

# Technical Data Sheet

## Accopol 847

<b>Description:</b>	<b>Accopol 847</b> is a high-performance single pack copolymer acrylic based coating designed for a range of substrates such as concrete, masonry, cement roof tiles and metal substrates. It provides exceptional exterior weatherability in all climates and locations. For metal substrates that are free of corrosion, <b>Accopol 847</b> can be applied direct to metal.
<b>Features:</b>	<ul style="list-style-type: none"> <li>• Excellent exterior durability performance</li> <li>• Excellent weather proofing properties</li> <li>• Excellent protection against film spoilage bacteria</li> <li>• Excellent gloss and flow</li> <li>• Available in a Clear Sealer and a Standard Range of 46 colours</li> <li>• Custom colour formulation available upon request</li> </ul>
<b>Safety Precautions:</b>	<p>Observe all Occupation Health and Safety (OH&amp;S) precautions. Refer to the relevant Safety Data Sheets (SDS) for product safety related information. For further information and support: <b>Nutech Paint 03 9770 3000</b> <a href="https://nutechpaint.com.au/">https://nutechpaint.com.au/</a></p> <p><b>KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION</b></p> <ul style="list-style-type: none"> <li>• Always keep container closed when not in use</li> <li>• Vapours are heavier than air</li> <li>• Use only with adequate ventilation and avoid breathing vapours</li> <li>• Avoid contact with eyes, skin and clothing</li> <li>• Wash thoroughly after handling</li> <li>• DO NOT take internally</li> <li>• Use impervious gloves and eye protection</li> </ul> <p>If the product is being used for extended periods of time and/or in poorly ventilated areas, use approved respiratory protection in accordance with applicable Federal, state and local regulations.</p>
<b>Provisions:</b>	<b><i>Do not apply to surface temperatures below 10°C or Above 30°C and allow for adequate drying time. In cold weather do not overcoat until the first coat is fully dried.</i></b>
<b>Chemical Type:</b>	Solvent based copolymer
<b>Product Attributes:</b>	<p>Per Cent Volatiles (VOC): 70%</p> <p>Solubility: Solvent</p> <p>Minimum Film Forming Temperature: 10°C</p> <p>Minimum Wet Film Thickness: 130µm</p>
<b>Typical Applications:</b>	Domestic & Multi Density Residential, Industrial and Commercial uses where excellent exterior durability is required.
<b>Appearance:</b>	Clear or coloured viscous liquid
<b>Coverage / Spread Rate</b>	4m <sup>2</sup> /L (2 coats)
<b>Packaging</b>	1L, 4L, 10L, 20L, 200L
<b>Storage</b>	Cool, dry location. Avoid contact with direct sunlight and heat
<b>Shelf Life</b>	24 months @ 25°C
<b>Recommended Substrates:</b>	Cement roof tiles, concrete, masonry and all metal substrates

<b>Mixing/ Thinning</b>	<b>Prior to Commencement:</b> Stir thoroughly prior to use. Thin with <b>PaveCoat Thinners</b>		
<b>Test Patch</b>	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>Application</b>	Brush, Roller or Airless Spray		
<b>Substrate Preparation:</b>	All surfaces should be cleaned accordance with AS2311 in order to remove all contaminants. Remove oil and grease with <b>Nu-EcoSafe Degreaser</b> observing the details outlined in the relevant TDS. <ul style="list-style-type: none"> <li>• <b>Pre-painted surfaces:</b> should be tested for compatibility and adhesion prior to over coating.</li> </ul> <b>Clean Rust free Metal properly prepared:</b> Primer not required		
<b>Rusted and weathered steel:</b>	<b>Cement Roof Tiles:</b>	<b>New Bare Concrete surfaces:</b>	<b>Painted Concrete in poor condition:</b>
Loose scale and debris must be removed by wire brush or mechanical means. Affected areas must be treated with <b>Nu-EcoSafe Rust</b> , rust converter and inhibitor prior applying <b>EPiC Etch Primer</b> .  Refer to the relevant TDS for specific recommendations	All traces of moss, mould and lichen must be removed prior to application. <b>Nutech Hypo</b> is an ideal, fast working treatment.  Refer to the relevant TDS for application and dilution recommendations.  High pressure water clean (minimum 3000psi) and allow to dry thoroughly prior to application.  Repair/ replace any pointing, flashings and gutters as required.	<b>Preparation:</b> Must have a <b>pH level less than 10 and had a minimum 28 days to cure prior to coating</b> .  Assess the Surface for porosity prior to Acid Etching. NOTE: If the Bare surface has been abraded, etching is not required.  Etch using <b>Nu-EcoSafe Etch</b> and dilute in accordance with surface profile and apply.  Refer to the relevant TDS for further recommendations	This surface should be stripped using Nu-Ecosafe range of paint strippers and <b>Nu-EcoSafe Etch</b> prior to application.  Refer to the relevant TDS for further recommendations  <b>Painted Concrete in good Condition:</b> Prior to commencement of works, the existing coating should be tested for intercoat compatibility.  Refer to the relevant TDS for further recommendations
<b>Procedure:</b>	Brush or Roller: Apply 2 coats observing the recommended recoat and dry times outlined in this TDS to a minimum wet film thickness of 130µm.  Spray: Apply 2 – 3 coats to a minimum wet film thickness of 130µm.		
<b>Drying Time:</b>	Conditions based on 25°C and RH 60% ambient conditions. In cooler conditions or high humidity, cure conditions will vary.		
<b>Touch Dry:</b>	30 minutes		
<b>Recoat:</b>	1 hour (minimum)		
<b>Hard Cure:</b>	7 days		
<b>Clean Up</b>	Protecting Our Environment is important to Nutech Paints: Clean up with <b>PaveCoat Thinners</b> or dispose of equipment. Do not pour leftover paint down drains or in rubbish bins. Unwanted paint should be kept in a sealed container and then disposed of via specialised 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's guidelines. Always check with your local council first.		
<b>First Aid</b>	<b>SEEK IMMEDIATE MEDICAL ATTENTION.</b> Refer to the appropriate <b>Nutech Safety Data Sheet</b> (SDS) for further information. For medical emergencies only, call: 000 <ul style="list-style-type: none"> <li>• In case of eye contact, flush thoroughly with water for at least 15 minutes</li> <li>• In case of skin contact, wash affected areas with soap and water</li> <li>• Remove and wash contaminated clothing</li> <li>• If inhalation causes physical discomfort, remove to fresh air</li> <li>• If discomfort persists, or any breathing difficulty occurs or if swallowed, seek medical advice</li> </ul>		

**NuTech Paint Pty Ltd**  
T +61 3 9770 3000  
4 Kepler Circuit  
Seaford VIC 3198  
[nutech.com.au](http://nutech.com.au)



---

<b>Warranty:</b>	<p>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.</p> <p>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.</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 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.</p> <p>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> <p>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.</p>

---