

## Technical Data Sheet

Chemtools® Pty Ltd | Ph: 1300 738 250 (+61 2 9833 9866) | Unit 2, 14 – 16 Lee Holm Road ST MARYS NSW 2760  
Safety Data Sheets, product photos, and other information can be obtained by visiting [www.chemtools.com.au](http://www.chemtools.com.au)



# GalMax™ 93 Premium Cold Galvanising Paint

PART NUMBER	AVAILABLE SIZE*
CT-GMCG-500	500g Aerosol

\*Available sizes may change without notice.

### DESCRIPTION

GalMax™ 93 Premium Cold Galvanising Paint is a weld through zinc-rich coating containing 93% zinc in dry film which protects clean steel in the same manner as hot dip galvanising, ie, by cathodic reaction. It passes the tough ASTM B117-07, 168 hour salt spray test with no defects, and gives exceptional long term protection against rust and corrosion, weathering to the same colour as normal galvanising.

With 99% zinc purity, GalMax™ 93 is ideally suited for touch-up welds and damaged structures or components, and is supplied to a wide range of industries from marine to construction. It is commonly used on marine and offshore rigs, during metal fabrication, for hot-dip gal repairs, and to rust proof bridges, cooling towers, fencing, piping, and metal roofing.

### APPLICATION

Ensure the surface is clean, dry, and free of contaminants, removing all scale and rust as far as possible before application. Do not use acidic rust converters or removers. Do not paint over loose or unsound surfaces.

Drying times are temperature dependent.

Invert the can and shake well for at least one minute. Shake often during use.

Hold the can upright and angle the fan jet for a horizontal or vertical pattern. Apply in even sweeping strokes approximately 250mm to 300mm from the surface. Apply several light coats a few minutes apart rather than one heavy coat.

After spraying, invert the can and press the nozzle to clear the jet. If blocked, use fuse wire and mineral turps to clean the nozzle.

Do not paint at temperatures below 15°C or above 40°C. Avoid high humidity.

### TECHNICAL DATA

#### Specifications

Colour	Matt Grey
Zinc in Dry Film	93%
Pigment	97% Zinc Dust (ASTM-D520, Type 1)
Recommended Film Thickness	40µm (1.6 thou)
VOC Content	50%
Heat Resistance	Up to 250°C
Corrosion Protection	Yes – meets specifications for ASTM-A780

#### Application Conditions

Temperature	15°C to 40°C
Humidity	85% RH Max

#### Drying and Coating

Touch Dry*	Approx. 10 minutes
Re-Coat/Top Coat*	Approx. 8 hours
Top Coat Required	Yes
Re-Coat with Water-Based Paints	Yes
Re-Coat with Solvent-Based Paints	Yes

\*Times are dependent upon temperature and weather conditions

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### **Coverage**

Aerosol 3.125m<sup>2</sup> per 500g can  
Brush Currently not available in brushable bulk liquid

### **Compatibility/Suitability**

Duragal®	Zincalume®	Colourbond®	Aluminium	Copper
NO	NO	NO	NO	NO
Iron	Steel	Wrought Iron	Stainless Steel	Galvanised Steel
YES	YES	YES	NO	YES

### **FIRST AID & SAFETY PRECAUTIONS**

**Always refer to Safety Data Sheet/s before use.** Use proper Personal Protection Equipment. Do not get in eyes, on skin, or on clothing. Use with adequate ventilation. Avoid breathing fumes. Keep away from heat, sparks, open flames, and hot surfaces. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet/s for this product have been fully understood by all persons who will work with the material.

### **STORAGE & TRANSPORT**

**Refer to Safety Data Sheet/s for recommendations.** As a general precaution, keep containers tightly closed, protect from sunlight, and do not expose to temperatures exceeding 50°C. Containers should be secured and stored upright during transit.

### **DISCLAIMER**

Every effort has been made to ensure the information provided in this document is accurate at the date of publication. Chemtools® Pty Ltd expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools® Pty Ltd shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.