

Technical Data Sheet

AmbientPro – Elite Four 2 Four

Product Description: **AmbientPro - Elite Four 2 Four** is a water based primer designed specifically for the Graphenstone range of mineral based top coat finishes. Suited for both INTERIOR and EXTERIOR applications, it is an ideal adhesion promotor for all surfaces including all metals, wood and engineered timber surfaces, porous and non-porous surfaces, oil based, polyurethane and epoxy based, painted surfaces and glazed tiles. **AmbientPro - Elite Four 2 Four** also provides excellent stain and tannin blocking characteristics.

- Features:**
- Low VOC
 - Fast drying
 - Excellent adhesion
 - Suitable for a wide range of substrates
 - Exceeds requirements for Green Building and Passive House projects
 - Suitable for all Graphenstone Interior & Exterior range of products

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: Refer to the mixing/ thinning instructions of this TDS and observe storage and handling conditions.

Chemical Type: Water based acrylic

Product Attributes: pH: 8.5
 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 Green Building and Passive House criteria is required, to provide excellent surface stabilisation from porosity, adhesion, stain blocking, metal protection and timber preparation.

Substrate Recommendations: **AmbientPro - Elite Four 2 Four** is suitable for all surfaces including steel, aluminium, MDF, timber, ceramics and coated surfaces such as polyurethane and epoxy.

Coverage / Spread Rate: **10 - 11m²/L** (Per coat)
 Coverage will depend on the porosity and roughness of the surface. To maximise performance do not over spread.

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: 1L, 5L Pail 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
 Product may thicken without losing properties.



Mixing/ Thinning:	PRODUCT IS SUPPLIED READY FOR USE – Dilution is not required
Application:	Brush, Roller, Airless Spray NOTE: Refer Application guidelines for recommendations
Drying Times:	Note: Ambient conditions @ 25°C and 60% relative humidity
Touch Dry:	30 minutes
Recoat:	30 – 60 minutes
Total dry:	6 - 8 hours Dry times will be increased in lower temperatures or higher humidity.



SUBSTRATE CONSIDERATIONS:

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

PREPARATION:

If the substrate presents any remaining dust, grease, dirt and other impurities, it is recommended to thoroughly clean the surface to ensure adequate adhesion.

METAL SURFACES:

Bare aluminium; Thoroughly mechanical or hand sand with P80 to P180 grit sand paper.

Steel surfaces; Mechanical or hand wire brush to ensure the steel is free from any corrosion.

For corroded or hard to reach steel, Nu-EcoSafe Rust can be used to neutralise the rusty surface prior to Four 2 Four application. Refer to the Nu-EcoSafe Rust TDS for further information.

Ensure remaining dust, grease and impurities are removed with a suitable cleaner and ensure the surface is thoroughly dry prior to application of Four 2 Four.

MDF and WOOD SEALANT:

Sand surface making sure you are following the wood grain (where applicable) using sand paper ranging from P220 grit to P320 to ensure a smooth surface.

Clean thoroughly, remove all resins on the surface and smooth sharp edges.

Apply 1 or 2 coats of Four 2 Four depending on absorption the substrate, sanding between layers with P220 – P320 grit sand paper if a smooth finish is required.

PRE-PAINTED SURFACES

Pre painted surfaces should be thoroughly sanded to ensure a sufficient adhesion “key” prior to primer application.

Thoroughly mechanical or hand sand with P220 grit or finer sand paper.

Ensure remaining dust, grease and impurities are removed with a suitable cleaner and ensure the surface is thoroughly dry prior to application of Four 2 Four.

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:

- **Roller: 12 – 18mm nap**

Interior: Apply 1 coat and allow to dry.

Exterior: Apply 2 coats observing drying and recoat times. Lightly sand to improve adhesion.

Complementary products: It is recommended to use the Graphenstone top coat product range of 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:	<p>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.</p>
First Aid:	<p>SEEK IMMEDIATE MEDICAL ATTENTION. Refer to the appropriate <i>Nutech Safety Data Sheet</i> (SDS) for further information. For medical emergencies only, call: 000</p> <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
Warranty	<p>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.</p> <p>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.</p> <p>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.</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 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.</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>



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For a perfect finish!

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