



# Technical Data Sheet PART A & PART B

## EPiC AquaFloor PART A

**Product Description** **EPiC AquaFloor** is a high strength, water based, low VOC, 2 pack polyurethane floor coating. It provides excellent protection to concrete, timber, masonry and primed metal surfaces, providing excellent EXTERIOR and INTERIOR durability. **EPiC AquaFloor** offers excellent protection against petrol, oil, fatty oils, alkali, acid and efflorescence. Based on a food grade compliant formulation, it is ideal for a wide variety of commercial and domestic applications.

- EPiC AquaFloor Features:**
- Excellent interior and exterior durability
  - Hard wearing
  - Excellent adhesion
  - Excellent hardness
  - High resistance to Abrasion
  - Impervious to Water and Moisture
  - Corrosion resistance

**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](http://www.nutechpaint.com.au)

**Provisions** **Do not apply to surface temperatures below 10°C or above 30 °C and allow for adequate drying time. In cold weather do not overcoat until the first coat is fully dried.**

**Chemical Type** Water based polyurethane

**Product Attributes** Percent VOC: < 19%  
Solubility: Water  
Minimum Film Forming Temperature: 10 Degrees C  
Minimum Dry Film Thickness: 65µm

**Typical Applications** Typical projects include:  
Domestic & Multi Density Residential, Industrial, Commercial, Restaurants, Hospitals, Supermarkets, Service Stations and Workshops where excellent exterior durability and low VOC are required.

**Appearance** Opaque or colour tinted viscous liquid

**Coverage / Spread Rate** **8 - 10m<sup>2</sup>/L**  
Note: Coverage will depend on the porosity and roughness of the surface.  
To maximise performance do not over spread.

**Packaging** **Part A 4L, 10L, 20L**

**Storage** Cool, dry location. Avoid contact with direct sunlight and heat

**Shelf life** Un-mixed, 24 months Stored @ 25°C

**Substrate Recommendations:** **EPiC AquaFloor** is suitable for a wide range of substrates such as timber, masonry, brick, pre-primed metal.

**NOTE** For greater slip resistance, **AntiSlip Cast On – Coarse or Fine** can be broadcast on the wet freshly applied surface of the first coat and encapsulated with a subsequent coat of **EPiC AquaFloor**. Testing is recommended before proceeding to ensure that a potential slip hazard is avoided. Refer to your Nutech specialist for alternative recommendations on steep, smooth surfaces.



