



Nutech Roof
Restoration Coating
Since 1972



Over 750,000 Roofs Restored World Wide

Why Re-Roof? When You Can Restore!

Save Energy, Save Our Environment



For Metal Roofs



For Tile Roofs



For Composite Roofs



Roof Restoration

Using



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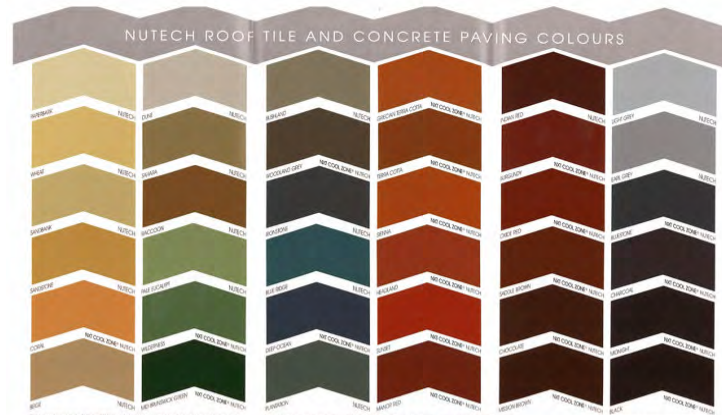
Dirty Tiles

Cleaned Tiles

Primed Tiles

Nutech Coated Tiles

Available in 36 Colors





NUTECH

Over 750,000

Roofs Restored Worldwide

NXT COOL ZONE
Behind the beautiful face, a toughness that lasts

Protect and beautify your roof with the next generation roof coating system from Nutech Paint

DECRAFLEX
Tave Coat
COOL ZONE
TILEFLEX
EPIK
eco paint
liquid surface creations
POINT

WAVE FUN WITH NUTECH PAINT!

CELEBRATING 40 YEARS!
The power of paint

Roof Coating Magic with Nutech

TILEFLEX 2000
ENHANCED WITH NANO TECHNOLOGY

Over 700,000 Roofs Restored Worldwide

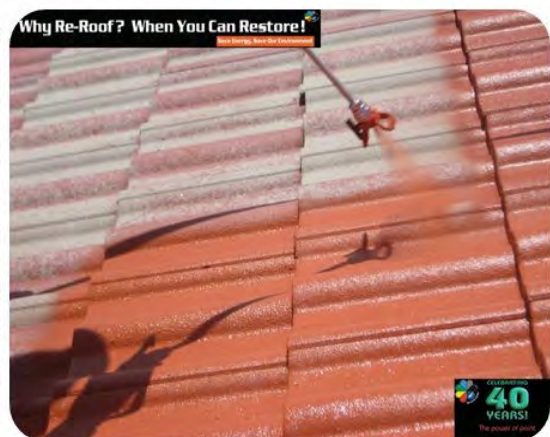
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Roof Tile Roof Restoration Systems That Stand The Test Of Time.

Designed as a 3 coat process on tile roofs, the roofs are first power washed clean then a 3 coat application system is Applied. In most cases, 1 coat of Nutech penetrating sealer Nuprime is used, followed by two top coats of either Tileflex 2000 Enhanced With Self-Cleaning Nano-Technology,

or

NXT Cool Zone Infrared Heat Reflective roof coating, also Enhanced With Seal Cleaning Nano-Technology.





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



Nutech NuPrime

Fact Sheet



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 Tileflex 2000

Fact Sheet



The Next Generation in Roof Coating Technology !

TileFlex 2000 is no ordinary paint. This revolutionary coating combines advanced technology developed exclusively by Nutech Paint over more than 38 years with the special properties of Nano-Technology® to deliver superior performance.

Nutech Paint spent many years developing TileFlex 2000® roof coating which will stay cleaner and retain gloss longer than any conventional acrylic roof coating.

Independent Australian CSIRO (Commonwealth Scientific and Industrial Research Organisation) testing has conclusively shown that the surface friction of TileFlex 2000 is substantially reduced by the unique properties of Nano-Technology®. Special polymers used in the manufacture of TileFlex 2000 and a low level of surface friction enables the coating to repel moisture, dirt and contamination. This will greatly improve the appearance and function of your roof.

