

Technical Data Sheet

AmbientPro - Hydroxéal

Product Description: **AmbientPro - Hydroxéal** is a water-repellent top coat treatment for humid or atmospherically polluted areas. Designed specifically as a sealant for the Graphenstone mineral based range of top coat paints, **AmbientPro - Hydroxéal** prevents capillary absorption of water and contaminants without significantly altering the substrate's breathability.

- Features:**
- Free of VOC's and toxic emissions
 - Exceeds requirements for Green Building and Passive House projects
 - Water-repellent
 - Protection against humidity and airborne pollutants
 - Does not alter the breathability of substrate
 - High penetration power - Does not film form
 - Excellent weather resistance
 - Alkaline-resistant
 - Quick 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**
www.nutechpaint.com.au

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

Provisions: **In order to preserve the long term water repellence, re-apply every 1 – 3 years depending on atmospheric conditions.**

Chemical Type: Water based siloxane

Product Attributes: pH: 10 ±1
Total Volatile Organic Compounds (TVOC): <1 g/Lt
Emission rating: Exceeds GBCA Green Star IEQ13 compliance (primer, undercoat & prep. coat)
Solubility: In Water
Minimum Film Forming Temperature: 10°C

Typical Applications: Domestic & Multi Density Residential, Industrial and Commercial uses where Green Building and Passive House criteria is required.
INTERNAL areas subject to high humidity, such as bathrooms and laundries.
EXTERNAL areas subject to high humidity and airborne pollution.

Substrate Recommendations: Suitable for all Graphenstone Mineral based paints and renders.

Coverage / Spread Rate: **Graphenstone mineral paints:** 200-300 ml/m²

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 and 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:** **PRODUCT IS SUPPLIED READY FOR USE – Dilution is not required**

Application: Brush, Roller, Airless spray

Drying Times Ambient conditions @ 25°C and 60% relative humidity

Touch Dry: **30 minutes**

Recoat: **30 – 60 minutes**

Total dry: **24 hours**

SUBSTRATE CONSIDERATIONS:

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 surfaces in constant contact with water.

Mineral based substrate: Concrete/ render must have been allowed to cure for a minimum 28 days.

PREPARATION:

If the substrate presents algae, mould, fungi and / or other impurities, it is recommended to thoroughly clean with specific products for this purpose.

Substrates Note: Must be resistant to high alkalinity.

Application surfaces:

General use for vertical or steeply sloping mineral paints, mineral renders, plasters, exposed concrete, calcareous sandstone, etc.

The substrate must be dry, firm, well-adhered and free from any impurities that may hinder the product from setting fully.

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.

If the substrate is not well adhered, first remove areas that do not adhere by scraping and brushing.

If the substrate has poor adhesion (sandy, dusty, etc.), brush and consolidate with Minerseal Premium diluted 3:1 with water.

Masking:

Mask off or apply drop sheets to all areas not to be coated, to ensure no spatter or overspray. If masking is required on freshly painted surfaces, allow first coat to dry for minimum 36 hours

APPLICATION INSTRUCTIONS:

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.

Brush Roller Application:

- Paint in sections starting with cutting in borders
- Do not overload brushes and rollers
- Apply evenly in a V pattern 1 coat

Impregnate the substrate with the product until its saturated. Generally, 1-2 coats are enough to achieve water-repellent performance. The application of successive coats is performed in semi-wet state.

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.

Do not inter-mix with any other products as specific properties may change.

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 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.

Disclaimer

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.'

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.



Nutech Paint
 For a perfect finish!

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