

Technical Data Sheet

Silicon Sealer

Description:	Silicon Sealer is a deep penetrating, solvent-based sealer for porous concrete, masonry and terracotta building materials. Silicon Sealer is designed to impart water repellence to porous substrates, producing a water beading effect within a few hours.
Features:	<ul style="list-style-type: none"> • Extremely high alkali resistance • Suitable for application to slightly damp substrates • Rapid development of water resistance • Matt finish • Non-yellowing • Does not affect surface colour or texture • Fast drying
Safety Precautions:	<p>Observe all Occupation Health and Safety (OH&S) precautions.</p> <p>Refer to the relevant Safety Data Sheets (SDS) for product safety related information.</p> <p>For further information and support: Nutech Paint 03 9770 3000 https://nutechpaint.com.au/</p> <p>KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION</p> <ul style="list-style-type: none"> • Always keep container closed when not in use • Vapours are heavier than air • Use only with adequate ventilation and avoid breathing vapours • Avoid contact with eyes, skin and clothing • Wash thoroughly after handling • DO NOT take internally • Use impervious gloves and eye protection <p>If the product is being used for extended periods of time and/or in poorly ventilated areas, use approved respiratory protection in accordance with applicable Federal, state and local regulations.</p>
Provisions:	<p>Protect all glass from Silicon Sealer.</p> <p>NOT SUITABLE FOR Bluestone refer to AquaStop Silicon Sealer Or contact Nutech Paint</p>
Product Attributes	<p>Percent VOC: 93%</p> <p>Solubility: Solvent</p> <p>Minimum Film Forming Temperature: N/A</p>
Typical Applications	<p>Typical projects include:</p> <p>Domestic & Multi Density Residential, Industrial, Commercial areas where natural stone protection is required.</p>
Appearance	Clear, slightly cloudy liquid
Coverage / Spread Rates	<p>0.1 - 2m²/L*</p> <p>*Actual coverage rates may vary depending on the type of substrate.</p> <p>Refer to the Procedure section of this TDS with detail specific to substrates.</p>
Packaging	4L, 20L
Shelf life	Stored correctly the product has a shelf life of 6 months.
Storage	Protect from direct sunlight. Avoid storage temperatures above 30°C and protected from direct sunlight. Containers must be sealed airtight as the Silicon Sealer reacts with atmospheric humidity.

Recommended Substrates:	Concrete, terracotta floor and roof tiles, mineral plaster, cement sheet, limestone, sandstone, brick masonry, rendered surfaces. (This product is not suitable for plaster of paris)																					
Mixing/ Thinning	Prior to Commencement: Stir thoroughly prior to use. No thinning required																					
Test Patch	It is essential that you test on natural stone and pavers before using to ensure that the original colour and appearance is unchanged. The reaction of Silicon Sealer on different brands and batches of pavers will vary greatly. Individual jobs should be thoroughly tested before sealing whole areas. A number of pavers on every specific job should be individually tested to ensure that the sealed appearance of the pavers is satisfactory.																					
Substrate note:	All surfaces must be clean and in sound condition. Remove																					
Application	Brush or Roller																					
Procedure:	Recommended application rates per substrate <table><tr><td>Concrete & Terracotta</td><td>0.3 – 0.5</td><td>Lt/m²</td></tr><tr><td>Plaster</td><td>0.5 – 1.0</td><td>Lt/m²</td></tr><tr><td>Sandstone</td><td>0.4 – 0.7</td><td>Lt/m²</td></tr><tr><td>Brick Wall</td><td>0.4 – 2.0</td><td>Lt/m²</td></tr><tr><td>Cement Sheet</td><td>0.1 – 0.3</td><td>Lt/m²</td></tr><tr><td>Natural Stone*</td><td>0.1 – 0.3</td><td>Lt/m²</td></tr><tr><td>Aerated Concrete</td><td>0.5 – 2.0</td><td>Lt/m²</td></tr></table> *Excluding Bluestone – Refer AquaStop Silicon Sealer The solution should be applied to saturation without pressure and in several (2-4) coats. Remove excess product do not allow to pool on the surface.	Concrete & Terracotta	0.3 – 0.5	Lt/m ²	Plaster	0.5 – 1.0	Lt/m ²	Sandstone	0.4 – 0.7	Lt/m ²	Brick Wall	0.4 – 2.0	Lt/m ²	Cement Sheet	0.1 – 0.3	Lt/m ²	Natural Stone*	0.1 – 0.3	Lt/m ²	Aerated Concrete	0.5 – 2.0	Lt/m ²
Concrete & Terracotta	0.3 – 0.5	Lt/m ²																				
Plaster	0.5 – 1.0	Lt/m ²																				
Sandstone	0.4 – 0.7	Lt/m ²																				
Brick Wall	0.4 – 2.0	Lt/m ²																				
Cement Sheet	0.1 – 0.3	Lt/m ²																				
Natural Stone*	0.1 – 0.3	Lt/m ²																				
Aerated Concrete	0.5 – 2.0	Lt/m ²																				
Drying Time	@ 25°C ambient conditions 60% relative humidity																					
Touch	30 minutes																					
Recoat	1 Hour																					
Hard Cure	24 hours																					
Clean Up	Protecting Our Environment is important to Nutech Paints: Clean up equipment with X5 Solvent or dispose. Do not pour leftover 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. Dispose of empty paint containers in accordance with local authority’s 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 <ul style="list-style-type: none">• 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, any breathing difficulty occurs or if swallowed, seek medical advice																					

NuTech Paint Pty Ltd

T +61 3 9770 3000

4 Keppler Circuit

Seaford VIC 3198

nutech.com.au



Warranty:	<p>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.</p> <p>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.</p>
Limitation of Liability:	<p>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.</p>
Disclaimer:	<p>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.</p> <p>As this information is of a general nature, we cannot assume any responsibility in individual cases.</p> <p>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.</p> <p>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.</p>