB Siloen® SR 619** can be applied by flooding, spray, brush and roller until substrate is saturated. Multiple layers are recommended to get the best performances; pay attention to avoid long time waiting between coats, typically wet on wet is the best recommended procedure.

Substrate must be dry and without big cracks (max 0,3 mm)

**BRB Siloen® SR 619** provides early water resistance, however best performances build up after 1 week to 10 days from the application.

A Product Safety Data Sheet should be obtained from your BRB office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

## FOR MORE INFORMATION

Please contact

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## IMPORTANT NOTICE

The information given in this product data sheet are believed to be fully accurate. However, BRB International BV shall not be liable for its content and make no warranty with respect thereto. For additional information we request you to contact BRB International BV visit our web-site: [www.brb-international.com](http://www.brb-international.com)