Further testing has shown that TileFlex 2000 has superior gloss, early water resistance and film drying speed compared to other acrylic coatings enhancing appearance and application properties.

TileFlex 2000 provides significantly more gloss on application and will maintain an attractive new looking roof appearance better than any other acrylic roof coating.

To reduce the damaging effects of the harsh environment, Nutech has used the latest technology to impregnate TileFlex 2000 with Nano-Technology®. This innovation guarantees that TileFlex 2000 sets new standards in roof coating performance, maximizing the durability and total waterproof protection.

Classification	Non flammable
Tinting	38 standard & custom colours available
Gloss Level	Standard full gloss, <u>Matt/Low-Sheen.</u>
Thinning	Not recommended (water clean up)
Shelf Life	12 months
Minimum Film Forming Temperature	50°F
Drying Time @ 75°F	Touch dry: 20 minutes
Recoat Time	1 hour @ 75°F – new pointing must be cured
Application Temperature	50°F – 86°F
Total Solids	>40%
Film Thickness (two coats)	20 Mil (wet film) - 8 Mil (dry film)
Gloss Level	High gloss, <u>Matt/Low-Sheen.</u>
Application	Brush, roller, airless spray gun (spray tip 523)
Containers	5 Gallons
Recommended Application Rate	2 coats @ 160 square feet per Gallon litre per coat

Recommended surfaces

Suitably primed surfaces including cement roof tiles, concrete roofs, timber shingles and shakes, bitumen and asphalt shingles shakes and sheeting, metal tiles and sheet, galvanized zincalume and aluminium metal sheet, colored metal sheet, composite tiles, asbestos tiles and sheeting.





Protect Your Roof with TileFlex 2000®

There are two important reasons why you should restore your roof. Firstly, the appearance of your home is greatly improved with a clean glossy coloured roof. Secondly, and more importantly, a durable coating protects your roof from the effects of ageing.

All exterior surfaces and coatings undergo an ageing process caused by moisture, UV light radiation, temperature extremes, dirt, pollution, moss, lichen and bacteria. This ageing can result in gloss reduction, chalking, discolouration, blistering, flaking, loss of adhesion, and unsightly moss and lichen build up resulting in general coating failure.

The key to the success of TileFlex 2000 is its amazing ability to resist the causes of ageing better than any other acrylic roof coating. To repel dirt pick up and contamination, TileFlex 2000 develops a non-tacky micro surface enhanced with Nano-Technology. This microfilm does not discolour and does not affect recoating adhesion.

TileFlex 2000 contains highly effective polymer preservatives which provide long lasting broad spectrum, algacide and fungicide protection to prevent polymer discolouration and deterioration and moss and lichen growth. Unlike many other roof coatings, TileFlex 2000 is also user friendly because it does not contain environmentally harmful formaldehyde preservatives. TileFlex 2000 is suitable for the collection of drinking water.

TileFlex 2000 is ultra low VOC (Volatile Organic Compounds) and low odour to comply with all US and California clean air legislation.

TileFlex 2000 contains UV resistant non-fading pigments and tough flexible 100% acrylic polymers which will transform any roof into an attractive and functional surface. TileFlex 2000 is guaranteed not to peel, fade or crack subject to correct surface preparation and application.

**With TileFlex 2000 you can be confident that you will obtain
“a perfect finish” every time.**

Important Application and Usage Warnings

Do not apply TileFlex 2000 in very low temperatures to avoid coating adhesion problems. Coating in very hot conditions may reduce gloss appearance.

Do not overcoat primers or sealers until completely dry. Applying multiple coats of sealer/primer and TileFlex 2000 on the same day may result in coating damage in cool wet weather.

Ensure good drainage from all roof surfaces before applying TileFlex 2000. Do not apply on surfaces that pond water. If unsure, test with a hose and observe to ensure water is not ponding in any area.

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