

## Technical Data Sheet

### Atmosphere - Seville

**Description:** **Atmosphere - Seville** is a natural, ultra-low VOC, water based faux render effect developed for both **INTERIOR** and **EXTERIOR** applications. **Atmosphere - Seville** uses natural minerals and a graphene nanotechnology polymer which provides strength, flexibility, and durability. **Atmosphere - Seville** is a special effect finish and is dictated by your application imagination, short or long brush strokes or a combination of both, will provide a unique and natural effect.

**Features:**

- Excellent durability
- Excellent strength & flexibility
- Breathable
- Fine and coarse finishes
- Exceeds requirements for Green Building and Passive House projects
- Available in a full strength pure white and pastel bases

**Safety** Observe all Occupation Health and Safety (OH&S) precautions.  
**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:**

- Alkaline product - protect skin and eyes
- Apply with good ventilation, do not inhale product
- Keep out of reach of children

**Provisions:** **Product is supplied as Ready for Use (RFU).** Refer to the mixing/ thinning instructions of this TDS and observe storage and handling conditions.

**Chemical Type:** Water based mineral emulsion

**Product Attributes:** pH: 9.5 ±1  
 Total Volatile Organic Compounds (TVOC): <1 g/Lt  
 Emission rating: Exceeds GBCA Green Star IEQ13 compliance  
 Permeability to water vapour: Class 1 (EN 1062-1): SD < 0.14 m  
 Washability (EN 13300): Class 1  
 Capillary water absorption: w < 0.01 kg/m<sup>2</sup>·h<sub>0,5</sub>  
 Fire performance: B-s1, d0  
 Solubility: In Water  
 Minimum Film Forming Temperature: 10°C

**Typical Applications :** Domestic & Multi Density Residential, Industrial and Commercial special effect faux render uses where Green Building and Passive House criteria is required.

**Coverage / Spread Rate:** **2-3 m<sup>2</sup>/L** (3 coats).  
 Note: Coverage will depend on the porosity and roughness of the surface and application technique.

<b>Test Patch:</b>	<b>Conduct a small test patch in an inconspicuous area or separate workspace to develop the desired effect and pattern.</b> Also, assess substrate porosity and to provide an indication of the time required to complete project.
<b>Recommended Substrates:</b>	<b>Atmosphere Seville</b> is suitable for masonry, brick, and other similar building substrates.
<b>Packaging:</b>	5L Pail & 10L Pail
<b>Storage:</b>	Cool, dry location. Keep from freezing and avoid contact with direct sunlight and heat.
<b>Shelf life:</b>	Stored 12 months @ 25°C Product may thicken without losing properties.
<b>Mixing/ Thinning:</b>	<b>Atmosphere - Seville</b> is supplied Ready for Use (RFU). If dilution is required observe the following: <b>Maximum dilution:</b> 15% by volume - clean fresh water. (up to 150ml per litre) <b>Prior to Commencement:</b> Stir thoroughly prior to use. DO NOT agitate
<b>Preparation:</b>	In accordance with AS/NZS2311 commensurate with substrate. Refer to the preparation and product recommendations outlined in this TDS.
<b>Application:</b>	Brush, Roller NOTE: Refer Application guidelines for recommendations
<b>Drying Time</b>	<b>Note:</b> Dry times based on ambient conditions @ 25°C and 60% relative humidity.
<b>Touch Dry:</b>	<b>30 Minutes</b>
<b>Recoat: Total</b>	<b>2 – 4 Hours</b>
<b>Dry:</b>	<b>24 hours</b> Dry times will be increased in lower temperatures or higher humidity.
<b>Hard Cure:</b>	The total curing occurs during the first 30 days. It is recommended to avoid cleaning and/or rubbing during that time.

## 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 substrates** - New Concrete and Render; Allow a minimum 28 days prior to coating.

**Preparation of the substrate:** 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.

**High moisture level substrates:** 24 hours before topcoat application, apply AmbientPro – StopWater.

**Blistered, and flaking paint:** Remove all damaged and loose paint from the surface.

Fill any irregularities and sand smooth in accordance with the appropriate filler recommendations.

**Surface cracks:** the recommendation depends on the width of the crack:

1-3 mm Apply filler (with a fiberglass mesh if >1 mm).

3-10 mm V groove and apply filler with mesh.

>10 mm Requires architectural assessment.

**Deteriorated render:** Remove all damaged and loose render from the surface.

Repair rendered areas as required.

If the substrate presents structural cracks, moisture by capillarity, condensation or filtration, etc.; it is necessary to resolve the structural problems first. Architectural and Engineering advice should be sought prior to commencement of works.

## PREPARATION:

- **Old acrylic interior paint:** Lightly sand (P220 Grit or scourer pad) and clean surfaces. Apply **AmbientPro - Primer Colour Blocker**.
- **Old oil-based paint:** Lightly sand (P220 Grit or scourerpad) and clean surfaces: **Apply AmbientPro - Four2Four**.
- **Pre-painted deep-toned colours (Interior):** For greater coverage apply **AmbientPro - Primer Colour Blocker**.
- **Absorbent interior substrates:** (e.g., cement blocks, brick, plaster, etc.): apply **AmbientPro - Primer Colour Blocker**.
- **Absorbent exterior substrates:** (e.g., cement blocks, brick, plaster, etc.): apply **AmbientPro - Four2Four**.
- **Wood or metal** (free of corrosion or oxidation) apply **AmbientPro - Four2Four**

**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**

**Note:** to ensure adequate an adequate finish is achieved, 2 – 3 coats may be required.

### **1<sup>st</sup> Coat Roller application**

- Paint in sections (wall by wall) starting with cutting in edges and borders
- Do not overload brushes and rollers
- Apply evenly in a V pattern 2 – 3 coats observing recoat and dry times
- Do not paint on areas that are drying, avoid overlapping.

### **2<sup>nd</sup> & 3<sup>rd</sup> Coat (where required) brush application**

- Paint in sections (wall by wall) starting with cutting in edges and borders
- Do not overload brushes and rollers
- Apply in sweeping brush strokes to achieve desired pattern 2 – 3 coats may be required
- Lightly back roll to ensure a consistent, even finish

**Note:** Excessive build or failure to observe dry times between coats may generate micro-cracks.

### **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 swallowed, breathing difficulty occurs or any discomfort persists, 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 several 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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