

# Nutech EPiC Range®

Nutech Paint  
Data Sheet  
Nutech EPiC Range of Products



## Epic 2 Pack Polycryl

### Description

Nutech Polycryl is a two pack cross linking oil modified Acrylic coating with proven durability and performance. This Non-Isocyanate coating provides excellent hardness and colour retention, recommended for a variety of surfaces including Primed Metal surfaces and as a clear or coloured protective coating over Timber Floors, Masonry and concrete surfaces.

### Typical Properties

|                                    |                                 |
|------------------------------------|---------------------------------|
| Appearance                         | White, clear and colour liquid. |
| Volume solids                      | 40%                             |
| Per Cent Volatiles                 | 60%                             |
| Specific Gravity                   | 1.1                             |
| Solubility in Water                | Nil                             |
| Minimum Film Forming Temperature   | 10 deg. C.                      |
| Minimum Dry Film Forming Thickness | 60 Microns per coat             |

### Features

Nutech Polycryl has excellent exterior durability and high resistance to most solvents and petrol once fully cured. It has excellent corrosive and abrasive properties when cured.

Nutech Polycryl is an Isocyanate free coating and is safer for use compared to Polycryl that contains Isocyanate.

### Suitable Substrates

Concrete, Stainless Steel, Blasted Steel, Mild Steel, Aluminium, Galvanised Iron, Bare Timber and Masonry surfaces.

### Surface Preparation

All surfaces must be free from rust, Oil, Grease, and all other surface contamination. New concrete must have a PH level less than 10 and had at least 28 days to cure. New and old Concrete should be Acid Etch using 1 Part Hydrochloric Acid to 10 Parts Water. Rinse with clean water and allow to completely dry. Painted concrete in poor condition should be Sand Blasted or Stripped Clean and Acid Etched before application.

### Mixing Ratio

3 Parts A to 1 Part B. Leave to stand 20 mins before use. Stir Thoroughly.

### Pot Life

3 hours @ 25°C

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## Application

Brush, Roller, Spray.

## Equipment Type

High Quality Solvent resistant Fibre brush and a good quality Solvent resistant roller sleeve.

Spray application will depend on the type of finish required.

## NOTE:

For spraying pressures and tip sizes, Applicators should source this relevant information from their spray gun suppliers.

## Thinning

Brush, Roller

Nil

Spray

10% - 15%

Bare concrete and masonry surfaces thin 20% - 25% for first coat application for penetration and adhesion with Nutech PR Solvent.

## Number of Coats

Brush, Roller

2 Coat

Spray

2 – 3 coats or minimum of 130 microns wet film thickness.

## Dry and Re-coat Times

Touch Dry

40mins @ 25°C

Re-coat

Must be re-coated within 12 Hours

Hard Cure

7 days

## Clean Up

Nutech PR Solvent or Gun Wash

## Coverage

8 - 10 Sq Metres per litre depending on surface porosity

## All Other Information

### Surface Temperatures

Above 10°C and below 30°C

### Safety Precautions

Wear suitable Protective Clothing, Gloves and a recommended Respirator for Spray application. Make sure there is good Air Flow and Ventilation before applying this coating.

Read the part A and Part B product labeling and Material Safety Data Sheet before use.

Mixed material has hazards of each component. Safety precautions must be strictly followed during storage, handling and use.

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## **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.