

# Technical Data Sheet

## PaveCoat H<sub>2</sub>O

**Description:** **PaveCoat H<sub>2</sub>O** is a high performance, water based, acrylic penetrating sealer recommended for a wide variety of functional, decorative and protective concrete, asphalt and exposed aggregate applications. **PaveCoat H<sub>2</sub>O** seals, colours and protects concrete to provide a durable surface, ideal for pedestrian and light vehicle traffic, making it an economical, environmentally friendly and long-lasting choice. **PaveCoat H<sub>2</sub>O** provides an attractive finish for new and old concrete and comes in gloss as standard.

**Features:**

- Water based, low VOC
- Available in clear and 46 standard colours
- Can be custom colour matched upon request
- Highly durable
- Excellent UV resistance
- Resistant to fading
- Non-yellowing
- Resistant to oil and grease

**Safety** Observe all Occupation Health and Safety (OH&S) precautions.  
**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:** **PaveCoat H<sub>2</sub>O** IS NOT suitable to recoat over any existing coatings other than recoating **PaveCoat H<sub>2</sub>O** finishes.

**Anti-Slip properties:** Without the addition of an anti-slip additive, **PaveCoat** may not be suitable for steep, smooth surfaces or areas of high trafficability.  
 The addition of a **Nutech AntiSlip Mix In** product is recommended which will meet the performance criteria outlined in AS 4586 and AS 4663 Wet P2 or Wet P3 Pendulum rating, depending on the grade and addition level. Refer to the PaveCoat Application Guide for further information.

**Note:** For steep inclines and gradients greater than 1 in 14, a P5 or R12 rating will be required. Nutech Paint recommends **EPIC PolyCryl** (Exterior & Interior) OR **EPIC Epoxy 500** (Interior only) with the addition of the suitable **AntiSlip Cast On** products for this application. For further information; contact Nutech Paint.

**Chemical Type:** Water based exterior durable acrylic hybrid

**Product Attributes:** pH: 9.0  
 Percent VOC: <6%  
 Total VOC: 63.6 g/Litre  
 Solubility: In water  
 Minimum film forming temperature: 15°C  
 Minimum Sealer Dry Film Thickness: 180µm

**Appearance:** Milky or coloured viscous liquid

**Coverage / Spread Rate:** **4m<sup>2</sup>/L**  
 Note: Coverage will depend on the porosity and roughness of the surface.  
 To maximise performance do not over spread.

**Packaging:** 1L, 4L,10L, and 20L Clear and Colours.  
 0.95L, 3.8L, 9.5L and 18L bases for tinting.

**Storage :** Cool, dry location. Avoid contact with direct sunlight and heat

**Shelf life:** Stored 12 months @ 25°C

**Recommended Substrates:** All types of concrete, footpaths, paving, driveways, tilt slab construction, asbestos and cement sheeting, slate flooring, concrete roof tiles, pattern paving, stamped and slate Impression paving, stencil paving and spray paving.

