

# Technical Data Sheet PART A & PART B

## EPiC Epoxy100 PART A

**Description:** EPiC Epoxy 100 is a solvent free, 100% solids, high bond strength, 2 pack epoxy coating for INTERIOR concrete floors. It provides good resistance against scratching and abrasion, whilst offering protection to the exposure of fats, oils, petrochemicals, alkali, salt solutions and is impervious to moisture. EPiC Epoxy 100 exhibits excellent self-levelling properties, making it ideal as a high performance floor coating or trowelable self-levelling and coving compound\*.

- Features:**
- Functional, high build and high flow coating
  - Isocyanate free
  - Outstanding chemical resistance

\*Refer to mixing recommendations in this TDS

**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/>

**KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION**

- Always keep container closed when not in use
- Vapours are heavier than air
- Use only with adequate ventilation and avoid breathing vapours
- Avoid contact with eyes, skin and clothing
- Wash thoroughly after handling
- DO NOT take internally
- Use impervious gloves and eye protection

If the product is being used for extended periods of time and/or in poorly ventilated areas, use approved respiratory protection in accordance with applicable Federal, state and local regulations.

**Provisions:** *Do not apply to surface temperatures below 10°C or above 30°C. Observe drying and recoat times outlined in this TDS.*  
*In cold weather do not overcoat until the first coat is fully dried.*

**Chemical Type:** Solvent soluble, 100% solids Epoxy

**Product Attributes:** Percent Volatiles (VOC): 0%

Solubility in water: Solvent  
 Minimum Film Forming Temperature: 10°C  
 Minimum Dry Film Thickness: 110µm (per coat)

**Typical Applications:** Interior applications for Domestic & Multi Density Residential, Industrial, Hospitals, Hotels, Auto Repair & Commercial projects.

**Appearance:** Clear viscous liquid

**Coverage / Spread Rate:** **2-3 m<sup>2</sup>/Litre**

Roller or Brush: 220µm (2 coats) wet film thickness  
 Trowel (as a self-leveller or coving compound) as required

**Packaging:** 1 litre kit, 4 litre kit, 20 litre kit

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

**Shelf life:** 24 months @ 25°C

**Recommended Substrates:** Concrete

**Mixing/ Thinning:** **Note:** Product is supplied in kit form.  
 Add **Part B** to **Part A** and drill mix for 5 minutes making sure not to aerate the mixture as this will shorten pot life  
**Roller & Brush application:** Thinning generally not required  
**Trowelable self-levelling compound#:** 2 parts clean dry fine silica sand to 1 part EPiC Epoxy 100 **Part A**. Add **Part B** and mix as required  
**Mouldable coving compound#:** 3 - 4 parts clean dry fine silica sand (or to desired consistency) to 1 part EPiC Epoxy 100 **Part A**. Add **Part B** and mix as required  
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To enable a more workable & malleable product, remove mixture from drum as soon as possible once mixed.

**Pot Life: (when mixed)** **30 Mins.**  
 DO NOT use after pot life has expired.

**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.

**Substrate note:** 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 by mixing this product as outlined for trowel application.  
**Improperly prepared surfaces may result in coating failure.**

<b>Preparation:</b>	<b>Existing Coated surfaces:</b> Establish the composition of the existing finish for suitability (refer <b>Nutech Coating Test Kit</b> )  Painted concrete in poor condition should be stripped using our <b>Nu-Ecosafe</b> Industrial stripper. Refer to the relevant TDS for further recommendations	<b>Existing epoxy coated surfaces:</b> Thoroughly clean the surface using Nu-EcoSafe Degreaser outlined in the relevant TDS and allow to thoroughly dry.  Abrade the existing epoxy coated surface is recommended. Surfaces should be abraded thoroughly using P80 – 120 grit discs.  Remove any dust, dirt and debris and thoroughly clean the surface using Nu-EcoSafe Degreaser.	<b>New and old bare concrete surfaces:</b> New Concrete Must have pH level less than 10 and had a minimum 28 days to cure.  Must be etched using <b>Nu-EcoSafe Concrete Etch</b> As outlined in the relevant TDS.
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**Application:** **Brush or Roller:** 2 coats observing recoat times to a minimum wet film thickness  
**Trowel:** As required  
**Coving:** As required

**Drying Time:** **Note:** Drying times are based on ambient conditions @ 25°C and 60% relative humidity.

**Touch Dry:** **2 hours**

**Recoat:** **4 hours** but within 24 Hours  
**NOTE:** If recoating after 7 days, the surface must be abraded

**Hard Cure:** **7 Days**  
 Dry times may vary in cooler conditions or in high humidity

**Clean Up** Protecting Our Environment is important to Nutech Paints:  
 Clean up with **EPiC Epoxy500 Thinners** or dispose of equipment. 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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<b>First Aid</b>	<p><b>SEEK IMMEDIATE MEDICAL ATTENTION.</b> Refer to the appropriate <i>Nutech Safety Data Sheet</i> (SDS) for further information.</p> <p>For medical emergencies only, call: 000</p> <ul style="list-style-type: none"><li>• In case of eye contact, flush thoroughly with water for at least 15 minutes</li><li>• In case of skin contact, wash affected areas with soap and water</li><li>• Remove and wash contaminated clothing</li><li>• If inhalation causes physical discomfort, remove to fresh air</li><li>• If discomfort persists, or any breathing difficulty occurs or if swallowed, seek medical advice</li></ul>
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<b>Warranty:</b>	<p>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.</p> <p>Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.</p> <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>
<b>Limitation of Liability:</b>	

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**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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## Technical Data Sheet PART A & PART B

### EPiC Epoxy100 PART B

**Product Description** EPiC Epoxy100 Part B is to be blended in kit form with EPiC Epoxy100 Part A. For mixing ratio recommendations please refer to the EPiC Epoxy100 Part A Technical Data Sheet.

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**Provisions:** EPiC Epoxy100 Hardener may be irritating to the skin. Suitable safety precautions must be taken during handling and application.

**Chemical Type:** Epoxy Crosslinker

**Product Attributes** Per Cent Volatiles (VOC): 0%  
Solubility: Solvent  
Minimum Film Forming Temperature: 5°C

**Typical Applications** Crosslinker for **PART A only**

**Appearance** Clear viscous liquid

**Packaging** 250ml, 1 litre 15litre

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

**Shelf life** Stored 12 months @ 25°C

**Substrate**

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

**Note** N/A

**Mixing/** Part A: 3 Parts

**Thinning** Part B: 1 Part

After drill mixing leave to stand for 10 minutes before using to allow full activation.

**Maximum Thinner dilution:** REFER PART A TDS.

**DO NOT store mixed product in spray equipment to avoid damage.**

**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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<b>Limitation of Liability</b>	<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>
<b>Disclaimer</b>	<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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