



# TECHNICAL DATA

## GALMET COLD GALVANIZING

### Zinc-rich coating

#### Description

**Galmet Cold Galvanizing** is an organic zinc-rich coating with over 92% zinc in dry film. **Galmet Cold Galvanizing** provides long term protection to steel because of the cathodic (galvanic) action between the steel and the metallic zinc in the coating. This action prevents rust from developing under **Galmet Cold Galvanizing**. It also produces a self healing mechanism where the **Galmet Cold Galvanizing** is scratched; zinc oxides and carbonates form in the scratch and effectively reseal it. Metallic zinc coatings are universally accepted as the best method of rust prevention. **Galmet Cold Galvanizing** offers this protection combined with ease of preparation and application.

#### Areas of Application

- Welds and damaged galvanizing
- Steel Structures
- Tank exteriors
- Wrought iron
- Ducting
- Trailers

#### Features

- Single pack – easy to use
- Surface tolerant
- 92% zinc metal in dry film
- Brush, roll or spray

#### Directions for Use

##### Surface Preparation

- Prepare surface by thorough abrading to bright metal.
- Ideal preparation is abrasive blast cleaning to AS 1627.9 Class 2. This standard requires that millscale, rust and foreign particles are substantially removed and that grey metal is visible.
- The better the surface preparation, the longer the protection.

##### Application

- May be applied by brush, roller or spray.
- Mix regularly during use.
- When spraying, agitate paint pot regularly to avoid settling of pigment.
- Aerosol – shake can frequently during use. Apply with smooth even strokes holding the can approximately 25cm from the surface. Several light passes are preferable to one heavy application.

#### Application Data

Mixing: Stir thoroughly with a flat stirrer before use and frequently during use.  
Aerosol – shake can for at least one minute after agitator ball moves and frequently during use.

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.

Thinning:	Brush – not necessary Roller – not necessary Spray – 20-25% Galmet Industrial Thinner 400D
Clean up:	<b>Galmet Industrial Thinner 400D</b>
Spray pressure:	40-60 psi (280 – 420 kPa)
Recommended Film Thickness:	Wet – 165 microns Dry – 75 microns
Coverage:	Brush: 6 sq m/L @ 75 micron DFT Spray: 6 sq m/L @ 75 micron DFT Aerosol: Up to 2 sq. metres per 400gm can
Dry Time:	20 min touch. 8 hours to recoat. 24 hours to hard dry

**Precautions**

- Conventional enamels (such as **Galmet Rustpaint**) should not be used over zinc rich primers unless a barrier coat such as **Galmet Keytite Etch Primer** is first applied over the zinc rich coating.
- Do not apply over **Galmet Ironize**.

**Technical Data**

Pigment:	Microfine metallic zinc 92% in dry film
Resin:	Polystyrene – one pack
Colour/Gloss:	Grey matt
Volume Solids:	45%
Flash Point:	Over 45° C
Heat Resistance:	Up to 150° C
Water Resistance:	Excellent. Permanent immersion not recommended.
Corrosion Resistance:	Excellent

**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.
- 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 III