<b>Test Patch:</b>	As surface profiles can vary depending on application where practical, conduct a small test patch in an inconspicuous area to ensure adequate product performance, substrate porosity and provide an indication of the time required to complete project.
<b>Substrate note:</b>	<b>PaveCoat H<sub>2</sub>O</b> is recommended for <u>NEW</u> or OLD <u>UN-COATED</u> concrete surfaces only. <b>Powdery or Soft Concrete:</b> DO NOT Etch or Acid Wash as this may damage the surface.
<b>Application:</b>	Brush, Roller
<b>Notes General:</b>	<ul style="list-style-type: none"> <li>• <b><u>Allow a minimum 28 days for new concrete to cure prior to sealing</u></b></li> <li>• For same day sealing, refer <b>PaveCoat Cure &amp; Seal</b></li> </ul>
<b>Substrate:</b>	<ul style="list-style-type: none"> <li>• <b>Powdery or soft Concrete:</b> <u>DO NOT etch</u> as this may damage the surface</li> <li>• <b>Old, Heavily Soiled/ Stained Surfaces:</b> Pre-treat the surface with <b>Nu-EcoSafe Degreaser</b></li> </ul>
<b>Safety:</b>	<ul style="list-style-type: none"> <li>• For anti-slip properties that meet AS4586 &amp; AS4663 - P2 or P3 ratings Nutech Paint recommends <b>AntiSlip Mix In</b>. Ideally suited for wet areas, pools, factory loading docks, access ramps (with less than a 5° incline), stairs, entrance foyers, public pedestrian and vehicle areas.</li> <li>• For further information regarding anti-slip suitability, mix ratios and standards compliance please refer to the <b>AntiSlip Mix In</b> TDS or <b>Pavecoat Application Guide</b></li> </ul> <p><b>Note:</b> For steep inclines and gradients greater than 1 in 14, a P5 or R12 rating will be required. Nutech Paint recommends <b>EPiC PolyCryl</b> (Exterior &amp; Interior) OR <b>EPiC Epoxy 500</b> (Interior only) with the addition of the suitable <b>AntiSlip Cast On</b> products for this application. For further information; contact Nutech Paint.</p>
<b>Mixing/ Thinning:</b>	<p><b>NOTE:</b> It is important to ensure good penetration into the concrete on first coat application.</p> <p>Dilute: Clean Fresh water</p> <p>Dilute first coat only in accordance with surface profile – Refer <a href="#">Pavecoat H2O Application Guidelines</a></p> <ul style="list-style-type: none"> <li>• Hardened, Topping Coloured or Smooth Steel Trowelled Concrete: Thin by 50%</li> <li>• Rough Stipple Finish Concrete: Thin by 20%</li> </ul>
<b>Preparation:</b>	For full substrate preparation, including <b>Nu-EcoSafe Etch</b> and <b>Nu-EcoSafe Ultra Etch</b> mix ratio recommendations, refer to the hyperlink highlighted below
<b>Equipment:</b>	Roller or Brush
<b>Conditions:</b>	<p><b>10°C to 30°C</b> ambient, dry conditions.</p> <p>Do not apply if; Rain is likely within 12 hours; it is late in the day or early in the morning. Failure to observe these directions can result in coating damage and surface clouding.</p> <ul style="list-style-type: none"> <li>• Thin in accordance with surface profile</li> <li>• Apply 2 even coats observing recoat and drying times</li> </ul>
<b>Application:</b>	For detailed preparation and application instructions, refer to the <a href="#">Pavecoat H2O Application Guidelines</a> available on the Nutech Paint website.
<b>Drying Time Touch Dry:</b>	<b>30 minutes @25°C</b> ambient conditions
<b>Recoat:</b>	<b>2 hours @25°C</b> ambient conditions*
<b>Hard Cure:</b>	<p><b>7 days</b></p> <p><b>DO NOT park vehicles on newly applied PaveCoat for at least 7 days</b></p> <p>*Drying times will be extended in cooler temperatures or higher humidity.</p>

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**Clean Up:** Protecting Our Environment is important to Nutech Paints:  
Clean up with warm fresh water or dispose of equipment. Do not pour left over paint down drains or in rubbish bins. Unwanted paint should be kept in a sealed container and then disposed of via special waste collection services.  
Empty paint containers should be left open in a well ventilated area to dry out. Dispose of empty paint containers in accordance with local authority guidelines. Always check with your local council first.

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**First Aid:** **SEEK IMMEDIATE MEDICAL ATTENTION.** Refer to the appropriate **Nutech Safety Data Sheet (SDS)** 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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**Warranty:** Nutech Paint 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 non-conforming products. Any claim under this Warranty must be made by Buyer to Nutech Paint in writing within five days (5) 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 Paint of such non-conformance as required herein shall bar Buyer from recovery under this Warranty. Nutech Paint 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 Paint be liable for consequential or incidental damages.

Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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**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.

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**Disclaimer:** The information provided in 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 Nutech Paint. As this information is of a general nature, we cannot assume any responsibility in individual cases.

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.

Any recommendation or suggestion relating to the use of the products made by Nutech Paint, 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.

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