



## Hard Court Surface Coatings

### Description

**NuCourt Roll Coat, Top Coat and Squeegee Filler Coat** are a fine particle size, wet adhesion promoted 100% acrylic emulsion coating for concrete and asphalt tennis court and sports surfaces. NuCourt is manufactured in four popular colours but can be custom tinted in a wide range of colours.

### Typical Properties

Appearance:	Coloured viscous liquid
Total Solids Content:	70% - 77.5% (Nu-Court & Nu-Court Filler)
PH:	9.0
Per Cent Volatiles:	0% wet film
Specific Gravity:	1.6 - 1.75 (respectively)
Solubility In Water:	Soluble
Minimum Film Forming Temperature:	12 Deg.C. (Recommended > 20 Deg.C.)
Minimum Film Thickness (Per Coat):	200 microns dry film

### Typical Uses & Features

Typical projects include:	Typical Features include:
<ul style="list-style-type: none"><li>• Tennis Court Surfaces</li><li>• Sport Surfaces</li><li>• Concrete surfaces</li><li>• Asphalt Courts</li></ul>	<ul style="list-style-type: none"><li>• Exceptional durability with Non Slip coating.</li><li>• UV stable and nonfading.</li><li>• Specially designed for an active sports surface.</li><li>• Can be line marked with nonslip acrylic lines.</li><li>• Performs exceptional under hot and cold weather conditions provided correct surface preparation has been ensured.</li><li>• Excellent protection against Bacteria and Mould</li><li>• Special Primers and Fillers have been designed for these surfaces.</li><li>• High build coating and smooth surface for asphalt surfaces when used with Nu-Court filler</li></ul>

### Equipment & Tools:

70 Durometer Flexible Rubber Squeegee, Brooms

Application by squeegee or two brooming is suitable



## Nu Court Concrete Surface

1. New concrete must be cured for a minimum of 14 days under summer conditions before coating. Any existing coating must be removed before surface preparation as follows.
2. The surface of the court must be clean and free of all grease, oil, chewing gum and other foreign matter. Clean the surface with a high pressure water blaster > 2500 P.S.I. Remove any grease, oil, food or stains with a strong detergent, caustic cleaner or hot water pressure cleaner as required. Flush thoroughly with clean water. After the surface is dry test the surface for porosity. Apply droplets of water and observe. If the water droplets are not immediately and completely absorbed into the concrete the surface is not adequately clean. After degreasing apply a dilute hydrochloric acid solution (1 part acid to 15 parts clean water) by broom over the whole surface. Leave for several minutes and rinse thoroughly. On very smooth steel trowelled surfaces use a stronger acid solution (1 part acid to 10 parts water). Apply acid in areas of approximately 25-50 square metres.
3. Repair all non-structural cracking and any surface damage. Seek professional advice regarding any structural problems, particularly relating to any drainage problems. Any areas where ponding of water occurs deeper than the width of a twenty cent coin will require patching before coating.
4. Allow the surface to fully dry. Apply one saturation coat of Nu-Prime Sealer using rollers or airless spray application at 4 square metres per litre. Do not apply in very hot conditions or mist spray a light coat. It is very important to flood the surface with Nu-Prime during application.
5. If the concrete surface is very rough patch the surface as required with Nu-Court Filler Coat using a 70 Durometer Flexible Rubber Squeegee or two broom technique to obtain a smooth even level surface. Some shrinkage of the filler may occur in thicker films. If the concrete is new and level the filler may not be required. Ensure that all bird baths on the surface are filled to prevent water ponding.
6. On a smooth concrete surface you do not need to apply the Nu-Court Filler Coat.
7. Apply two coats of Nu-Court Rollcoat using a 460mm wide short nap roller to obtain a smooth even level surface. Pour a windrow of coating parallel to the court edge and spread with the roller to obtain an even cover. Do not use a roller tray. Maintain a wet leading edge at all times for the best finish. Work quickly and in cooler weather not in direct sunlight if possible to achieve this. You can add a maximum of 1.5 litres of clean water per 20 litres of Rollcoat to assist roll application. After adding water always stir thoroughly before applying.
8. 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. Do not over dilute.
9. Approximately 6 x 20 litres (120 litres) of Nu-Court Rollcoat is required for an average 540 square metre court per coat. If a two colour court is required 60 litres of each colour will be required per coat. Therefore to apply two coats on a 540 square metre court you will need a minimum of 12 x 20 litres (240 litres)
10. Always mix thoroughly before application. Do not apply Nu-Court products in very hot weather above 25°C or in cooler weather under 18°C. NuCourt products cure very slowly and rain may affect the surface up to 5 days after application.

### Line Marking Paint

To apply two coats of NuCourt Line Marking requires 4 litres per colour. For example, if a multi use court has basketball, netball and volley ball lines, 4 litres of white, yellow and red will be required. The two coats should be applied within one hour to enable easy removal of the masking tape. Between 6 and 8 rolls (50m) of masking tape will be required per set of lines. Remove masking tape immediately after applying the second coat to avoid sticking.



