

Technical Data Sheet

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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	-	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 Cold Galvanising Paint is a non-conductive weld through zinc-rich coating containing 90% zinc in dry film which protects clean steel in the same manner as hot dip galvanising, ie, by cathodic reaction. It gives exceptional long-term protection against rust and corrosion, and weathers to the same colour as normal galvanising.

With a guaranteed 99% zinc purity, 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				

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

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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.