

Technical Data Sheet

AquaStop Silicon Sealer

Description: **AquaStop Silicon Sealer** is a water-based, deep penetrating, ultra-low VOC, sealer and water repellent for porous concrete, natural stone and terracotta building materials. **AquaStop Silicon Sealer** is designed to impart water repellence to porous substrates, producing a water beading effect within a few hours.

- Features:**
- Water based with no harmful VOC's
 - 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: Observe all Occupation Health and Safety (OH&S) 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://nutech.com.au/>

Provisions: Protect all glass from AquaStop Silicon Sealer
 DO NOT allow product to pool. Remove any excess product before drying as this will leave a milky appearance which cannot be removed.

DO NOT apply the **AquaStop Silicon Sealer** late in the day as the risk of surface damage caused by dew and condensation may occur.

Chemical Type: Silicon emulsion

Product Attributes: pH: 9.0 - 10.0
 Percent VOC: N/A
 Total VOC (g/Litre): N/A
 TVOC Green Star Compliance: IEQ13
 Solubility: Water
 Minimum Film Forming Temperature: N/A

Typical Applications: Typical projects include:
 Domestic & Multi Density Residential, Industrial, Commercial areas where natural stone protection is required.

Appearance: Clear, slightly cloudy liquid

Coverage / Spread Rates: 0.1 - 2m²/L*
 *Actual coverage rates may vary depending on the type of substrate.
 Refer to the Procedure section of this TDS with detail specific to substrates.

Packaging : 4L, 15L

Shelf life: 12 months

Storage: Protect from direct sunlight. Avoid storage temperatures above 30°C and protected from direct sunlight. Containers must be sealed airtight as the **AquaStop Silicon Sealer** reacts with atmospheric humidity

Recommended Substrates: Concrete, terracotta floor and roof tiles, mineral plaster, cement sheet, limestone, sandstone, brick masonry, rendered surfaces and bluestone. (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 AquaStop 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 all oil, dirt, grease, and contamination. Application to slightly damp surfaces is possible.																					
Application:	Brush, Roller or Airless Spray																					
Procedure:	Recommended application rates per substrate <table data-bbox="319 739 798 985"> <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> <p>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.</p> <p>The solution should be applied to saturation without pressure. Observing recoat times, 3 - 4 coats are sufficient Remove excess product and do not allow to pool on the surface.</p>	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
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Drying Time	@ 25°C ambient conditions 60% relative humidity																					
Touch	30 minutes																					
Recoat	1 Hour																					
Full Cure	24 hours																					
Clean Up	Protecting Our Environment is important to Nutech Paints: Clean up with clean fresh water. 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, 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.
