



# Technical Data Sheet

## Elite Terracotta Primer

**Product Description** **Elite Terracotta Primer** is a water based solvent free primer specifically developed with adhesion enhancing properties on glazed terracotta tiles, and vitrified terracotta tiles, non-porous, dense and smooth substrates including metals.

**Elite Terracotta Primer** is designed for use on both vertical and horizontal surfaces, achieving high adhesion without the need for etching or using solvents and is recommended for the application under the range of Nutech Paint roof coating systems.

### Elite Terracotta

#### Primer Features:

- Excellent adhesion
- Excellent hardness and flexibility
- Solvent free Low VOC and Low Odour
- Mould and fungus resistance
- Easy application by brush, roller or spray
- Water clean up

**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)

#### Provisions:

**Chemical Type:** Acrylic copolymer

**Product Attributes** pH: 8.5 - 9.0  
VOC (Material): 1 g/litre  
Solubility: Soluble in Water  
Minimum Film Forming Temperature: 10 °C.

**Typical Applications** Typical projects include:  
Domestic & Multi Density Residential, Industrial and Commercial uses where excellent adhesion to smooth surfaces is required.

**Appearance** Colour – Milky White

**Coverage / Spread Rate** Smooth, non-porous surfaces: **12m<sup>2</sup>/L**  
Porous/Rough surface: (Approx.) **5m<sup>2</sup> /L**  
**Note:** Coverage will depend on the porosity and roughness of the surface. To maximise performance do not over spread.

**Packaging** 10L, 15L, 20L

**Storage** Do not store in direct sunlight.  
Avoid cold freezing conditions and off concrete floors.

**Shelf life** Stored 12 months @ 25°C in original unopened container

**Substrate Recommendations:** Glazed terracotta tiles, vitrified terracotta tiles and natural stone, general surfaces where absorbing primers are not suitable or where adhesion enhancement is a required agent for roof coatings.



---

**NOTE**                      **Not suitable for use as a clear top coat as coating will dry milky.**

---

**Mixing/ Thinning**      **Prior to Commencement:** Stir thoroughly prior to use.  
**Maximum dilution:** 10%. Water

---

**Test Patch**                Prior to commencement of works, Nutech Paint recommends adhesion test be conducted to ensure the appropriate performance of the system.  
It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts.  
Nutech Paint offers a service for pre-testing adhesion to surfaces for large commercial areas or unusual substrates.  
For further details contact Nutech Paint.

---

**Substrate note:**        All surfaces must be clean. Treat moss and lichen prior to cleaning will minimise cleaning time. Refer to **Nutech Hypo** and **Nutech MossRid**.

High pressure clean using a minimum of 3000psi.

***Improperly prepared surfaces may result in coating failure.***

---

**Application**              Brush  
Roller  
Airless Spray: spray tip size 519-521

---

**Procedure:**              **Weather conditions:** Must be favourable as rain, moisture or dew may cause damage to the coating. DO NOT apply in very hot weather. If unavoidable, pre-wet the roof with cold water to reduce the surface temperature.

Apply Elite Terracotta Prime in temperatures between 10°C to 30°C

Application outside the recommended temperature may cause the coating to fail. Longer curing time required at 10°C.

**Same day top coating:** Winter or cold weather is not recommended. Same day top coating in cold weather will retard curing of this primer.

Surface blisters and delamination bubbles may result unless adequate curing of the primer is ensured.

**Tile pointing:** Must be adequately cured in cold weather before coating is applied to ensure adhesion.

Nutech Paint recommends that **Elite Terracotta Primer** is applied by a trained professional. Application by airless spray, brush or roller is suitable.

For best results apply with an airless spray gun.

**Brush/ Roller Application:**

- Apply 1 coat Elite **Terracotta Primer** using a low nap roller or long bristle brush. Ensure coverage is even to the surface being treated.

**Airless Spray:**

- Apply 1 coat Elite **Terracotta Primer** using tip size of 19-21 thou.
-



---

**Top Coat** (As required)

- Apply 2 top coats with either, **NXT Cool Zone**, **Tileflex**, **NuFlex** or **SmartCoat** in accordance with the relevant TDS.

Contact Nutech Paint Technical Services for further details on spray or roller application.

---

**Drying Time** 30 – 40 minutes

---

**Recoat** Recoat 2 hours at cooler temperatures or higher humidity drying times will be extended. Recoat 3 hours.

---

**Clean Up** Protecting Our Environment is important to Nutech Paints:  
Clean up hands and equipment with fresh warm water 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.

---

**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.

---

**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.



**Nutech Paint**  
For a perfect finish!

---

**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.

---

**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.

---

# Nutech

**Nutech Paint**

**PTY LTD**

☎03 9770 3000

✉sales@nutech.com.au

[www.nutechpaint.com.au](http://www.nutechpaint.com.au)