



# Technical Data Sheet

## NuCourt Roll Coat

**Product Description** **NuCourt Roll Coat** is a water-based acrylic coating developed specifically for short nap roller application to asphalt and concrete sports surfaces. Used in conjunction with the **NuCourt** range of products as a complete finishing system, **NuCourt Roll Coat** will provide a long-lasting, resilient surface that is nonslip. **NuCourt Roll Coat** is manufactured in black, white and 6 industry standard colours. For large scale projects, custom tinting is available upon request.

**Nucourt Roll Coat Benefits:**

- low VOC
- Specifically designed for hard sports surfaces
- Developed for roller application
- UV stable and nonfading
- Can be line marked with **NuCourt Line Marking**
- Suitable for all weather conditions
- Excellent protection against bacteria and mould
- High build, smooth surface coating

**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:** NuCourt products cure very slowly, rain may affect the surface up to 5 days after application.

**Product Attributes** pH: 9.0  
Per Cent Volatiles: 0%  
Solubility: Water  
Minimum Film Forming Temperature: 12°C  
Minimum Dry Film Thickness (Per Coat): 200µm

**Typical Applications** Typical projects include:  
Exterior and interior sport surfaces, concrete or asphalt surfaces

**Appearance** Coloured viscous liquid

**Coverage / Spread Rates** 4.5 m<sup>2</sup>/L is recommended.  
Actual coverage rates may vary depending on the type of substrate, texture and porosity.

**Packaging** 4L & 15L

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

**Shelf Life** 24 months @ 25°C

**Substrate** Suitable for concrete and asphalt surfaces.

**Recommendations**



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<b>Note</b>	<ul style="list-style-type: none"><li>• DO NOT apply <b>NuCourt</b> products in hot weather above 30°C</li><li>• In cold weather DO NOT apply under 12°C</li></ul>
<b>Mixing/ Thinning</b> <b>Short Nap Roller:</b>	Thinning Not Required <ul style="list-style-type: none"><li>• <b><i>Mix product thoroughly prior application</i></b></li></ul>
<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 outlined in this TDS. <b><i>Improperly prepared surfaces may result in coating failure.</i></b>
<b>Application</b>	Short Nap Roller (recommended)
<b>Drying Time</b>	25°C and 50% relative humidity
<b>Touch Dry:</b>	4 hours
<b>Recoat:</b>	After 8 hours but within 24 hours <b>Note:</b> After applying the first coat allow to dry fully then inspect the surface and scrape off any excess lumps or irregularities before applying the second coat
<b>Total Dry</b>	7 Days

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### **NuCourt Roll Coat - Pre-Existing Finished Sports Surfaces:**

If the origin of the coating surface is unknown Nutech Paint strongly recommends determining the nature of the original finish.

Please refer to the **Nutech Coating Test Fact Sheet** for further information or contact your Nutech Paint Representative: 03 9770 3000

The existing acrylic surface must be stable with no signs of delamination. Remove all loose or damaged existing coating to expose a stable asphalt or concrete surface.

#### **Procedure:**

##### **Preparation:**

The surface must be clean and free of all lichen, moss, grease, oil, chewing gum, silicon and other foreign matter.

***Moss and Lichen Contamination:*** Use **Nutech Hypo** in accordance with the relevant TDS allowing the surface to thoroughly dry after preparation is complete.

***Grease & Oil:*** Use **Nu-EcoSafe Degreaser** in accordance with the relevant TDS.

High pressure water blast > 2500 PSI to remove any grease, oil, food or stains. Allow to thoroughly dry.

**Repair:** All non-structural cracking and any surface damage.

Nutech Paint recommends seeking professional advice regarding any structural or drainage issues prior to commencement of works.

Any ponding of water deeper than 20mm will require patch repairing.

Where the existing coating has been removed patch repair the surface using **NuCourt Fill Coat** in accordance with the relevant TDS

**Top Coat Pre - Existing Surfaces:** In accordance with the methods described in this TDS

**For Line Marking:** Refer to the **NuCourt Line Marking** TDS



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## **NuCourt Roll Coat - Asphalt Surfaces:**

New asphalt must be cured for a minimum of 28 days prior to coating.

The existing acrylic surface must be stable with no signs of delamination. Remove all loose or damaged existing coating to expose a stable asphalt surface.

