

Nutech Concrete Range®

Nutech Paint
Application Instructions & Guidelines
Nutech Concrete Range



SO2000 CONCRETE SEALER

DESCRIPTION

Nutech SO 2000 Sealer is manufactured from Acrylic Polymer Resins, an advanced technology developed over 30 years and is specially formulated to protect spray-on decorative finishes against staining, oil and other contaminants.

Nutech 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
Solubility in Water:	Immiscible
Minimum Film Forming Temp:	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

TYPICAL USES & FEATURES

Primarily developed for sealing spray- on finishes

<u>Typical projects include:</u>	<u>Typical Features include:</u>
<ul style="list-style-type: none">• Plain and Pattern concrete• Stamped Impression Concrete• Slate Look Concrete• Stencil Surfaces	<ul style="list-style-type: none">• Highly durable• Resistant to Oil and Grease• Resistant to most household Chemicals.• Excellent protection from Fading• Excellent protection from Powdering of the coloured surface• Non-Yellowing and Improves the durability and colour of the Spray on system.

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Applications Warnings:

- Petrol, brake fluid, solvents and paints will damage SO 2000 Sealer.
- 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.

Applications & Features

Equipment & Tools:

Application by Broom, Roller, Brush or Spray

PREPARATION:

Spray-on surfaces require no special preparation prior to sealing. Surface needs to be clean and dry.

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

Sealing & Re-Application:

- 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.
- 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 SO2000 Sealer is applied.

COVERAGE:

- 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.

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

- 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.
- The first coat of SO 2000 Sealer chemically adheres to the spray-on surface.
- The sealer does not require dilution with Thinners.
- Adding thinners to the sealer may soften new spray-on surfaces.
- Immediate same day sealing of the spray-on surface will reduce the possibility of efflorescent salts contaminating the surface during curing.

Test Patch:

- It is highly recommended that applicators test any Nutech system first as each surface profiles varies significantly with individual conditions.

Curing Time:

Curing time depends on wind and temperature.

Full curing is not achieved for up to 1 week.

Re-Coat Time

Allow a minimum of 2 hours between coats in warm weather and longer in cool weather

DWELL TIME:

N/A

OPTIMUM TEMPERATURE:

25°C SO2000 Sealer will touch dry in 30 mins.

REMOVAL AND CLEAN UP:

Nutech Thinners

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SAFETY PRECAUTIONS:

Application Warnings:

1. Avoid parking vehicles for 5 days in cold weather and 7 days in hot weather.
2. **Do Not Park** cars with very hot tyres on newly sealed SO2000 for at least 7 days.
3. Do not apply SO2000 Sealer late in the day as the risk of surface damage caused by dew and condensation increases.
4. Sealer affected by moisture loses gloss and may appear milky.
5. SO 2000 Sealer contains flammable solvents and suitable safety precautions must be taken during handling and application.
6. **Ensure adequate ventilation** if applying sealer in enclosed spaces.
7. 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.

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DISCLAIMER: Warranty and Limitation of liability:

Warranty

Nutech warrants its products to be free from defects in material and workmanship. Nutech's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Nutech's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products.

Any claim under this Warranty must be made by Buyer to Nutech in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Nutech of such non-conformance as required herein shall bar Buyer from recovery under this Warranty.

Nutech makes no other warranties concerning the product. No other warranties, whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall Nutech be liable for consequential or incidental damages.

Any recommendation or suggestion relating to the use of the products made by Nutech, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

Limitation of Liability

Nutech's liability on any claim of any kind, including claims based upon Nutech's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which gives rise to the claim. In no event shall Nutech be liable for consequential or incidental damages.

Important Note

The information given on this data sheet is based on many years experience and is correct to the best of our knowledge. However since the use of our product, surface conditions, weather and a number of other factors are completely beyond our control, we can only be responsible for the quality of our product at the time of dispatch. For more information please contact our Company. As this information is of a general nature, we cannot assume any responsibility in individual cases.