

Technical Data Sheet

AmbientPro - StopWater

Description: **AmbientPro – StopWater** is an ultra-low VOC preparation treatment for substrates exposed to rising damp providing a temporary support structure for Graphenstone mineral based paints. Once the source of the rising damp has been remedied, apply to the damaged surface prior to top coating. Thanks to the naturally high pH of Graphenstone paints, StopWater progressively degrades overtime allowing breathability back into the substrate to significantly reduce long term coating damage.

- Features:**
- Ideal for substrates subjected to rising damp
 - Temporary moisture barrier with progressive degradation
 - Also use as a primer (Observe dry times in this TDS)
 - Enables easy and consistent top coating
 - Regulates absorption and breathability of the substrate
 - Suitable for interiors and exteriors
 - Exceeds requirements for Green Building and Passive House projects

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://nutechpaint.com.au/>

- Usage warnings:**
- Protect skin and eyes.
 - Apply with good ventilation, do not inhale product
 - Keep out of reach of children

Provisions: **It is recommended that the source of the rising damp is located and treated by a trained professional to ensure longevity.**

Chemical Type: Water based acrylic copolymer

Product Attributes: pH: 8 ±1
 Volatile Organic Compounds (VOC): <1 g/Lt
 Emission rating: Exceeds GBCA Green Star IEQ13 compliance (primer, sealer & prep. coats)
 Solubility: In Water
 Minimum Film Forming Temperature: 10°C
 Appearance: Clear viscous liquid

Typical Applications: AmbientPro – Stop Water is used as a primer/stabiliser prior to top coating. Restoration of interior and exterior areas where natural capillary absorption or rising damp is present.

Recommended Substrates: Suitable for all Graphenstone Mineral based paints and renders.

Coverage / Spread Rate: 12 - 14m² (Per Coat)
 Coverage will be dependent on surface absorption – refer Test Patch Note

Test Patch:	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.
Packaging:	5L pail & 10L pail
Storage:	Cool, dry location. Keep from freezing and avoid contact with direct sunlight and heat.
Shelf life:	Stored 12 months @ 25°C
Mixing/ Thinning:	Nil – Product is supplied ready for use
Preparation:	In accordance with AS/NZS2311 commensurate with substrate. Refer to the preparation and product recommendations outlined in this TDS.
Application:	Brush, Roller
Drying Times	@ 25°C and 60% relative humidity
Touch Dry:	30 minutes
Recoat:	Surfaces with rising damp: Topcoat after 6 – 12 hours Max. As a Primer: Topcoat <u>after 24 hours</u>

<p><u>SUBSTRATE CONSIDERATIONS:</u></p> <p>Conditions of the substrate: The substrate must be dry, firm, well-adhered and free from any impurities that may hinder the product from setting fully. Do not apply to frequently submerged surfaces or surfaces in constant contact with water.</p> <p>Mineral based substrate: Concrete/ render must have been allowed to cure for a minimum 28 days.</p> <p><u>PREPARATION:</u></p> <p>If the substrate presents algae, mould, fungi and / or other impurities, it is recommended to thoroughly clean with specific products for this purpose.</p> <p>Substrates Note: Must be resistant to high alkalinity.</p> <p>Application surfaces: General use for vertical or steeply sloping mineral paints, mineral renders, plasters, exposed concrete, calcareous sandstone, etc.</p> <p>The substrate must be dry, firm, well-adhered and free from any impurities that may hinder the product from setting fully.</p> <p>Preparation of the substrate: If the substrate presents algae, mould, fungi and / or other impurities, it is recommended to do a thorough cleaning, eliminating in its entirety and with specific products for this purpose.</p> <p>If the substrate is not well adhered, first remove areas that do not adhere by scraping and brushing.</p>	<p><u>APPLICATION INSTRUCTIONS:</u></p> <p>Ambient Conditions: The work temperature must be between 10°C and 30°C. Do not apply in direct sunlight. In case of rain: Do not coat if rain is likely within 24 hours.</p> <p><u>APPLICATION:</u> Shake container thoroughly and apply 1 even coat</p> <p>Brush Roller Application: Impregnate the substrate with the product until its saturated. Generally, 1coat is sufficient to achieve performance.</p> <p>Complementary products: It is recommended to use the Graphenstone product range of primers and sealers for application, repair and/or finishing as required. Please, refer to the relevant Technical Data Sheets or Contact Nutech Paint for further assistance.</p> <p>Do not inter-mix with any other products as specific properties may change.</p>
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Clean Up: Protecting Our Environment is important to Nutech Paint:
 Clean up with clean warm 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.
 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'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

- 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

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.

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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.



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