



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

Issued: May 2018

GalMax™ ZPH Red Oxide Metal Primer

PART NUMBER

CT-ROP-400

CT-ROP-4L

AVAILABLE SIZE

400g Aerosol

1L Tin

PRODUCT DESCRIPTION

Chemtools® GalMax™ ZPH Red Oxide Metal Primer is a high quality oil-based rust-resistant primer, ideal for use on non-galvanised, ferrous metal, such as iron and steel. The corrosive-resistant red oxide pigments protect surfaces from exposure to chemical fumes and extreme environmental conditions, such as excessive heat, humidity, rain, and wind.

ZPH is quick drying, and designed to provide a tough, durable, and smooth base coat that can be used directly over rusty surfaces. It is ideal for interior and exterior use and can be over-coated with most conventional top coats.

Common applications include farm equipment, fences, structural steel, pipes, field machinery, and storage tanks.

DIRECTIONS (READ LABEL BEFORE USE)

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 after the mixing ball rattles, and 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.



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Specifications

Colour	Red	Paint Type	Zinc Phosphate Primer	Recommended Film Thickness	40µm (1.6 thou)
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Application Conditions

Temperature 15°C to 40°C

Humidity 85% RH Max

Drying and Coating

Touch dry* 10 minutes

Re-Coat/Top Coat* 1 hour

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

Coverage

Aerosol	2.5m ² per 400g can	Brush	14m ² per litre
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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



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FIRST AID & SAFETY PRECAUTIONS

Please refer to Safety Data Sheet (SDS) 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 (SDS) for this product have been fully understood by all persons who will work with the material.

STORAGE

Keep out of reach of children. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Containers must be secured and stored upright during transit.

DISCLAIMER

Chemtools® has made every effort to ensure the information provided in this Technical Data Sheet is accurate at the time of publication. Chemtools® 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 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.

FURTHER INFORMATION

Please visit Chemtools® online at www.chemtools.com.au for product photos, marketing materials, Technical Data Sheets, Safety Data Sheets, contact details, and other company/business related information.