<b>Mixing/ Thinning</b>	<p><b>Prior to Commencement:</b> Stir thoroughly prior to use.  <b>Part A:</b> 4 Parts  <b>Part B:</b> 1 Part          After drill mixing leave to stand for 10 minutes before using to allow full activation.  <b>Thinning:</b> Clean Water</p> <p><b>Maximum Thinner dilution;</b>  <b>Brush/Roller 1<sup>st</sup> Coat:</b> Bare concrete and masonry surfaces thin 20% - 25% for excellent penetration and adhesion.  <b>Brush/Roller 2<sup>nd</sup> Coat:</b> Nil  <b>Spray:</b> 10% - 15%</p> <p><b>Note: Drill mixing recommended.</b>  <i>Stirring by hand with a stirring stick is inadequate to provide a homogeneous mix.</i>  <b>DO NOT store mixed product in spray equipment to avoid damage.</b></p>					
<b>Pot Life (when mixed)</b>	2 Hours @ 25°C <u>DO NOT</u> use after pot life has expired					
<b>Test Patch</b>	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.					
<b>Substrate note:</b>	All surfaces must be clean and in sound condition. Remove all oil, dirt, grease, flaking paint and contamination. Fill cracks and holes in the surface as required. <b>Improperly prepared surfaces may result in coating failure.</b>					
<b>Application</b>	Brush, Roller, Airless Spray <b>Number of Coats:</b> Brush or Roller: - 2 Coats Spray: 2 – 3 coats or minimum of 150 microns wet film thickness.					
<b>Procedure:</b>	<p><b>Pre-painted surfaces:</b> should be tested for compatibility and adhesion prior to over coating. <b>Refer to the Nutech Coating Test Kit Fact Sheet.</b>          Painted concrete in poor condition should be stripped using our <b>Nu-EcoSafe</b> range of paint strippers and <b>Nu-EcoSafe Concrete Etch</b> before application. Refer to the relevant TDS.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; vertical-align: top;"> <p><b>New Concrete:</b>  <b>pH Must be less than 10 and a minimum 28 days cure.</b>            Must be etched using 1 Part <b>Nu-EcoSafe Concrete Etch</b> to 10 Parts Water.            High Pressure Water Blast area (&gt;2500Psi) and allow to thoroughly dry prior to top coat application.</p> </td> <td style="width: 33%; vertical-align: top;"> <p><b>New &amp; Old Bare Concrete:</b>            Must be etched using 1 Part <b>Nu-EcoSafe Concrete Etch</b> to 10 Parts Water.            High Pressure Water Blast area (&gt;2500Psi) and allow to thoroughly dry prior to top coat application.</p> </td> <td style="width: 33%; vertical-align: top;"> <p><b>Rusted &amp; Weathered steel:</b>            Must be power wire brushed to remove rust, dirt and scale. Treated with <b>Nu-EcoSafe Rust</b>, converter and inhibitor before applying <b>EPiC Etch Primer</b>.            Refer Relevant TDS's prior to top coat application.</p> </td> </tr> </table>			<p><b>New Concrete:</b>  <b>pH Must be less than 10 and a minimum 28 days cure.</b>            Must be etched using 1 Part <b>Nu-EcoSafe Concrete Etch</b> to 10 Parts Water.            High Pressure Water Blast area (&gt;2500Psi) and allow to thoroughly dry prior to top coat application.</p>	<p><b>New &amp; Old Bare Concrete:</b>            Must be etched using 1 Part <b>Nu-EcoSafe Concrete Etch</b> to 10 Parts Water.            High Pressure Water Blast area (&gt;2500Psi) and allow to thoroughly dry prior to top coat application.</p>	<p><b>Rusted &amp; Weathered steel:</b>            Must be power wire brushed to remove rust, dirt and scale. Treated with <b>Nu-EcoSafe Rust</b>, converter and inhibitor before applying <b>EPiC Etch Primer</b>.            Refer Relevant TDS's prior to top coat application.</p>
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<b>Drying Time</b>	Conditions based on @ 25°C 60% relative humidity.					
<b>Touch</b>	Touch Dry 6 - 8 hours					
<b>Recoat</b>	8 hours and within 24 hours					
<b>Hard Cure</b>	7 Days					
<b>Clean Up</b>	Protecting Our Environment is important to Nutech Paints:					



Clean up with clean 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.

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**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

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**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.

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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.

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**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.

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# Nutech

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**PTY LTD**

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[www.nutechpaint.com.au](http://www.nutechpaint.com.au)



# Technical Data Sheet PART A & PART B

## EPiC AquaFloor **PART B**

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**Product Description:** EPiC AquaFloor Part B is to be blended in kit form with EPiC AquaFloor Part A.  
For mixing ratio recommendations please refer to the EPiC AquaFloor Part A Technical Data Sheet.

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**Provisions:**

**Chemical Type:** Water based Crosslinker

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**Product Attributes:** Per Cent Volatiles (VOC): 0%  
Solubility: In Water  
Minimum Film Forming Temperature: 10 Deg.C.

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**Typical Applications:** Crosslinker for **PART A**

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**Appearance:** Clear viscous liquid

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**Packaging:** 0.8Lt, 2Lt, 4Lt,

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**Storage:** Cool, dry location. Avoid contact with direct sunlight and heat

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**Shelf life:** Stored 24 months @ 25°C (Or relevant to specific Product)

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**Substrate**

**Recommendations:** N/A - REFER PART A TDS

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**Mixing/ Thinning:** **Part A:** 4 Parts  
**Part B:** 1 Part  
After drill mixing leave to stand for 10 minutes before using to allow full activation.  
**Thinning:** Clean water  
**Maximum Thinner dilution:** REFER PART A TDS

***Note:** Stirring by hand with a stirring stick is inadequate to provide a homogeneous mix.  
DO NOT store mixed product in spray equipment to avoid damage.*

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**Application:** N/A - REFER PART A TDS

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**Procedure:** N/A -REFER PART A TDS

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**Drying Time:** N/A - REFER PART A TDS

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**Recoat:** N/A - REFER PART A TDS

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**Clean Up** Protecting Our Environment is important to Nutech Paints:  
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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.

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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.

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**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.  
  
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