



TECHNICAL DATA

GALMET RUSTPAINT

Single pack epoxy enamel

Description

Galmet Rustpaint is a single pack, epoxy modified enamel specifically formulated to protect and beautify both new and old metal surfaces. The epoxy resin promotes high adhesion and a tough abrasion-resistant finish.

Areas of Application

- Wrought iron
- Garden furniture
- Pipelines
- Fences and gates
- Steel sections

Features

- Single pack
- Unlimited pot life
- Easy to apply
- Selected Australian Standard colours
- High gloss
- Adhesion and resistance characteristics of epoxy resin
- Brush, roller, or spray application

Direction for Use

Preparation

- Good preparation is essential for obtaining maximum performance from this coating.
- Black mill-scale, loose rust, or other debris should be removed by thorough wire brushing or abrading.
- Thorough sanding of the surface is desirable.
- Grease and oil should be removed using a suitable solvent or cleaning solution.
- Steel previously exposed to salt water should be thoroughly rinsed with fresh water and a suitable primer used.

Priming

Steel

- No primer is required on steel in mild conditions or interior exposure.
- For maximum protection on steel, prime the thoroughly cleaned steel with **Galmet Cold Galvanizing** followed by **Galmet Keytite Etch Primer**.
- If rust is difficult to remove, treat first with **Galmet Ironize** then prime with **Galmet Keytite Steel Primer**.

Non-ferrous

- Galvanized iron and other zinc coated surfaces must be primed with **Galmet Keytite Etch Primer** before using **Galmet Rustpaint**. Consult ITW's Technical Department for other metals.

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.

Application

- Apply paint by brush, roller or spray gun.
- Sand lightly between coats and apply a second coat after a minimum of 8 hours.
- Aerosol – Apply with smooth even strokes holding the can approximately 25cm from the surface.
- First apply a mist coat, then build up opacity where necessary by applying a number of light coats several minutes apart.

Application Data

Mixing:	Stir thoroughly with a flat mixer before use. Aerosol: shake can for at least one minute after agitator ball moves and frequently during use.
Thinning:	Brush – Mineral Turpentine to adjust viscosity up to 5% Spray – Galmet Enamel Spray Thinner 300C up to 15%
Clean Up:	Galmet Enamel Spray Thinner 300C or Mineral Turpentine
Dry Time:	Touch Dry – 2 hours, recoat within 4-6 hours or after 48 hours
Coverage:	Brush – 12sq. m per litre Spray – 15 sq. m per litre Aerosol – up to 2.2 sq. m per 350g can

Precautions:

- Avoid applying in temperatures lower than 10°C or in damp conditions.
- Low temperatures will lengthen drying time.
- Two coats are recommended.

Technical Data

Pigments:	All colours free of heavy metals, lead, cadmium, etc.		
Resin:	Blend of epoxy and alkyd resins.		
Water Resistance:	Excellent splash resistance. Permanent immersion not recommended.		
Heat Resistance:	150° C		
Chemical Resistance:	Not resistant to strong acids/caustics and many solvents.		
Recommended System:	Galmet Cold Galvanizing	–	DFT 50 microns
	Galmet Keytite Etch Primer	–	DFT 10 microns
	Galmet Rustpaint	–	DFT 40 microns
	Galmet Rustpaint	–	DFT 40 microns

Health & Safety Information

- Avoid contact with skin and eyes.
- Avoid breathing vapour and spray mist.
- If poisoning occurs contact the Poisons Information Centre.
- If in eyes rinse with water for 15 minutes and see a doctor.
- For more information consult the Material Safety Datasheet 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

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