



Technical Data Sheet

AntiSlip Cast On – Fine and Coarse Grades

Product 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**
www.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
Not Suitable for Clear Coatings

Chemical Type: Crystalline Thermoplastic Polymer

Product Attributes: Solubility in Water: Nil
Solubility in Solvent: Nil
Softening point: 166-168°C.

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

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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For a perfect finish!

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Limitation of Liability	<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>
Disclaimer	<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>

Nutech

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