



Galmet® ColdGal

Galmet® ColdGal metal protection paint is a 'World's Best' organic zinc-rich coating that conforms to Australian Standard - AS 3750.9. It provides maximum long term protection of steel structures and assets against corrosion.

Containing 98.5% pure zinc with over 92% zinc in the dry film, Galmet® ColdGal provides a self-healing mechanism which effectively reseals the surface when scratched.

Galmet® ColdGal is of a class of products universally accepted as one of the best methods of protecting welds, repairing damaged hot-dip galvanized components and preventing the corrosion of steel surfaces.

Galmet® ColdGal is suitable for:

- Touch-up and repair of damaged hot-dip galvanizing
- Protection of welds & fabricated steel structures
- Suitable for MRO industrial steel applications where long term protection of steel is required

Features/Benefits:

- 98.5% pure zinc with over 92% zinc in the dry film
- Tough, flexible and fast drying with excellent adhesion
- Galmet® ColdGal will re-liquidise upon contact with its self even after many years, providing optimum recoatability
- Available in easy to use aerosol

For long lasting corrosion protection – use only Galmet® ColdGal.



GALMET
METAL PROTECTION

www.galmet.com.au

CASE STUDY

Scope

An engineering fabricator who manufactures **acoustic enclosures used for engine powered generators**. The enclosures are manufactured using large sheets of hot-dip galvanized steel which is cut to size, welded and then top coated.

The enclosures are well-engineered and structurally sound, however once installed they are **exposed to environmental elements** and **varied internal temperatures**. This promotes condensation, the formation of corrosion and compromises the durability of the enclosures.

To grow his business, the manufacturer had to ensure that the enclosures were durable enough to withstand the expected long service life.

Solution

The manufacturer was already using **Galmet® ColdGal** Aerosol's to touch up welded and drilled sections of the frame and was pleased with its performance and ease of application.

Working with the manufacturer, Galmet developed a system which enabled them to spray **Galmet® ColdGal (4L)** directly from a spray system to **large sections of the hot dip galvanized metal**. This provided an anti-corrosive layer of protection prior to the metal being top coated.

Benefits

The application of Galmet ColdGal enabled the manufacturer to **guarantee durability over the course of the products long service life** which previously could not be done.

The application of **Galmet® ColdGal (4L)** enabled the business to:

- Provide **added durability** to an existing, well manufactured product which structurally met the expected longevity of its application
- **Charge a premium price** for the product as durability was no longer a concern
- Offer customers a **product guarantee** and therefore gain peace of mind from product recalls and failures



					Code	Pack Size
					GGCGA	400 g (Aerosol)
					GGCG250	250 mL Tin
					GGCG500M	500 mL Tin
					GGCG1L	1 L Tin
					GGCG4L	4 L Tin

TECHNICAL DATA

Classification	Organic zinc-rich primer
Colour	Grey Matt
Pigment	Microfine metallic zinc 92% in the dry film
Touch Dry Time	20 minutes
Recoat after	8 hours
Hard Dry Time	24 hours
Temperature range	up to 150° C
Recommended Dry Film Thickness	50 – 75 micron
Coverage	
(Paint tins)	6 m ² per L @ 75 micron DFT
(Aerosol)	up to 2 m ² per 400 g can

ITW Polymers and Fluids is proud of its portfolio of brands; Galmet, Rocol, Epirez, Devcon, Molybond.