

# Technical Data Sheet

## Master Sealer

<b>Description</b>	<b>Master Sealer</b> is a water-based, adhesion promoting acrylic primer and sealer designed for very porous roof tiles and masonry surfaces. Surfaces primed with Master Sealer and top coated with a the Nutech roof coatings perform exceptionally we in all weather conditions.
<b>Features:</b>	<ul style="list-style-type: none"> <li>• Excellent build</li> <li>• Excellent surface adhesion</li> <li>• Improves hardness and flexibility</li> <li>• Weatherproofing performance</li> </ul>
<b>Safety Precautions:</b>	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: <b>Nutech Paint 03 9770 3000</b> <a href="https://nutechpaint.com.au/">https://nutechpaint.com.au/</a>
<b>Provisions:</b>	<p><b>Conditions Prior to Painting:</b> CONSIDERATION must be given to climatic conditions such as rain, wind and relative humidity. ONLY apply between 10°C and 30°C ambient air temperatures DO NOT overcoat until <b>Master Sealer</b> coat is completely dry AVOID painting in extreme temperatures Failure to observe these provisions may affect coating adhesion DO NOT Apply to extremely hot surfaces <b>Failure to observe these provisions may affect coating adhesion</b></p> <p><b>DRINKING WATER COLLECTION</b> Always disconnect water tanks before cleaning and coating. Thoroughly flush gutters and allow several good rains to remove all overspray before reconnecting tanks.</p> <p><b>Master Sealer IS NOT recommended for terracotta roof tiles or oxidised, powdery tile surfaces.(Refer Terracotta Primer, NuPrime and SupaPrime respectively).</b></p>
<b>Chemical Type:</b>	Water based acrylic emulsion
<b>Product Attributes:</b>	PH: 8.5 - 9.0 Total VOC (Material): 35 g/litre Solubility: Soluble in Water Minimum Film Forming Temperature: 12°C. Minimum Dry Film Thickness: 95µm
<b>Typical Applications:</b>	Typical projects include: Domestic & Multi Density Residential, Industrial and Commercial roofs. Designed as a sealer primer undercoat for Nutech Paint roof coating top coat systems.
<b>Appearance:</b>	Opaque white viscous liquid
<b>Coverage / Spread Rate:</b>	<b>4m<sup>2</sup>/L</b> per coat Note: Coverage will depend on the porosity and roughness of the surface. To maximise performance do not over spread.
<b>Packaging :</b>	4L, 15L, 200L, 1000L
<b>Storage:</b>	Cool, dry location. Avoid contact with direct sunlight and heat.
<b>Shelf life:</b>	Stored 24 months @ 25°C
<b>Substrates:</b>	<b>Master Sealer</b> is a high-quality primer undercoat designed for stable roof tile surfaces, concrete and masonry.

<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 amount of product required to complete the project.
<b>Mixing/ Thinning:</b>	<b>Prior to Commencement:</b> Stir thoroughly prior to use. <b>Dilution: Not recommended or required</b>
<b>Application:</b>	Airless Spray (Recommended): Spray tip size 523-525 Brush, Roller
<b>Preparation:</b>	All surfaces must be clean from moss and lichen. Refer to <b>Nutech Hypo</b> OR <b>Nutech MossRid</b> . High pressure clean using a minimum of 3000psi Allow surface to dry thoroughly <b><i>Improperly prepared surfaces may result in coating failure</i></b>
<b>Application Procedure:</b>	<p><b>Prior to coating:</b></p> <ul style="list-style-type: none"> <li>• In cold weather, new tile pointing must be adequately cured</li> <li>• Weather conditions must be favourable as rain, moisture or dew may cause damage</li> <li>• Do not apply in extreme weather.</li> </ul> <p>It is recommended that <b>Master Sealer</b> is applied by trained professionals</p> <p><b>Apply:</b> 1 even coat of <b>Master Sealer</b> observing dry times and application spread rates, apply ensure even consistent fan pattern correctly overlaps.</p>
<b>Drying Time:</b>	Ambient conditions 25°C @ 60% relative humidity*
<b>Touch Dry:</b>	<b>30 Minutes</b>
<b>Recoat:</b>	<b>2 Hours</b> *In cooler temperatures or high humidity, dry times will be extended
<b>Clean up:</b>	Protecting Our Environment is important to Nutech Paints: Clean up hands and equipment with fresh warm 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.
<b>First Aid</b>	<p><b>SEEK IMMEDIATE MEDICAL ATTENTION.</b> Refer to the appropriate <b>Nutech Safety Data Sheet (SDS)</b> for further information.</p> <p>For medical emergencies only, call: 000</p> <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, or any breathing difficulty occurs or if swallowed seek medical advice.</li> </ul>

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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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