SO 2000 Sealer

Description

SO 2000 Sealer utilizes advanced technology developed over 30 years and is recommended for spray-on decorative concrete finish. SO 2000 Sealer provides a highly durable surface suitable for pedestrian and vehicle traffic and contains extra UV light blockers to maximise coating durability. This product has been formulated to reduce efflorescent salts and minimize softening of new spray-on polymer concrete decorative surfaces.

Typical Properties

Appearance:	Clear colourless viscous liquid
Total Solids Content:	25% clear
Per Cent Volatiles:	> 75% (Highly Flammable)
Specific Gravity:	1.0
Solubity In Water:	Immiscible
Minimum Film Forming Temperature:	10°C
Minimum Dry Film Thickness:	63 microns per coat @ 25% solids & 4 sqm per litre
Recommended Application Rate:	**One or two coats per 4 square metres per litre per coat**

Applications & Features

SO 2000 Sealer is manufactured from Acrylic Polymer Resins and is specially formulated to protect spray-on decorative finishes against staining, oil and other contaminants. Primarily developed for sealing spray-on finishes, SO 2000 Sealer is also recommended for plain and pattern concrete, stamped impression and slate look concrete and Stencil surfaces. SO 2000 Sealer is high durable and resistant to oil and most household chemicals. Petrol, brake fluid, solvents and paints will damage SO 2000 Sealer. Designed as a two coat system, SO 2000 sealer provides excellent protection against fading and powdering of the coloured surface and protection against staining and marking due to contaminants including oil and grease. SO 2000 Sealer is non-yellowing and improves the durability and colour of the spray-on system.

Application Guidelines

Refer to the SO 2000 Sealer Material Safety Data Sheet and the Nutech Concrete Sealer Application Guidelines for complete product and safety information before using product. SO 2000 Sealer is highly flammable and skin contact should be avoided. Ensure adequate ventilation at all times. Seek immediate medical advice if safety or health issues arise.

Application by broom, roller, brush or spray is recommended subject to suitable preparation.

Sealing New Spray-On Decorative Surfaces

Spray-on surfaces require no special preparation prior to sealing provided the surface is clean and dry. Apply one or two coats of SO 2000 Sealer at 4 square metres per litre. The first coat may be applied on new spray-on surfaces provided the surface is firm and can be walked on without damage. Unlike most other concrete surfaces, spray-on finishes do not require acid etching prior to sealing with SO 2000.

Do not seal surfaces saturated with moisture particularly in hot weather.

When applying SO 2000 Sealer, the following important points should be considered:

1. To provide a durable and weatherproof coating, at least 100 microns of sealer is required. Two coats of SO 2000 Sealer applied at 4-5 square metres per litre will provide this protection.
2. The first coat of SO 2000 Sealer chemically adheres to the spay-on surface. The sealer does not require dilution with Thinners. Adding thinners to the sealer may soften new spay-on surfaces.
3. Immediate same day sealing of the spray-on surface will reduce the possibility of efflorescent salts contaminating the surface during curing.

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Although SO 2000 Sealer does not required thinning in hot weather the addition of 2 litres of Thinners in the final coat of sealer will reduce surface bubbling.

Sealing & Resealing Old Surfaces
Previously sealed surfaces should be cleaned and then scrubbed with solvent before re-sealing to guarantee adhesion. Very old hard sealer or problem delaminating or white sealer should be scrubbed with Re-activating Solvent prior to re-sealing. In cases where an old sealer is failing, testing an area is recommended before re-sealing and left to weather for at least 4-6 weeks. If the test area fails, stripping the old sealer may be required prior to acid etching, pressure cleaning and re-sealing.

It is important that the surface is clean and free of contamination including oil, grease and food. All degreaser, silicon and paint should be removed from the surface before SO 2000 Sealer is applied.

Curing Time
Curing time depends on wind and temperature. At 25°C SO 2000 Sealer will touch dry in 30 minutes. Allow a minimum of 1 hour between coats in warm weather and longer in cool weather. Full curing is not achieved for up to 1 week. Avoid parking vehicles for several days in cold weather and 5 days in hot weather.

Do not park cars with very hot tyres on newly sealed SO 2000 for at least 7 days.

Application Warnings

Do not apply SO 2000 Sealer late in the day as the risk of surface damage caused by dew and condensation increases. Sealer affected by moisture loses gloss and may appear milky.

SO 2000 Sealer contains flammable solvents and suitable safety precautions must be taken during handling and application.

Ensure adequate ventilation if applying sealer in enclosed spaces. Avoid contact with naked flames, sparks, pilot lights and other sources of ignition.

Avoid contact with eyes and skin. Read ‘Safety Directions’ on container and the ‘Material Safety Data Sheet’ prior to application.

Refer to Nutech Material Safety Data Sheet for additional safety and user information.