### **Procedure**

#### **Preparation:**

The surface must be clean and free of all lichen, moss, grease, oil, chewing gum, silicon and other foreign matter.

**Moss and Lichen:** where applicable, use **Nutech Hypo** in accordance with the Nutech Hypo TDS allowing the surface to thoroughly dry after preparation is complete.

**Grease & Oil:** Where applicable, use **Nu-EcoSafe Degreaser** in accordance with the Nutech High Strength Degreaser TDS.

- High pressure water blast > 2500 PSI to remove any grease, oil, food or stains. Allow to thoroughly dry.

**Repair:** *Where applicable, all non-structural cracking and any surface damage:*

Nutech Paint recommends seeking professional advice regarding any structural or drainage issues prior to commencement of works.

- Any ponding of water deeper than 20mm will require patch repairing using **NuCourt Fill Coat** in accordance with the relevant TDS
- Patch the surface as required with **NuCourt Fill Coat** according to the TDS using a 70 Durometer Flexible Rubber Squeegee or two broom technique to obtain a smooth even level surface.
- Note: Some shrinkage of the filler may occur in thicker films. Ensure that all “bird baths” on the surface are filled to prevent water ponding.

**Top Coat Asphalt Surfaces:** In accordance with the methods described in this TDS

**For Line Marking:** Refer to the **NuCourt Line Marking** TDS



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## **NuCourt Roll Coat - New Concrete Surfaces:**

New concrete must be cured for a minimum of 28 days prior to coating.  
Any existing coating must be removed prior to surface preparation;

### **Procedure:**

The surface of the court must be clean and free of all grease, oil, chewing gum and other foreign matter. Where applicable, use **Nutech High Strength Degreaser** in accordance with the Nutech High Strength Degreaser TDS.

- Clean the surface with a high-pressure water cleaner > 2500PSI

New concrete must be appropriately etched prior to top coating;

- Apply **Nu-EcoSafe Etch** OR **Nu-EcoSafe Ultra Etch** in accordance with the relevant TDS. Rinse and allow to thoroughly dry
- Prior to top coating, a surface for porosity test is recommended;
  - Apply approx. 1 cup of water and observe absorption.
  - If water is not immediately absorbed, Re-apply **Nu-EcoSafe Etch** OR **Nu-EcoSafe Ultra Etch** as per TDS recommendations
- Rinse and allow to thoroughly dry
- *Where applicable, all non-structural cracking and any surface damage:*  
Nutech Paint recommends seeking professional advice regarding any structural or drainage issues prior to commencement of works.
- Any ponding of water deeper than 20mm will require patch repairing using **NuCourt Fill Coat** in accordance with the relevant TDS
- After preparation, allow the surface to thoroughly dry.
- Apply one saturation coat of **Nutech NuPrime** using rollers or airless spray application @ 4m<sup>2</sup>/L. DO NOT apply in very hot conditions or mist spray a light coat.
- It is mandatory to flood the surface with **Nutech NuPrime** during application.

### **Rough New Concrete Surfaces:**

If the concrete is new and level the filler may not be required

- Patch the surface as required with **NuCourt Fill Coat** according to the TDS using a 70 Durometer Flexible Rubber Squeegee or two broom technique to obtain a smooth even level surface.
- Note: Some shrinkage of the filler may occur in thicker films. Ensure that all “bird baths” on the surface are filled to prevent water ponding.

### **Smooth New Concrete Surfaces:**

- Filler may not be required

**Top Coat New Concrete Surfaces:** In accordance with the methods described in this TDS

**For Line Marking:** Refer to the **NuCourt Line Marking** TDS



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## NuCourt Roll Coat - APPLICATION METHODS

Apply via one of the following methods:

### Short Nap Roller (460mm recommended)

#### First Coat:

Apply 1 coat **NuCourt Roll Coat**

#### Method:

- Pour a windrow of **NuCourt Roll Coat** parallel to the court edge.
- Apply even downward pressure and avoid leaving thick film sections on either side of the applicator.
- Walking in the direction of the windrow, spread with the applicator to obtain an even cover then, reverse direction.
- Always maintain a wet edge
- Allow coat to dry.

After the coating is dry, inspect the surface and scrape or grind off any excess lumps or irregularities

**Second Coat:** Apply **NuCourt Roll Coat** in the above described method.

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### Clean Up

Protecting Our Environment is important to Nutech Paints:

Clean up with clean fresh 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.

Limitation

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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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