

NEVOSIL® SI 310

Water Repellent for Masonry Paints

Characteristics

Solvent-free, water-diluted emulsion of functional polysiloxanes.

Properties

- ✓ Provides excellent water repellency and causes beading effect on the surface
- ✓ Yields high water resistance
- ✓ Yields high water vapor permeability
- ✓ Increases the resistance of the applied surface against outside factors, and ensures longer life

Application

NEVOSIL® SI 310 is mainly used as a;

- ✓ Water repellent additive for the manufacturing process of aqueous masonry coatings
- ✓ Water repellent impregnation agent for the production of isolation materials
- ✓ Water repellent aqueous primer for the mineral based substrates

NEVOSIL® SI 310 is especially suitable for the production of;

- ✓ Silicone resin based masonry paints and plasters (mineral)
- ✓ Silicate emulsion paints and plasters
- ✓ Highly filled water based coating products
- ✓ Aqueous facade primers
- ✓ Insulating materials

Technical Data

Appearance	Milky white liquid
Active content (wt %)	~55
Viscosity (23°C) (mPa.s)	150-250
Density (23°C) (g/ml)	~1,00
pH	6,0-8,0

* These figures are only 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 with the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials.

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Processing

NEVOSIL® SI 310 can be used without dilution and with an addition amount of 1-5 wt % during the production of masonry coatings.

NEVOSIL® SI 310 should also be used as a water-repellent primer diluted with 1:9 parts by weight with water. For the impregnation of insulating materials, it is recommended to dilute NEVOSIL® SI 310 with water in the ratio of 1:100 to 1:200 parts by weight.

Storage / Shelf Life

NEVOSIL® SI 310 has a shelf life up to 9 months if stored in tightly closed original containers between 5-35°C. If the material is kept beyond the shelf life recommended, it is not necessarily unusable, but quality control should be performed on the properties relevant to the application. The containers must be protected against sunlight and frost.

Packaging

30, 60, 120 and 220 kgs plastic drums or 1,000 kgs IBC containers.

Technical
Data
Sheet

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