

Technical Data Sheet

Fast Seal

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| Description: | Fast Seal is a ready for use, solvent based clear acrylic penetrating sealer that has been developed for rapid and economical application to raw, patterned or stencilled concrete surfaces to protect and provide a durable, dust free surface ideal for pedestrian and vehicular traffic. |
| Features: | <ul style="list-style-type: none"> • Ready for use • Excellent weather and waterproofing protection • Excellent trafficability and hard wearing • Sealer designed for all types of concrete and a limited range of other substrates • Ideal for commercial & domestic applications |
| Safety | Observe all Occupation Health and Safety (OH&S) precautions. |
| Precautions: | Refer to the relevant Safety Data Sheets (SDS) for product safety related information. For further information and support: Nutech Paint 03 9770 3000 https://nutechpaint.com.au/ |
| | <p>KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION</p> <ul style="list-style-type: none"> • Vapours are heavier than air. Keep container closed • Use only with adequate ventilation • Avoid contact with eyes, skin and clothing • Wash thoroughly after handling • Avoid breathing vapours • DO NOT take internally • Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations |
| Provisions: | FastSeal is not recommended for very steep and smooth concrete. Refer to your Nutech Technical Specialist for alternative recommendations. |
| | <p>Fast Seal will prevent surface powdering of the concrete, however it <u>will not</u> increase the hardness of old concrete surfaces.</p> <p>Soft or damaged concrete <u>should not</u> be sealed with FastSeal without special surface treatment to stabilise and harden the concrete.</p> |
| Chemical Type: | Solvent based acrylic |
| Product | VOC: > 85% (highly flammable) |
| Attributes: | Solubility: Solvent Minimum Film Forming Temperature: 5°C Minimum Dry Film Thickness: 30-40µm |
| Typical Applications: | Typical projects include: Domestic & Multi Density Residential, Industrial and Commercial uses such as; Footpaths, Paving and Driveways. |
| Appearance: | Clear liquid |
| Coverage / Spread Rate: | 4-5m²/L (Per coat) Note: Coverage will depend on the porosity and roughness of the surface. To maximise performance do not over spread. |
| Packaging : | 20L |
| Storage: | Cool, dry location. Avoid contact with direct sunlight and heat |
| Shelf life: | Stored 24 months @ 25°C |
| Recommended Substrates: | Concrete, patterned and stencilled concrete, cement sheeting and masonry |
| Mixing/ Thinning: | NOTE: It is important to ensure good penetration into the concrete on first coat application. Fast Seal is supplied Ready for Use so generally no thinning is needed. To improve surface penetration of the <u>first coat</u> if required, add 5% - 10% Pavecoat Thinners . Prior to Commencement: Stir thoroughly prior to use. |

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| Test Patch: | As surface profiles can vary depending on application, conduct a small test patch in an inconspicuous area to ensure adequate product performance, substrate porosity and provide an indication of the time required to complete project. | | |
| Substrate note: | All surfaces must be clean and in sound condition. Remove all oil, dirt, grease, flaking paint and contamination. Fill cracks and holes in the surface as required. <i>Improperly prepared surfaces may result in coating failure.</i> | | |
| Application: | Roller or Brush | | |
| Preparation: | <p>Procedure: New, Cured Concrete:</p> <p><u>Allow a minimum of 7 days cure prior to coating.</u></p> <ul style="list-style-type: none"> - Where required, degrease the surface with Nu-EcoSafe Degreaser as outlined in the relevant TDS. - High pressure water blast (Min. 2000 psi) to remove efflorescence, dust and contamination - Etch the surface, following the recommendations outlined in the Nu-EcoSafe Etch in accordance with TDS guidelines. - Allow surface to dry and test for surface porosity prior to sealing. <p>NOTE: In cold conditions; Sealing of this concrete IS NOT recommended until the surface is dry and has started to whiten, indicating adequate curing.</p> | <p>Procedure: Old, Uncoated Concrete:</p> <p>All surface contamination such as oil, grease, paint and silicone should be completely removed.</p> <ul style="list-style-type: none"> - Where required, degrease the surface with Nu-EcoSafe Degreaser as outlined in the relevant TDS. - High pressure water blast (Min. 2000 psi) <p>Etch the surface, following the recommendations outlined in the Nu-EcoSafe Etch in accordance with</p> <ul style="list-style-type: none"> - Allow surface to dry and test for surface porosity prior to sealing. | <p>Procedure: Very Old, Delaminating, Previously Sealed Surfaces:</p> <p><u>This surface must not be etched</u></p> <p>All surface contamination such as flaking and delaminating paint, oil, grease, paint and silicone should be completely removed.</p> <ul style="list-style-type: none"> - Where required, degrease the surface with Nu-EcoSafe Degreaser as outlined in the relevant TDS. - High pressure water blast (Min. 2000 psi) <p>To determine if a surface is previously coated and suitable compatibility, refer to the Nutech Coating Test Kit and TDS.</p> <p>Once Determined:</p> <ul style="list-style-type: none"> - Thoroughly scrub the surface with Nutech Seal Repair Solution as outlined in the relevant TDS. |
| Conditions: | <p>10°C to 30°C ambient, dry conditions. Do not apply if; Rain is likely within 12 hours, it is late in the day or early in the morning. Failure to observe these directions can result in coating damage and surface clouding.</p> | | |
| Application: | <ul style="list-style-type: none"> • Supplied Ready for Use so generally no thinning is needed. To improve surface penetration of the <u>first coat</u> if required, add 5% - 10% Pavecoat Thinners • Dilution: 5% - 10% Nutech Thinners • Apply 2 even coats observing recoat and drying times | | |
| Touch Dry: | 30 minutes @25°C ambient conditions | | |
| Recoat: | 2 hours @25°C ambient conditions* | | |
| Hard Cure: | <p>7 days DO NOT park vehicles on newly applied FastSeal for at least 7 days *Drying times will be extended in cooler temperatures or higher humidity.</p> | | |

Clean Up: Protecting Our Environment is important to Nutech Paints:
 Clean up with **Nutech Thinners** or dispose of equipment. Do not pour left over paint down drains or in rubbish bins. Unwanted paint should be kept in a sealed container and then disposed of via special waste collection services.
 Empty paint containers should be left open in a well ventilated area to dry out. Dispose of empty paint containers in accordance with local authority guidelines. Always check with your local council first.

First Aid: **SEEK IMMEDIATE MEDICAL ATTENTION.** Refer to the appropriate **Nutech Safety Data Sheet (SDS)** for further information.
 For medical emergencies only, call: 000

- In case of eye contact, flush thoroughly with water for at least 15 minutes
- In case of skin contact, wash affected areas with soap and water
- Remove and wash contaminated clothing
- If inhalation causes physical discomfort, remove to fresh air
- If discomfort persists, or any breathing difficulty occurs or if swallowed, seek medical advice

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Warranty: Nutech Paint 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 non-conforming products. Any claim under this Warranty must be made by Buyer to Nutech Paint in writing within five days (5) 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 Paint of such non-conformance as required herein shall bar Buyer from recovery under this Warranty. Nutech Paint 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 Paint be liable for consequential or incidental damages.

Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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.

Disclaimer: The information provided in 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 Nutech Paint. As this information is of a general nature, we cannot assume any responsibility in individual cases.

The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Any recommendation or suggestion relating to the use of the products made by Nutech Paint, 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.
