



NEOSIL SP2



Surface water-repellent.

CHARACTERISTICS



NEOSIL SP2 is a colourless water-repellent based on an oligomeric organosiloxane.

The action of moisture in the air causes **NEOSIL SP2** to condense, forming an effective, long-lasting, non-tacky polysiloxane.

NEOSIL SP2 is highly effective thanks to:

- its great depth of impregnation
- its high resistance to alkalis (up to pH 12-13)

The nature of **NEOSIL SP2**'s ingredients means that it can be applied on surfaces which are still damp. However, this will affect the depth of penetration.

Unlike products based on polymerised silicon resin, which form a deposit on the surface, **NEOSIL SP2** reacts with the core of the underlying material. This ensures its durability.

FIELDS OF APPLICATION

NEOSIL SP2 is especially suitable for use with concrete, as concrete is usually highly alkaline (pH 12) and has a fine or very fine capillary network, requiring the use of a highly penetrative formula.

Fibrous cement used on pitched roofs (25% minimum), cement- and/or lime-based roughcasts, mineral-based paints, cellular concrete, freshly rejointed brickwork and certain kinds of natural or reconstituted stone, provided they are absorbent.

In general, any absorbent mineral material may be treated with **NEOSIL SP2**.

Do not use to waterproof plaster.

APPLICATION

The surface should preferably be dry for the reason mentioned above, and should be clean and free of dirt, soot, moss, etc.

You need to allow about 2 or 3 days of dry weather before the impregnation if you have cleaned the surface with pressurised water or hydrosanding.

The product is supplied ready to use

For large surfaces, we recommend the use of a gardening or agricultural type spray gun, with which the surface should be sprayed evenly. Spray formation should preferably not involve atomisation and should be at low pressure. A brush may of course be used for surfaces which are smaller or include many windows. Whether using a brush or a spray gun, two layers will generally be needed, without intermediate drying. The layers should be applied to saturation point, which is reached when vertical drips of 20 to 30 cm start to form.

Wherever possible, avoid working in full sunlight or at high temperature, as the solvent carrying the active substances will evaporate too quickly.



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PHYSICAL CHARACTERISTICS

Appearance:	colourless liquid	Flash point:	> 40°C
Base:	oligomeric siloxane	Initial boiling point:	150°C
Solvent:	dearomatised hydrocarbons	Density:	0.8 kg/litre
Viscosity:	± 1 mm /dry at 20°C	Active substances:	8%

CONSUMPTION

Approximate values per layer for different materials

Concrete:	0.2 to 0.5 l/m
Cement roughcast:	0.5 to 1 l/m
Fibrous cement:	0.1 to 0.3 l/m
Cellular concrete:	0.5 to 2 l/m
Sand-lime brick	0.3 to 0.7 l/m
Brick:	0.3 to 2 l/m
Porous natural stone:	0.05 to 3 l/m

PROTECTION

Protect all glazing and paving.

In the event of splashes, clean immediately with a clean white cloth soaked in white spirit or **TOPCLEAN DOUX**.

In the event of splashmarks which have dried, for example on paving or bluestone, treat gently with fine abrasive paper and water (always perform a preliminary test in an inconspicuous corner to determine the best method).

STORAGE

- In well-sealed packaging in a cool place. **NEOSIL SP2** is not affected by frost.

HEALTH AND SAFETY ADVICE

Pulverisation may create a mist, which should not be inhaled.

Avoid breathing in the mist or solvent vapours. Preferably wear a protective mask.

As **NEOSIL SP2** contains solvents, you are strongly advised to avoid smoking while working.

Keep well away from any source of ignition.

IMPORTANT PRECAUTIONS

- Glass must be protected.
- Keep vehicles and other objects which could be damaged at a safe distance.
- Perform preliminary tests to determine effectiveness.
- This product information is intended for professionals who are already familiar with standard practice in the building industry, both from the technical viewpoint and in terms of personal safety and protection of property.

This technical notice is the outcome of research and long experience. However, we accept no liability for its contents, as successful use of the product depends on taking account of all the circumstances at the time of use. We recommend the performance of preliminary tests in order to see whether the product is suited to the planned application. **UPDATE 08/2001**



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