

# Technical Data Sheet

## AntiSlip Cast On – Fine and Coarse Grades

**Description:** **AntiSlip Cast On** is a quartz based anti-slip cast on additive exhibiting high tensile strength. **AntiSlip Cast On** significantly increases the friction coefficient of a 2 pack coated surface, reducing slip potential under both wet and dry conditions. Developed to be hand broadcast onto the surface of Nutech Paint 2 pack floor coating systems such as; **EPiC Epoxy 500, EPiC PolyCryl, EPiC AquaFloor, EPiC AquaEpoxy.**

**AntiSlip Cast On** when applied in the correct methods, will achieve a Pendulum Classification of P4 (Fine Grade) or P5 (Coarse Grade) and meets AS4586 & AS4663.

Please refer to the Nutech Paint [ANTISLIP SKID TEST Fact Sheet](#) for further details.

- Features:**
- Available in 2 granular sizes: **Fine & Coarse**
  - Substantially improves safety of sealed surfaces in wet and dry conditions
  - Chemically inert and non-hazardous
  - Resistant to UV light, mild acids and alkali, stains, salts and dirt

**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/>

**Provisions:** **AntiSlip Cast On** IS NOT suitable for use in single pack coatings such as Pavecoat. **AntiSlip Cast On** can achieve up to an R12 or P5 slip rating. AntiSlip IS NOT to be used in AquaStop or Silicon Sealer

**Note: The appearance of clouding in clear sealers and coatings is to be expected due to the composition and nature of Anti-Clip Cast On. Nutech Paint recommends a test patch is undertaken, reviewed and approved prior to commencement of the project.**

**Chemical Type:** Crystalline Thermoplastic Polymer  
**Product Attributes:** Solubility in Water: Not Applicable  
Solubility in Solvent: Not Applicable

- Typical Applications:**
- External ramps steeper than 1:14
  - Loading docks
  - Commercial kitchens
  - Swimming pool ramps and stairs.

**Appearance:** Off White to Light Brown Crystals  
**Coverage / Spread Rate:** 1kg / 2-5 square metres cast onto the surface of the first wet coat.  
**Packaging:** 7kg (4lt Pail) 25kg – Pail

**Storage:** Cool, dry location. Avoid contact with extreme heat.  
**Shelf life:** Unlimited storage when not exposed to moisture or extreme heat.

**Recommended Substrates:** All painted 2 pack surfaces that require a non-slip textured finish.  
**NOTE:** MUST BE TOP COATED to lock AntiSlip Cast On into coating.

**Mixing/ Thinning:** N/A. To be Broadcast onto Nutech 2 Pack products

**Test Patch:** Nutech Paint recommends that applicators test any AntiSlip system first as varying surface profiles, slopes and access conditions vary significantly with individual conditions. These variants impact heavily on pedestrian and vehicle safety.

**Substrate note:** Refer to specific Nutech Paint product TDS for specific application guidelines

**Application:** Evenly hand broadcast onto surface of the first wet coat.

**Procedure:** **Preparation:**  
Identify all areas to have non slip material applied. Prepare surface to be coated with the required Nutech 2 pack system, in accordance with the relevant TDS observing all preparation pretreatments and dry times.

**Mix:**  
Pre-mix the required Nutech 2 pack system in accordance with the relevant TDS

- Application:**
- Apply the first coat of the required Nutech 2 pack system in accordance with the relevant TDS.
  - While the first coat is still wet, broadcast the **AntiSlip Cast On** in 1m square sections at a time, ensuring consistent and even distribution. Allow coating to cure.
  - Once the first coat is dry prior top coating, lose or excess **AntiSlip Cast On** can be removed either by brush and/or vacuum.
  - Apply the Nutech 2 pack system top coat in accordance with the relevant TDS to “lock in” the **AntiSlip Cast On** and allow to fully cure.

Note: When using the coarse grade **AntiSlip Cast On**, an increased application rate of the top coat will be required due to an increase of the surface area.

**Classification:** AS 4586, slip resistance classification of new pedestrian surface materials.  
AS 4663, slip resistance measurement of existing pedestrian surfaces

AntiSlip Addition	Nutech Product	Rating
<b>AntiSlip Cast On – Fine</b> Applied at 2-5m <sup>2</sup> / 1kg cast onto wet surface. Must be top coated to encapsulate Anti-Slip.	<b>EPiC Epoxy 500, Epic PolyCryl, AquaFloor and AquaEpoxy.</b>	<b>Wet P4</b>
<b>AntiSlip Cast On - Coarse</b> Applied at 2-5m <sup>2</sup> / 1kg cast onto wet surface. Must be top coated to encapsulate AntiSlip.	<b>EPiC Epoxy 500, Epic PolyCryl, AquaFloor and AquaEpoxy.</b>	<b>Wet P5</b>

**Drying Time:** Refer to specific Nutech 2 pack system TDS for product drying times

**Recoat:** **AntiSlip Cast On** is to be added to the wet first coat only.  
Refer to specific Nutech 2 pack system TDS for recoat times

**Clean Up:** Refer to specific Nutech 2 pack system TDS for clean-up recommendations

**First Aid:** **SEEK IMMEDIATE MEDICAL ATTENTION.** Refer to the appropriate *Nutech Material Safety Data Sheet* (MSDS) 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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<b>Warranty</b>	<p>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.</p> <p>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.</p> <p>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.</p>
<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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