

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



GalMax™ 90 Cold Galvanising Paint

| PART NUMBER | FORMULA | AVAILABLE SIZE* |
|-------------|-----------|-----------------|
| CT-CG-400 | Aerosol | 400g Aerosol |
| CT-CGB-1L | Brushable | 1 Litre |
| CT-CGS-1L | Sprayable | 1 Litre |
| CT-CGB-4L | Brushable | 4 Litres |
| CT-CGS-4L | Sprayable | 4 Litres |

*Available sizes may change without notice.

DESCRIPTION

GalMax™ 90 Zinc-Rich Cold Galvanising Paint is a high-performance primer containing 90% pure zinc dust pigment blended with epoxy resin. The product complies with **AS/NZS 4680:2006** - a standard that specifies the zinc contents and minimum coating thickness requirements for steel of various section thicknesses.

This non-conductive weld through zinc-rich coating protects clean steel in the same manner as hot dip galvanising, i.e., by cathodic reaction. The self-sacrificing zinc protects the base metal and preserves its strength while preventing rust creepage when the area is penetrated or scratched. It gives exceptional long-term protection against rust and corrosion, and weathers to the same colour as normal galvanising.

GalMax™ 90 Cold Galvanising Paint conforms to the Australian Standard **AS/NZS 3750.9.2009** for Zinc Rich Coatings with its 90% zinc in dry film, zinc particles of 45 µm, and zinc purity of 99%. It also complies with **AS2312** when applied in accordance to the standard.

GalMax™ 90 is supplied to a wide range of industries from marine to construction and is ideally suited to touch-up welds and damaged structures or components. 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 surfaces are clean, dry, and free from scale and rust. Old finishes must be thoroughly wire brushed and/or sanded and degreased. Do not paint over loose or unsound surfaces. Surface preparation is very important.

Aerosol: 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.

Bulk: Before use, stir thoroughly for approximately 5 minutes using a flat stirrer with a circular, lifting motion. Stir often during use. Apply two coats for optimum protection by brush, roller, or spray equipment.

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 | 88% - 90% | Pigment | 99% Pure Zinc Dust |
| Recommended Film Thickness | 50µm (1.6 thou) | VOC Content | 35% | Heat Resistance | Up to 100 °C |
| Corrosion Protection | Yes - exceeds specifications for ASTM-A780 | | | | |

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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, once cured (May take up to 14 days)
Re-Coat with Solvent-Based Paints Yes

**Times are dependent upon temperature and weather conditions*

Coverage

Aerosol 2.5m² per 400g can
Brush 7m² per litre

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.