

Technical Data Sheet

NuFlex

Product Description:	NuFlex is formulated with an advanced water based acrylic polymer that guarantees durability and performance. Specifically developed for the most adverse weather conditions, it can be applied over appropriately prepared roof tiles and all masonry surfaces. NuFlex is available in a range of 46 standard colours, with custom matched colours available upon request.
Features:	• 10 Year Manufacturer's Warranty* • Low VOC • Gloss Finish • Excellent UV resistance • 100% waterproof • Water Based • Suitable for the collection of drinking water • Excellent resistance to surface spoilage bacteria, moss and lichen *Manufacturer's Warranty details
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 more information or assistance: Nutech 03 9770 3000 nutech.com.au
Provisions:	This Data Sheet (TDS) should always be read in conjunction with the relevant Fact Sheets and specific Guides referred to throughout this document: Application Conditions: • Only apply between 10°C and 30°C ambient air temperatures • Ensure no surface moisture is present prior to application • Consideration must be given to other climatic conditions such as wind, relative humidity, overnight dew or if rain is likely within 24 hours of application • DO NOT apply NuFlex until the primer is completely dry • Coating in very hot or cold conditions may reduce gloss appearance and affect durability <i>Failure to observe these provisions may affect coating adhesion and performance</i>
Chemical Type:	Water based exterior durable acrylic emulsion
Product Attributes:	PH: 8.5-9.0 VOC: Low Solubility: In water Minimum film forming temperature: 10°C
Appearance:	Opaque white or coloured viscous liquid
Packaging:	15L
Coverage / Spread Rate:	4m²/L per coat Minimum System dry film thickness: 200µm To maximise performance do not over spread
Storage/ Shelf Life:	24 months when stored at 25°C. Store in a dry, well-ventilated area. Protect from humidity and frost to maintain product quality. Avoid contact with direct sunlight and heat.

DRINKING WATER COLLECTION:	Note: Always disconnect water tanks before cleaning and coating. After coating, thoroughly flush gutters and allow several good rains to remove all overspray before reconnecting tanks.
Suitable Substrate Types:	Suitably prepared and primed surfaces, including concrete & terracotta roof tiles, sheet metal, asbestos and cement sheet.
Climatic Conditions:	10°C to 30°C ambient, dry conditions. Do not apply if rain is expected within the next 12 hours, or if it is late in the day or early morning.
Application Equipment:	Airless Spray (Recommended) Brush or Roller
Mixing/ Thinning:	Prior to Commencement: Stir thoroughly prior to use Thinning is not recommended or required
Preparation:	All bare surfaces must be cleaned, treated and correctly primed, prior to application. Moss and lichen: Must be removed prior to application. Refer EcoSafe MossRid in accordance with the relevant TDS. High pressure water clean using a minimum of 3000psi and allow for the surface to fully dry.
Repair/Replace:	Any damaged roof tiles, cappings and flashing. Any damaged pointing (where applicable) should be repaired with Nutech MaxiPoint as outlined in the MaxiPoint TDS. <i>Improperly prepared surfaces may result in coating failure</i>
Test Patch:	Conduct a small test patch in an inconspicuous area to confirm product performance and substrate porosity, and to estimate the amount of product needed to complete the project.
Application Procedure:	NOTE: Tile pointing must be adequately cured in cold weather prior to coating to ensure adhesion. Weather conditions must be favourable as rain, moisture or dew may cause damage to the coating. Application in extreme hot or cold temperatures will affect gloss and durability. Nutech recommends NuFlex is applied by Trained Professionals.
Primer Application:	Refer to the TECHNICAL ADDENDUM in this TDS or contact Nutech for the most suitable Nutech primer for your project.
Top Coat:	Application 1st: Apply 1 even coat of NuFlex allowing a minimum 4 hours prior to recoating 2nd: Apply 1 even coat
Drying Time:	Ambient conditions @ 25°C and 60% relative humidity DO NOT apply below 10°C or late in the day to ensure adequate curing DO NOT apply if rain is likely within 24 hours of application
Touch Dry:	1 Hour
Recoat:	4 Hours (minimum)
Dry Film:	24 Hours
Weatherproof:	Vertical surfaces: 24 Hours Horizontal surfaces: 72 Hours
Full Cure:	7 days *All drying times will extend in cooler temperatures or higher humidity.

Clean Up:

- If cleaning is required, use cold water.
- Soak brushes, rollers, and other tools in water for 10-20 minutes, then rinse with fresh water.
- **Spray gun:** Run the water through the spray gun until the output runs clear.

Protecting Our Environment is important to Nutech:

Always clean up with cold water, making sure to do so away from any drains.

Do not pour leftover product into drains or waterways. Instead, store any unused product in a sealed container and dispose of it through an approved special waste collection service.

Leave empty paint containers open in a well-ventilated area until any remaining product has dried completely. Once dry, dispose of the containers according to your local council's waste disposal guidelines. Check with your local authority to ensure proper disposal methods are followed.

First Aid:**SEEK IMMEDIATE MEDICAL ATTENTION.**

Refer to the appropriate ***Nutech Safety Data Sheet*** (SDS) for further information.

For medical emergencies only, call: 000

- **Eye contact:** Flush eyes thoroughly with water for at least 15 minutes.
- **Skin contact:** Wash affected areas with soap and water.
- **Clothing:** Remove and wash contaminated clothing.
- **Inhalation:** If inhalation causes discomfort, move to fresh air.
- ***If symptoms persist, breathing becomes difficult, or the product is swallowed, seek medical advice immediately.***

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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.
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.
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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