

# Nutech Concrete Range

Nutech Paint  
Application Instructions & Guidelines  
Nutech Concrete Range of Products



## Anti-Slip Additive

Nutech Anti-Slip Additive for Clear and Coloured Concrete Coatings. Nutech Anti-Slip Additive is suitable for PaveCoat®, Petrol Resistant PaveCoat®, PaveCoat H2O, Epic Industrial Enamel, Epic Epoxy 500, Epic Polycryl, Aquafloor, Aqua Epoxy and Nuslate Slate Sealer. Nutech Anti-Slip Additive provides excellent slip resistance under both wet and dry conditions. Nutech Anti-Slip Additive is manufactured from a synthetic Crystalline Thermoplastic Polymer which has extremely high tensile and flexural strengths which are maintained after repeated flexing so therefore the surface of the sealer is less abrasive reducing personal injury risk due to falls.

### Features

Sealed concrete surfaces become slippery, particularly when wet, making conditions less safe for pedestrians and vehicles including bicycles, cars and fork lifts. The product increases the friction coefficient of the surface reducing slip potential.

- Substantially improves safety of sealed surfaces in wet and dry conditions
- Undetectable appearance in Nutech clear and coloured sealers
- Simple mixing to achieve a uniform distribution.
- Chemically inert and non-hazardous
- Resistant to UV light, mild acids and alkali, stains, salts and dirt
- Flexible and scuff resistant - reduced sheening in high wear areas
- Crystalline particle shape to maximise efficiency
- Less abrasive surface to reduce personal injury due to falls
- Non-yellowing and resistant to moisture
- Unique distribution to maximise efficiency
- Unlimited shelf life if stored at temperature below 150°C.
- The additive is resistant to fungi and bacteria attack.
- Nutech Antislip Additive has a minimum recommendation of 300/400 grams (1 packet) per 20 litres of sealer and up to a maximum ratio of 900 grams (3pkts) per 20Ltrs of sealer.

**Packaging** Bag – 300 gms / Tub – 400 gms

# Nutech Concrete Range

Nutech Paint  
Application Instructions & Guidelines  
Nutech Concrete Range of Products



## Anti-Slip Additive

### Typical Properties

<b>Appearance:</b>	Fine white powder
<b>Maximum Particle Size:</b>	840 um (20 mesh)
<b>Solubility In Water:</b>	Nil
<b>Softening point (°C.):</b>	166-168
<b>Minimum Sealer Dry Film Thickness:</b>	100 microns (2 coats)
<b>Recommended Application Rate:</b>	1 to 3 bags per 20L (300g to 900g) 1 to 2 tubs per 20L (400g to 800g)

### Typical Uses

#### Typical projects include:

- The anti-slip surface is particularly useful around 'wet areas'.
- Pools
- Factory loading docks.
- Access ramps (with less than 15 degrees incline)
- Stairs
- Entrance foyers
- Public pedestrian and vehicle areas.

### Applications & Features

**Equipment & Tools:** Paint Stirrer

**Test Patch:** It is highly recommended that applicators test any Nutech Anti-Slip system first as varying surface profiles, slopes and access conditions vary significantly with individual conditions. These variants impact heavily on pedestrian and vehicle safety.

# Nutech Concrete Range

Nutech Paint  
Application Instructions & Guidelines  
Nutech Concrete Range of Products



## Anti-Slip Additive

**Preparation:** Apply first coat and let dry.  
Stir Anti-Slip Additive thoroughly into the product to be used for top coat.

**Coverage:** Up to three packets of Anti-Slip Additive are recommended for steeper gradients which may become wet or where additional surface friction is required.

### Application Guidelines

#### Application Procedure:

- The Anti-Slip Additive is only required in the topcoat of the sealer.
- The mixing ratio recommended to achieve optimum performance is a minimum of 300/400 grams (1 pkt/tub) per twenty litres of sealer, up to a maximum of 800/900 grams (2 tubs or 3 pkts).
- Increasing this quantity in the topcoat will increase the surface friction, however the white powder may become visible if too much is added.
- Stir the sealer slowly adding the Anti-Slip Additive.
- Stir thoroughly to ensure no lumps and a uniform distribution.
- After five minutes the white powder will be almost invisible in the sealer.

#### SAFETY PRECAUTIONS:

Sealing very steep concrete surfaces is not recommended. Very steep sealed concrete surfaces can be very slippery when wet or dry, even if the sealer contains the Anti-Slip Additive. For a surface with a steep incline use Nutech Polycryl with Nutech Coarse Anti-Slip. Refer Nutech Polycryl and Coarse Anti-Slip guidelines for further instructions.

Nutech Anti-Slip Additive may be used in higher solids coatings however this may be less effective therefore a higher ratio will be required or use Nutech Coarse Anti-Slip.

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

# Nutech Concrete Range

Nutech Paint  
Application Instructions & Guidelines  
Nutech Concrete Range of Products



## **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.