

Nutech NuPrime

Fact Sheet



Description

NuPrime is an extremely fine particle size, wet adhesion promoted acrylic primer coating designed for powdery roof tiles and concrete surfaces. Its technically advanced formula is designed to promote deep penetration ensuring top coat adhesion. NuPrime is a non-yellowing clear primer, which is fully compatible with surface binding and all Nutech top coat systems.

Typical Properties

Appearance:	Milky white viscous liquid
Total Solids Content:	23%
Per Cent Volatiles:	N/A
pH:	8.0
Specific Gravity:	< 23%
Solubility In Water:	Soluble
Minimum Film Forming Temperature:	50°F.
Minimum Film Thickness (Dry Coat):	Subject to surface conditions
Recommended Application Rate:	One saturation coat @ 165 square feet per Gallon

Applications & Features

NuPrime is a high quality compound adhesive to bond difficult to penetrate powdery surfaces. Used as an undercoat on powder coated roof tiles, NuPrime provides an excellent surface for Nu-Flex 100% acrylic roof tile coating. It is a stable non-yellowing coating, which retains both flexibility and strength. NuPrime provides excellent protection against bacteria and mould on most surfaces. Concrete and masonry surfaces undercoated with NuPrime require substantially less top coat paint compared to an unsealed surface. Surfaces undercoated with NuPrime and top coated with Nu-Flex perform exceptionally after curing under all weather conditions to provide a 100% waterproof coating.

NuPrime has undergone rigorous testing and special consideration has been given to ensure that the chemical composition and compatibility of NuPrime and all top coating systems are suitable for Australian, Asian, EU and USA conditions.

Other features include:

- Improved drying speed
- Easy application by brush, roller or spray
- Guaranteed intercoat adhesion with all Nutech top coat systems including TileFlex 2000[®] and NXT Cool Zone[®]
- Ultra Violet light resistant when top coated
- 100% water and weather proof performance
- High resistance to mould and fungus
- Economical prime coat
- Excellent penetration through oxidised powdery tile surfaces



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Important Application and Usage Warnings

Avoid mist-spraying NuPrime on hot tiles to prevent flash surface drying.

Coat in cooler weather conditions or pre-wet the roof with cold water to reduce the surface temperature in very hot weather. The addition of 2 pint of water to 5 Gallons of NuPrime in very hot weather is recommended to assist penetration and reduce the potential for flash surface drying.

Block all downpipes in gutters to prevent run off entering storm water drains.

NuPrime must be flood applied to saturate the surface of the tile to maximise the penetration through the powdery surface. However the coating may run when saturation applied. If run off will affect paving, plants or other areas requiring protection consider using SupaPrime instead of NuPrime. SupaPrime is more thixotropic and does not run like NuPrime.

Always block downpipes to prevent contamination of storm water and water collection systems. Disconnect all water tank supply pipes before application to prevent contamination.

Always check for holes in gutters and downpipes to avoid spills or contamination of building surfaces.

Refer to Nutech Material Safety Data Sheet for additional safety and user information before using or opening the container.

Important Note

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.



NUTECH PAINT PTY LTD

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4 Keppler Circuit Seaford Victoria Australia 3198
Tel: +61 3 9770 3000 Fax: +61 3 9775 1680
Website: www.nutech.com.au Email: sales@nutech.com.au

USA Nu-Prime NTFS024-V1-1209.doc

USA NUTECH USA LLC 1888-760-8991 Los Angeles info@nutechpaints.com

NUTECH PAINT THOMASTOWN 216 Settlement Road Thomastown Victoria Australia 3074 Tel: +61 3 9465 5111 Fax: +61 3 9465 5222
NUTECH PAINT SYDNEY 18 South Street Rydalmere NSW Australia 2116 Tel: +61 2 9638 7089 Fax: +61 2 9638 7911
NUTECH PAINT BRISBANE Unit 2 14-16 Loganlea Road Waterford QLD Australia 4133 Tel: +61 7 3805 7455 Fax: +61 7 3805 2677
NUTECH PAINT WESTERN AUSTRALIA 1/43 Felspar Street Welshpool WA Australia 6106 Tel: +61 8 9458 2111 Fax: +61 8 9451 6004
NUTECH PAINT UK Tel: +44 (0)141 945 2005