

# Nutech Metal Primer

## Fact Sheet



### Description

Nutech Anti-Corrosion Water Based Acrylic Metal Primer is designed as a primer for new and weathered steel, galvanized, zincalume, aluminium, lead, copper and precoated metal sheeting.

This primer is supplied standard in a mid-gray color or White suitable for top coating with all Nutech top coatings including TileFlex 2000<sup>®</sup> and NXT Cool Zone<sup>®</sup>.

### Typical Properties

Appearance:	Gray or White colored viscous liquid
Total Solids Content:	35%
pH:	9.0
Per Cent Volatiles:	Nil (wet film)
Specific Gravity:	1.26
Solubility In Water:	Soluble
Minimum Film Forming Temperature:	50°F
Minimum Dry Film Thickness:	4 Mil
<b>Recommended Application Rate:</b>	<b>One coat @ 250 square ft per gallon</b>

### Applications & Features

Nutech Metal Primer is an acrylic coating, which demonstrates exceptional adhesion to a range of substrates including metal and masonry surfaces. The coating provides good chemical resistance, weatherability and ease of application by brush, roller or airless spray. The coating is suitable for new and older galvanised metal. The coating is suitable for all metal roofing and can also be used as a primer over Colourbond and other coated metal sheet roofing products. The primer is not recommended for coating over high gloss coatings on metal sheet roofing. Surfaces primed with Nutech Anti-Corrosion Metal Primer perform exceptionally under conditions of hot, cold and wet weather, provided they are correctly cleaned and top coated with a suitable protective finish.

Features of Nutech Metal Primer include:

- Improved hardness and flexibility
- Excellent long term resistance to corrosion and rust
- Easy application and clean up
- Suitable for new and weathered galvanised and zinc metal sheeting
- Weatherproof
- Excellent adhesion to a wide range of metal and masonry substrates
- Outstanding durability
- Oil and water resistant

### Application Guidelines

The surface should be cleaned to remove all contaminants and dirt and any loose coating. A suitable surface is usually achieved using a high-pressure water cleaner (greater than 2500 p.s.i.). If new galvanised sheets are heavily contaminated with oil and machine lubricants, the surface must be washed with a suitable degreaser or solvent before coating.

Nutech Anti-Corrosion Metal Primer used for metal roof sheeting must be over coated with TileFlex 2000<sup>®</sup>, NXT Cool Zone<sup>®</sup> or other Nutech water based coating suitable for extended exposure.



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### Application Guidelines (cont.)

Nutech Metal Primer is available in both white and light gray color. White Metal Primer is recommended when using White colored NXT Cool Zone to maximize infra-red light reflection.

### Application Warnings

Application on non porous substrate including metal sheeting, requires adequate curing of this product before top coating.

Same day top coating in winter or cold weather is not recommended. Same day top coating in cold weather will retard curing of this primer and surface blisters and delamination bubbles may result, unless adequate curing of the primer is ensured.

Primer adhesion may be affected when applying on hot metal sheeting. Ensure substrate surface temperatures do not exceed 86°F.

Refer to Nutech Metal Sheet Roofing Guideline for additional application information.

**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.



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