

# TECHNICAL DATA

## **GALMET KEYTITE ETCH PRIMER**

### **Epoxy-vinyl etch primer**

#### **Description**

**Galmet Keytite Etch Primer** is a single pack epoxy etch primer designed to etch and passivate ferrous and non-ferrous metals. **Galmet Keytite Etch Primer** offers excellent adhesion and barrier properties over **Galmet Cold Galvanizing** and other zinc coatings prior to topcoating with **Galmet Rustpaint**, **Galmet Hammered Metal Finish** or **Galmet Spraypaint**.

#### **Areas of Application**

- Galvanized iron
- Aluminum
- Copper
- Iron & steel
- Stainless steel
- Alloys

#### **Features**

- Fast dry
- Excellent adhesion
- Single pack – easy to apply
- Same day topcoat
- Suitable for most single-pack, two-pack and industrial topcoats

#### **Directions for Use**

##### Surface Preparation

- Ensure the metal surface is free of rust, millscale, grease, water and other contaminants.
- If rust cannot be removed, the surface may be treated with **Galmet Ironize** rust converter after thoroughly abrading the rusty areas with a wire brush. Apply **Galmet Ironize** to rusty areas only.

##### Application

- Large areas are best sprayed. Smaller areas may be brushed, but do not overwork.
- Aerosol - apply with smooth even strokes holding can approximately 25cm from the surface.
- When used as primer for mild steel, two full coats should be used to give a minimum dry film thickness of 25 microns. Only one coat is required when etch priming non-ferrous metals.

#### **Application Data**

Mixing:	Stir thoroughly with a flat mixer before and during use. Aerosol: Shake can for at least 1 minute after agitator ball moves and frequently during use.
Thinning:	Spray: 10 – 15% <b>Galmet Etch Thinner 500E</b> Brush: not required
Clean up:	<b>Galmet Etch Thinner 500E</b>

The information enclosed in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided in this Technical Bulletin should be used as a guide only, as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Pty Ltd Conditions of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids Pty Ltd excludes all other warranties in relation to this product.

Dry Time:	Touch dry 10 – 15 minutes Recoat 2 hours
Recommended dry film thickness:	10-15 microns
Coverage:	10 sq. m/litre Aerosol up to 2 sq. metres per 250g can.

### Technical Data

Anti-corrosive Pigment:	Colouring and filler pigments, zinc phosphate.
Resin:	Vinyl epoxy resin
Flash Point:	12°C (closed cup)
Heat Resistance:	Satisfactory at 200°C for short periods only
Water Resistance:	Not applicable – normally overcoated
Volume Solids:	10%

### Health & Safety Information

- Avoid contact with skin and eyes.
- Avoid breathing vapour and spray mist.
- If poisoning occurs contact the Poisons Information Centre.
- If swallowed, do not induce vomiting, drink a glass of water. Seek medical advice.
- If in eyes rinse with water for 15 minutes and see a doctor.
  
- For more information consult the Material Safety Data Sheet for this product.

### AEROSOL PRODUCT

- UN1950 – Aerosols
- Class 2.1 – Flammable Gas
- Sub. Risk – 3 – Flammable liquid

### BULK PRODUCT

- UN1263 – Paint
- Class 3 – Flammable Liquid
- Packaging Group II