

RHODORSIL[®]
BP 9900

Building Protection

Description **RHODORSIL BP 9900** is a non ionic, APEO free, polyorganosiloxane aqueous emulsion, to be used as a water repellent additive in various formulations.

Advantages **RHODORSIL BP 9900** contributes to good water resistance and water vapour permeability.
In coatings, **RHODORSIL BP 9900** enhances micro porosity and breathability of the films, and improves the processability and the antiblocking characteristics.

Applications **RHODORSIL BP 9900** is an additive specially designed to enhance water repellency of interior and exterior paints, silicate paints, plasters ...
RHODORSIL BP 9900 can also be used as a water repellent for construction (bricks, tiles ...) and insulating materials.

Characteristics

Appearance.....	Milky white
Specific gravity at 25 °C, approx.....	1.05
pH, approx.....	7
Brookfield viscosity, 23 °C, mPa.s.....	< 500
Solids content (1g-1h-105 °C- DIN3251), % wt, approx.....	55

These datas are only intended as a guide

Processing

- **Additive for paint formulations :**
Addition levels from 1 to 5% of **RHODORSIL BP 9900** compared to the total formulation are typically used.
RHODORSIL BP 9900 can also be thinned with water, between 2 to 5% of solids, for a use as water repellent primer. In such formulations, we recommend to add acrylic emulsions.
Our technical department has made a number of tests which can serve as a basis for formulations.
For each new formulation, compatibility between constituents, the finished product and the substrate should naturally be checked.
- **Water repellent for insulating materials :**
Well adapted for in-plant treatment of mineral fibres, **RHODORSIL BP 9900** is to be diluted down to low concentrations : 0.05 to 1%
RHODORSIL BP 9900 can also be used as a water repellent for construction materials. There, the solid content of dilutions will be between 1 to 5 %.

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Packaging

RHODORSIL BP 9900 is available in 200 kg drums and in 1000 kg containers.

Storage and shelf life

When stored in its original unopened packaging at a temperature between +2°C and +30°C, **RHODORSIL BP 9900** may be stored for up to 12 months from its date of manufacture (expiry date). Comply with the storage instructions and expiry date marked on the packaging.

Past this date, BLUESTAR Silicones no longer guarantees that the product meets the sales specifications.

Safety

Consult the Safety Data Sheet for **RHODORSIL BP 9900**.

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