



# Technical Data Sheet

## TerraGlaze

**Product Description** **TerraGlaze** is a UV stabilised, silicon modified clear protective coating developed specifically for porous, un-glazed and un-vitrified terracotta roof tiles. **TerraGlaze** exhibits superior flow and gloss characteristics and resists crazing and discolouring, whilst providing a weatherproof long-lasting finish that is both tough and flexible.

### TerraGlaze

#### Features:

- Excellent surface adhesion to un-glazed non-vitrified surfaces
- Excellent exterior durability
- Excellent resistance to mould, fungi and lichen
- Resists cracking, crazing, discolouring and blistering
- High chemical and abrasion resistance
- Cost effective finishing system
- Easy application by brush, roller or spraying
- Reduced application stringing
- Complete water and weatherproofing performance
- Suitable for the collection of Drinking 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](http://www.nutechpaint.com.au)

- **KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION.**
- Keep out of reach of children Vapours are heavier than air.
- Keep container closed.
- Use only with adequate ventilation.
- Avoid contact with eyes, skin and clothing.
- Wash thoroughly after handling.
- Avoid breathing vapours.
- DO NOT take internally.
- Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

##### Provisions:

**TerraGlaze** IS NOT recommended for glazed, non-porous and vitreous terracotta tiles.  
DO NOT apply on a very hot tile surface.  
DO NOT apply **TerraGlaze** late in the day as the risk of surface damage caused by dew and condensation increases.  
Sealer affected by moisture loses gloss and may appear milky once dry.

**Chemical Type:** Silicon modified alkyd

**Product Attributes** Solubility: Solvent  
Application Temperatures: Between 10-35°C  
Minimum Dry Film Thickness: >100 microns



<b>Typical Applications</b>	Roof Coating for Terracotta Tiles: Domestic, multidensity residential, commercial and industrial terracotta roofing
<b>Appearance</b>	Clear brown viscous liquid
<b>Coverage / Spread Rate</b>	Two coats 5m <sup>2</sup> / L
<b>Packaging</b>	4L, 10L, 20L
<b>Storage</b>	Cool, dry location. Avoid contact with direct sunlight and heat
<b>Shelf life</b>	Stored 24 months @ 25°C
<b>Substrate Recommendations</b>	Porous tiles, un-glazed tiles, non-vitrified terracotta tiles, concrete tiles, masonry and timber Surfaces <b>TerraGlaze</b> is recommended for surfaces requiring water and weatherproof protection
<b>NOTE</b>	<b>PRIOR TO APPLICATION:</b> Test the surface for absorption by pouring 1 cup of clean water onto the surface and observe penetration. If water beads and is not absorbed, the surface is most likely to be vitrified <b>TerraGlaze IS NOT recommended.</b> Consult your Nutech representative for further advice.
<b>Mixing/ Thinning</b>	Prior to Commencement: Stir thoroughly prior to use. Maximum dilution: 10% <b>Nutech Mineral Turps</b>
<b>Test Patch</b>	Conduct a small test patch in an inconspicuous area to ensure adequate product performance, substrate porosity and adhesion.
<b>Substrate note:</b>	All bare surfaces must be completely clean and free of lichen, moss, dirt and other foreign material High pressure clean using a minimum of 3000psi. Treating moss and lichen prior to cleaning will minimise cleaning time. Refer <b>Nutech Hypo</b> and <b>Nutech MossRid</b> . <b><i>Improperly prepared surfaces may result in coating failure.</i></b>
<b>Application</b>	Brush Roller Airless Spray
<b>Procedure:</b>	Nutech Paints recommends <b>TerraGlaze</b> is applied by Trained Professionals. <i>(Where applicable)</i> Any damaged pointing should be repaired with Nutech MaxiPoint as outlined in the MaxiPoint TDS. <b>Top Coat:</b> <ul style="list-style-type: none"><li>• <b>1<sup>st</sup>:</b> Apply 1 even coat of <b>TerraGlaze</b> allowing a <u>minimum 4 hours</u> prior to recoat.</li><li>• <b>2<sup>nd</sup>:</b> Apply 1 even coat of <b>TerraGlaze</b></li></ul>
<b>Drying Time</b>	Ambient conditions @ 25°C and 50% relative humidity. Touch Dry 4 hours hard dry 12 hours
<b>Recoat</b>	<b>Recoat 24 hours</b>



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**Clean Up** Protecting Our Environment is important to Nutech Paints:  
Clean up hands and equipment with **Nutech Mineral Turps** or dispose of equipment.  
Do not pour left over paint down drains or in rubbish bins. 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 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.

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**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.

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**Nutech Paint**  
For a perfect finish!

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**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.

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# Nutech

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