

# Nutech SupaPrime

## Fact Sheet



### Description

SupaPrime is a new generation roof tile primer formulated to maximize penetration into a powdery oxidized surface and guarantee the adhesion of Nutech top coat systems.

SupaPrime has the remarkable ability to thoroughly wet and penetrate into difficult surfaces similar to a solvent based primer, without the disadvantages of solvent odours or high flammability. The resin system strengthens and binds the loose surface creating a strong and stable base for top coat systems

It is a tough flexible easy to use environmentally friendly water based primer specifically formulated to achieve maximum surface depth penetration and intercoat adhesion. SupaPrime is a non-yellowing clear primer, which is fully compatible with all Nutech top coat systems.

The unique rheology of SupaPrime allows superior sag control to prevent run off while maintaining a high viscosity of 50 KU to maximise penetration potential. The resin in SupaPrime is fast curing with a high Tg (Glass Transition Temperature). This means it will not remain sticky under foot immediately after application. The glass transition temperature (Tg) of a coating refers to the critical temperature at which the material changes its behaviour from being hard to being soft and flexible.

### Typical Properties

Appearance:	Milky white viscous liquid
Total Solids Content:	20%
Per Cent Volatiles:	N/A
pH:	8.0
Specific Gravity:	1
Solubility In Water:	Soluble
Flammability	Non-flammable
Minimum Film Forming Temperature:	46°F.
Minimum Film Thickness ( Dry Coat):	Subject to surface conditions
<b>Recommended Application Rate:</b>	<b>One coat @ 210 square feet per Gallon</b>

### Applications & Features

SupaPrime is manufactured from premium resins and surfactants to maximise performance under both cool and hot weather conditions. It is a stable non-yellowing coating, which retains both flexibility and strength with age. SupaPrime provides excellent protection against bacteria and mould on most surfaces. Concrete and masonry surfaces undercoated with SupaPrime require less top coat paint compared to an unsealed surface.

SupaPrime has undergone rigorous testing and special consideration has been given to ensure that the chemical composition and compatibility with Nutech top coat systems is suitable for Australia and South-East Asian conditions. Features include:

- Fast drying speed
- Easy application by brush, roller or spray
- Guaranteed intercoat adhesion with all Nutech top coat systems including membranes elastomeric, TileFlex 2000<sup>®</sup> and NXT Cool Zone<sup>®</sup>
- 100% water and weather proof performance
- High resistance to mould and fungus



**NUTECH PAINT PTY LTD**

USA SupaPrime NTFS101-V1-1209.doc

Page 1 of 2

# Nutech SupaPrime

## Fact Sheet



### Applications & Features cont'd..

- Premium performance
- Excellent penetration through all oxidised powdery surfaces

Supa-Prime is also recommended for:

- Porous Concrete and Cinder Block walls
- Light weight concrete panels
- Tilt slab concrete walls
- Concrete render stucco and stucco-type wall finishes

### Important Application and Usage Warnings

Do not spray apply SupaPrime on extremely hot surfaces which can restrict surface penetration. In very hot weather pre-wet the roof with cold water to reduce the surface temperature and assist penetration of SupaPrime.

Applying a coat of SupaPrime and two top coats on the same day can result in coating failure in the event of heavy night dew or rain, particularly in cool weather conditions. Additional curing time will be required in cooler weather conditions.

Heavy application is not required to maximise penetration through the powdery surface.

**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**

Page 2 of 2

4 Keppler Circuit Seaford Victoria Australia 3198  
Tel: +61 3 9770 3000 Fax: +61 3 9775 1680  
Website: [www.nutech.com.au](http://www.nutech.com.au) Email: [sales@nutech.com.au](mailto:sales@nutech.com.au)

USA SupaPrime NTFS101-V1-1209.doc

USA NUTECH USA LLC 1888-760-8991 Los Angeles [info@nutechpaints.com](mailto: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