

# Nutech Roof Coatings Range

Nutech Paint Application Instructions & Guidelines  
Nutech Roof Coatings Range of Products



## TileFlex

The Next Generation In Roof Coating Technology

TileFlex is no ordinary paint. This revolutionary coating combines advanced technology developed exclusively by Nutech Paint over more than 40 years with the special properties of surface cleaning Nano Technology to deliver superior performance.

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

Independent CSIRO<sup>1</sup> testing has conclusively shown that the surface friction of TileFlex is substantially reduced by the unique properties of surface cleaning Nano Technology. Special polymers used in the manufacture of TileFlex 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 has superior gloss, early water resistance and film drying speed compared to other acrylic coatings enhancing appearance and application properties.

TileFlex 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 Australian environment, Nutech has used the latest technology to impregnate TileFlex with surface cleaning Nano Technology. This innovation guarantees that TileFlex sets new standards in roof coating performance, maximizing the durability and total waterproof protection.

### Technical Information

Classification	Non flammable
Tinting	38 standard & custom colours available
Thinning	Not required (water clean up)
Shelf Life	12 months
Minimum Film Forming Temperature	10°C
Drying Time @ 25 Degrees Celsius	Touch dry: 20 minutes
Recoat Time	1 hour – new pointing must be cured
Application Temperature	14 – 30 Degrees Celsius
Total Solids	>40%
Film Thickness (two coats)	200 microns (dry film)
Gloss Level	High gloss
Application	Brush, roller, airless spray gun (spray tip 523)
Containers	4lt, 10lt, 20lt, 200lt, 1000lt
<b>Recommended Application Rate</b>	<b>2 coats @ 4 square metres per litre per coat</b>

<sup>1</sup> CSIRO Report DBCE Doc 96/168(M) available for inspection at Nutech Paint Pty Ltd  
Tileflex NTDS047-V2-0114

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### Protect Your Roof with TileFlex

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 is its amazing ability to resist the causes of ageing better than any other acrylic roof coating. TileFlex uses a unique system of surface cleaning Nano Technology to repel dirt pick up and contamination.

TileFlex 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 is also user friendly because it does not contain environmentally harmful formaldehyde preservatives. TileFlex is suitable for the collection of drinking water.

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

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

### Application Warnings

Do not apply TileFlex in very low temperatures to avoid coating adhesion problems.

Do not overcoat Nu-Prime, Master Sealer or Nu-Bond until the undercoat is completely dry.

Coating in very hot conditions may reduce gloss appearance.

Refer to the Material Safety Data Sheet for additional safety and user information.

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DISCLAIMER: Warranty and Limitation of liability:

### 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.

### 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.

<sup>1</sup> CSIRO Report DBCE Doc 96/168(M) available for inspection at Nutech Paint Pty Ltd