

COLD GALVANIZING

Zinc rich pri	mer			
Description:	GALMET [®] Cold Galvanizing is a zinc-rich coating with 92% metallic zinc in dry film.			
	Cold Galvanizing provides lon action between the steel and t developing under Cold Galvan Cold Galvanizing is scratche effectively reseal it.	g term protection to steel beca he metallic zinc in the coating. izing. It also produces a self- ed; zinc oxides and carbonat	use of the cathodic (galvanic) This action prevents rust from healing mechanism where the res form in the scratch and	
	Metallic zinc coatings are univ Galvanizing offers this protection	ersally accepted as the best me on combined with ease of prepa	ethod of rust prevention. Cold aration and application.	
Intended Use:	 Protect steel from corrosion. Touch up welds and damaged galvanised steel. Fences & gates, ducting, trailers Exterior steelwork 			
Product features:	 Single pack – easy to 92% zinc metal in dry 99.5 minimum zinc provide the set of th	o use r film urity erosol) C23 (bulk) m dairies & dairy processing		
Typical	Technical data should be considered repres	entative or typical only and should not be use	ed for specification purposes. TEST METHODS	
Properties:	Classification Colour Pigment Touch Dry Time Recoat after Hard Dry Time Temperature range Recommended Dry Film Thickness Coverage (Paint tins) (Aerosol) Adhesion (cross-cut) Corrosion Resistance	Organic zinc-rich primer Grey Zinc metal powder 20 minutes 8 hours 24 hours -20°C up to 150° C 50 – 75 micron 6 m ² per L @ 75 micron DFT up to 2 m ² per 400 g can 0 (100% adhesion) > 2000 h (no red rust)	AS 1580.408.4 ASTM B117	
Surface Preparation:	 Proper surface preparation is essential for obtaining maximum performance from this product. Steel previously exposed to salt water should be thoroughly rinsed with fresh water and dried before coating. Coat surface as soon as possible after surface preparation to eliminate risk of surface contamination. 			
	 <u>Bare Steel:</u> Remove rough surfaces, sharp edges and weld splatter by abrading, sanding or wire brush. Rust, mill scale and existing paint films should be removed by scraping, sanding or 			



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	 wire brush. For best results abrasive blast clean to AS1627.4 Class 2. Remove dust, oil and grease by wiping with a clean cloth and a suitable no residue solvent (such as Galmet[®] Enamel Thinner 300C). Apply two coats of Galmet[®] Cold Galvanizing. 		
	 <u>Galvanized Iron and zinc coated surfaces:</u> For best results abrade surface slightly. (avoid removing excessive zinc from Galvanised steel surfaces) Remove dust, oil and grease by wiping with a clean cloth and a suitable no residue solvent (such as Galmet[®] Enamel Thinner 300C). Apply one or two coats of Galmet[®] Cold Galvanizing. 		
	<u>Aluminium, Stainless Steel:</u> Cold Galvanizing is not recommended for application to these surfaces.		
	 <u>Plastic and other surfaces:</u> Cold Galvanizing is not recommended for application to these surfaces. 		
	 <u>Rusty Surfaces:</u> Remove all traces of rust, by scaping, sanding or wire brush. For best results abrasive blast clean to AS1627.4 Class 2. Cold Galvanizing should not be painted over rusty steel. If rust cannot be removed use Ironize followed by a suitable primer. Do <u>not</u> follow with Cold Galvanizing. 		
Priming:	 Bare Steel: Cold Galvanizing should be used directly onto bare prepared steel. No primer or top-coat required indoors and in mild conditions. For best results the following primers may be used over Cold Galvanizing: Galmet[®] Keytite Etch Primer. 		
Top coating:	 After applying a suitable primer, the following Galmet[®] top-coats are recommended to complete the system: Galmet[®] Duragal. Galmet[®] Fence Gutter Facia Paint. Galmet[®] Spraypaint. Galmet[®] Rustpaint. 		
Thinning:	 Brush: Not necessary Roller: Not necessary Spray: 20 - 25% Galmet® Industrial Thinner (400D) 		
Mixing Instructions:	 Paint tins: Stir thoroughly with a flat stirrer before use and frequently during use. 		
	 <u>Aerosol</u>: Before use, shake can for one minute after agitator ball moves and frequently during use. 		
Application Instructions:	 May be applied by brush, roller or spray. <u>Brush / Roller:</u> Apply even coats to the prepared surface. 		

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	 <u>Conventional Spray:</u> Mix regularly during use. Thin with 20 - 25% Galmet[®] Industrial Thinner (400D) Spray pressure: 280 - 420 kPa (40 - 60 p.s.i) <u>Aerosol:</u> Apply with smooth even strokes, holding the can approximately 25 cm from the prepared surface. Build each coat by first applying a "mist coat" allowing a two minute "flash off" period before applying a "full coat" to surface. Avoid excess film build in a single coat three thin coats are better than one thick coat. 		
Clean up:	Galmet [®] Industrial Thinner (400D)		
Storage:	 Paint Tins: Store at room temperature. Shelf Life: 4 Years 		
	 <u>Aerosol:</u> Store at room temperature. Pressurised dispenser. Store in a cool place out of the sun. Do not store above 50°C. Shelf Life: 2 Years 		
Compliances:	 Complies with AS 3750.9 Type I zinc-rich primer. Complies with material requirements of ASTM A780. 		
Chemical Resistance:	Resistant to spills and splashes of aliphatic solvents. Not recommended for acidic or highly alkaline conditions.		
Limitations:	Not recommended for permanent immersion.		
Warranty:	Galmet [®] will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.		
Disclaimer:	All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Polymers & Fluids and Galmet [®] makes no representations or warranties of any kind concerning this data.		
Order Information:	GGCG250M 250 mL Tin GGCG500M 500 mL Tin GGCG1L 1 L Tin GGCG4L 4 L Tin GGCGA 400 g Aerosol		
Health & Safety	For Health & Safety information, refer to Safety Data Sheet available from ITW Polymers & Fluids upon request or available on our website <u>www.galmet.com.au</u> or <u>www.galmet.co.nz</u>		

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ITW Polymers & Fluids 100 Hassall Street Wetherill Park NSW 2164 Phone (02) 9757 8800 Fax (02) 9757 3855 NEW ZEALAND ITW Polymers & Fluids Unit 2 / 38 Trugood Drive East Tamaki 2013, Auckland Phone (09) 272 1945 Fax (09) 273 6489