



Technical Data Sheet

NuPrime

Product Description **NuPrime** is a wet adhesion promoted acrylic primer designed for the application to promote a good intercoat bond on powdery roof tiles and concrete surfaces. **NuPrime's** advanced formula is designed to penetrate powdery surfaces to promote a good bond and a stable surface to all Nutech Roof Coating products such as; **NXT Cool Zone, Tileflex, NuFlex and SmartCoat.** **NuPrime** is also recommended for use as a primer under the **Nutech NuCourt** range for concrete sport surfaces. **NuPrime** has undergone rigorous testing and special consideration has been given to ensure the Nutech Roof Coating Range is suitable for Australia and South-East Asia.

NuPrime

- Features:**
- Stable non-yellowing coating
 - Retains both flexibility and strength
 - Provides excellent protection against bacteria and mould
 - Surfaces require substantially less top coat paint compared to an unsealed surface
 - Easy clean up with water

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:** 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 and relative humidity
 - Failure to observe these provisions may affect coating adhesion
 - Avoid mist-spraying Nu-Prime on hot tiles to prevent flash surface drying.

Chemical Type: Water based acrylic emulsion

Product Attributes pH: 8.5 - 9.5
VOC (Material): 12 g/litre

Solubility: Soluble in Water
Minimum Film Forming Temperature: 10°C.

Typical Applications Typical projects include:
Domestic & multi density residential, industrial and commercial roofs.

Appearance Milky white viscous liquid

Coverage / Spread Rate **4m²/L** per coat
Note: Flood apply the coating onto the tile to maximise the penetration through the powdery surface.

Packaging **4L, 10L, 20L**

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



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| Shelf life | Stored 24 months @ 25°C |
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| Substrate Recommendations: | NuPrime is a high-quality compound adhesive to bond difficult to penetrate powdery surfaces. |
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| NOTE | Powdery Surfaces: <u>Flood apply</u> the coating to maximise the penetration |
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| Mixing/ Thinning | Prior to Commencement: Stir thoroughly prior to use. Dilution not recommended or required. |
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| Test Patch | 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. |
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| Substrate Note | All bare surfaces must be cleaned prior to application. Treat moss and lichen prior to cleaning will minimise cleaning time. Refer Nutech Hypo and Nu-EcoSafe MossRid in accordance with the relevant TDS. High pressure water clean using a minimum of 3000psi. <i>Improperly prepared surfaces may result in coating failure.</i> |
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| Application | Brush Roller Airless Spray: spray tip size 519-521 |
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| Procedure: | Nutech Paints recommends NuPrime is applied by a trained professional. <ul style="list-style-type: none">• Tile pointing must be adequately cured in cold weather before coating is applied to ensure adhesion.• Weather conditions must be favourable as rain, moisture or dew may cause damage to the coating. In very hot weather pre-wet the roof with cold water to reduce the surface temperature. |
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APPLICATION RATE
Apply 1 saturation coat of **NuPrime** at 4 m²/L and allow to dry.

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| Drying Time | Ambient conditions @ 25°C and 50% relative humidity. Touch Dry 20 Minutes. |
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| Recoat | 30 minutes to 1 hour at cooler temperatures or higher humidity drying times will be extended. |
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| Clean Up | Protecting Our Environment is important to Nutech Paints: Clean up with cold water away from drains. Do not pour leftover paint down the drain. 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's guidelines. Always check with your local council first. |
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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. If irritation persists.
 - 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 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 nonconforming products.

Any claim under this Warranty must be made by Buyer to Nutech in writing within five (5) days 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 of such non-conformance as required herein shall bar Buyer from recovery under this Warranty.

Nutech 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 be liable for consequential or incidental damages.

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

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 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.'

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.

Nutech

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