

NEVOSIL[®] SY 72

Water & Oil Repellent for Construction Materials

Characteristics

Solvent diluted silane/siloxane and synthetic resin mixture.

Properties

- ✓ Excellent surface penetration
- ✓ Fast formation of hydrophobic and oleo phobic effects
- ✓ No impairment of the water vapour permeability of the applied surfaces
- ✓ High resistance to alkalis

Application

NEVOSIL[®] SY 72 in diluted form with a suitable solvent is used to render all types of mineral based construction and building materials water and oil repellent.

NEVOSIL[®] SY 72, applied by impregnation, prevents staining of facades (natural and synthetic stone, concrete, fibrous cement, and etc.) inside and outside by undesired stains/materials such as dirt, grease, graffiti, posters, etc. Oil, grease or paint can be easily removed/wiped off from the surfaces that have been treated with NEVOSIL[®] SY 72.

NEVOSIL[®] SY 72 imparts water, oil and dirt repellent properties to low-porosity natural stone, e. g. marble, travertine and granite. The product is also used to treat floors of natural or synthetic stone or unglazed ceramic tiles for easy care and for extending their lifetime.

NEVOSIL[®] SY 72 doesn't affect the water vapour permeability of the treated surface of building materials in any adverse way.

Technical Data

Appearance	Colorless, clear liquid
Active content (wt %)	20 (±1)
Viscosity (25°C)	<30 (cP)
Density (25°C)	~0,80 (g/ml)
Flash point	~38 (°C)
Suitable solvents	Heptane, iso-paraffins, ethyl acetate, white sprite

* 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® SY 72 should be diluted with white spirit or a similar solvent in ratio of 1:4 to 1:9 before using. The surface to be treated should be air dry and absorbent. The diluted solution should be liberally brushed onto surface.

The hydrophobic and oleo phobic effects should develop within 24 hours. In order to determine possible discoloration in advance, it is advisable to run trials in a small test area. This can also be used to check the efficiency of the products.

If there is any contamination of oil, grease or paint on the surface to be treated, it should be wiped out before the application. The surface should be treated with NEVOSIL® SY 72 after the surface is totally cleaned and dried.

Since NEVOSIL® SY 72 contains flammable solvents; proper safety precautions against fire must be taken during the application. If the product is being used in closed areas, prolonged exposure should be avoided and good air ventilation should be maintained.

Storage / Shelf Life

NEVOSIL® SY 72 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

25, 50, 100 and 180 kgs plastic drums or 800 kgs IBC containers.

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