## NuCourt Asphalt Surface

1. The surface of the court must be clean and free of all grease, oil, chewing gum and other foreign matter. Clean the surface with a high pressure water blaster > 2500 P.S.I. Remove any grease, oil, food or stains with a strong detergent and flush thoroughly with water. Allow to fully dry. New asphalt must be allowed to cure for 28 days before coating.
2. Repair all non-structural cracking and any surface damage. Seek professional advice regarding any structural problems, particularly relating to any drainage problems. Any ponding of water deeper than the width of a twenty cent coin will require patching.
3. Apply one coat of Nu-Court Filler using a 70 Durometer Flexible Rubber Squeegee or two broom technique to obtain a smooth even level surface. It may be necessary to apply a second coat of filler subject to the surface conditions. Some shrinkage of the filler may occur in thicker films. Application rates will vary subject to the open or closed nature of the asphalt surface and the application technique. A coverage rate between 2 and 3.3 square metres per litre will be required per coat. Between 160 and 280 litres of filler are required for an average 540 square metre court.
4. Apply two coats of Nu-Court ProCoat using a 70 Durometer Flexible Rubber Squeegee or two broom technique to obtain a smooth even level surface. Pour a windrow of coating parallel to the court edge and spread with the applicator to obtain an even cover by walking in the direction of the windrow and then reversing direction. Do not overwork areas and always maintain a wet leading edge. After the coating is dry, inspect the surface and scrape or grind off any excess lumps or irregularities before applying additional coats. Apply an even downward pressure and avoid leaving thick film sections on either side of the applicator. If using a two broom method spread the coating with a stiff bristle broom and then follow up with a soft bristle to obtain a smooth and even finish. Broom application usually uses 10% more coating material than squeegee application, however on undulating surfaces squeegee application will not be suitable. A coverage rate between 3.4 square metres per litre is recommended. 160 litres of NuCourt Top Coat are required for an average 540 square metre court per coat. If a two colour court is required 80 litres of each colour will be required for each top coat.
5. When using the roll formula top coat system apply with a 460mm wide short nap roller. Pour a windrow of coating parallel to the court edge and spread with the roller to obtain an even cover. Always maintain a wet edge. Approximately 120 litres of NuCourt Roll Coat are required for an average 540 square metre court per coat. If a two colour court is required 60 litres of each colour will be required for each top coat.
6. In very warm weather up to 1.5 litres of cold clean water may be added per 20 litres of NuCourt Filler, ProCoat or Roll Coat to slow the rate of drying. Mix thoroughly before application. Do not apply NuCourt products in very hot weather above 35°C. In cold weather under 18°C. NuCourt products cure very slowly and rain may affect the surface up to 5 days after application. Avoid application under 15°C.
7. To apply two coats of NuCourt Line Marking requires 4 litres per colour. For example, if a multi use court has basketball, netball and volley ball lines 4 litres of white, yellow and red will be required. The two coats should be applied within one hour to enable easy removal of the masking tape. Between 6 and 8 rolls (50m) of masking tape will be required per set of lines. Remove masking tape immediately after applying the second coat.



## Recoating NuCourt

1. 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.
2. The surface must be clean and free of all grease, oil, chewing gum, silicon and other foreign matter. Clean the surface with a high pressure water blaster > 2500 P.S.I. Remove any grease, oil, food or stains with a strong detergent and flush thoroughly with water. Allow to fully dry.
3. Repair all non-structural cracking and any surface damage. Seek professional advice regarding any structural problems, particularly relating to any drainage problems. Any ponding of water deeper than the width of a twenty cent coin will require patching. Where the existing coating has been removed patch the surface using NuCourt Filler Coat. Several coats may be required to achieve a level surface.
4. Apply two coats of Nu-Court ProCoat using a 70 Durometer Flexible Rubber Squeegee or two broom technique to obtain a smooth even level surface. Pour a windrow of coating parallel to the court edge and spread with the applicator to obtain an even cover by walking in the direction of the windrow and then reversing direction. Do not overwork areas and always maintain a wet leading edge. After the coating is dry, inspect the surface and scrape or grind off any excess lumps or irregularities before applying additional coats. Apply an even downward pressure and avoid leaving thick film sections on either side of the applicator. If using a two broom method spread the coating with a stiff bristle broom and then follow up with a soft bristle to obtain a smooth and even finish. Broom application usually uses 10% more coating material than squeegee application, however on undulating surfaces squeegee application will not be suitable. A coverage rate between 3.4 square metres per litre is recommended. 160 litres of NuCourt Top Coat are required for an average 540 square metre court per coat. If a two colour court is required 80 litres of each colour will be required for each top coat.
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7. To apply two coats of NuCourt Line Marking requires 4 litres per colour. For example, if a multi use court has basketball, netball and volley ball lines 4 litres of white, yellow and red will be required. The two coats should be applied within one hour to enable easy removal of the masking tape. Between 6 and 8 rolls (50m) of masking tape will be required per set of lines. Remove masking tape immediately after applying the second coat.

### Safety Precautions

Refer to Nutech Material Safety Data Sheet for additional safety and user information.

**Consult your Nutech supplier for additional advice or Contact a Nutech Technician at Head Office on 97703000.**

# Nutech NuCourt Range®

Nutech Paint  
Application Instructions & Guidelines  
Nutech NuCourt Range



## **DISCLAIMER: Warranty and Limitation of liability:**

### **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 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.

### **Important Note:**

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.