

# TECHNICAL DATA

## **GALMET IRONIZE**

### **Rust converter and sealer**

#### **Description**

**Galmet Ironize** is a fast reacting rust converter and sealer which can be applied directly to a rusty surface. **Galmet Ironize** reacts with rust to form a black chelate compound which binds to the surface. To fully protect metal substrate apply **Galmet Keytite Steel Primer** followed by **Galmet Rustpaint** within 3 months of surface preparation with **Galmet Ironize**.

#### **Areas of Application**

- Rusted steel surfaces
- Ferrous components
- Gutters & roofs
- Concrete reinforcing bars

#### **Features**

- Easy to use
- May be applied to damp surfaces
- Enamel paint can be applied after 3 hours
- No residue to wash off
- Provides a tough and flexible film
- Contains no Phosphoric acid

#### **Directions for Use**

##### Surface Preparation

- Remove loose rust and scale with a wire brush to achieve a firm rusted surface.
- Rinse with water or solvent to remove loose dust particles.
- Pour **Galmet Ironize** into a plastic or non-ferrous container.
- Brush **Galmet Ironize** onto the rusty surface. It may be applied to damp, but not wet surfaces.

#### **Application Data**

Topcoat: Single Pack (enamels): 3 hours  
Two Pack (epoxy, urethane) 24 hours

Clean-up: Clean up with water before product is dry. If dry use **Galmet Etch Thinner 500E**.

Coverage: Approx. 5 – 10 sq.m per litre depending on profile.

Dry Time: Touch – 20 min at 25°C and 50% Relative Humidity, recoat 3 hours minimum.

#### **Precautions**

- Only apply to rusty areas. **Galmet Ironize** is not a rust preventative for clean steel.
- Surface must be cool. Do not apply to hot surfaces (5°C to 25°C ideal)
- Do not use zinc-rich primers (**Galmet Cold Galvanizing**) over **Galmet Ironize**.

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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.

- Staining may appear if water based or light coloured primers or top-coats are used.
- Not recommended for permanent immersion in fresh or salt water.
- Do not pour residual **Galmet Ironize** back into the container.

**Technical Data**

Shelf Life:	12 months or longer. Do not freeze or store above 40°C
Specific Gravity:	1.2
Active Pigment:	Tannic Acid
Resin Type:	Vinyl/Vinylidene Chloride Acrylic Copolymer
Flash Point:	Non Flammable
Heat Resistance:	Not to be applied where service conditions exceed 100°C
Abrasion Resistance:	Good when top-coated.
Acid Resistance:	Good, when top-coated
Corrosion resistance:	Improves performance of most paint systems over rusted surfaces

**Health & Safety Information**

- Not Hazardous according to Worksafe criteria.
- 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 additional information consult the Material Safety Data sheet for this product.

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