



CRC Industries NZ  
Auckland NZ

## ***I. Product Description***

CRC Metal Armour is a zinc rich primer that contains 85% zinc in the dry film. It is a versatile and unique formulation that bonds directly to bare metal or most surfaces, including painted surfaces.

It provides a strong corrosion factor 68 protection (up to 5 and half years) on exposed outdoor surfaces. CRC Metal Armour protects by galvanic action and prevents rust and rust creepage even when damaged or abraded. Existing rust must be removed or treated prior to application.

USE ON: Cars, Trucks, Boats, Trailers, Iron or Steel, Equipment and Tools, Railings and Fences. Anything that requires painting post rust treatment.

## ***II. Features & Benefits***

- Zinc-rich - 85% zinc in the dried film.
- Zinc rich primer and sealer.
- Durable coating and superior adhesion
- Can be used on bare metal or prepared surfaces.
- Ready to Paint or leave uncoated.
- Coating protects through galvanic action, stops rust and rust creepage even when scratched or abraded.
- Corrosion protection factor 68 - provides 68 months or 5 and half on exposed outdoor surfaces.
- To treat rust, use CRC Rust Converter first, then Metal Armour to get the best coating performance and rust protection.

## ***III. Compatibility***

### **Can be applied over:**

Bare metal or most surfaces, including painted surfaces.

### **Preparation – Read entire label before use:**

1. Ensure all rust is either mechanically removed or treated with CRC Rust Converter or a chemical treatment.
2. Ensure the surface is dry and free from any oil, grease, or other contaminants.

### **Application:**

1. Shake can until agitator ball is moving freely and then for at least 1 further minute to ensure content is thoroughly mixed.
2. Hold can 15-20cm from surface when spraying.
3. Apply 2-3 light coats to clean dry surface for best results.
4. When finished spraying, clear valve by turning can upside down and pressing button until only pressure escapes.



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#### IV. *Typical Properties and Characteristics*

##### Physical Properties:

<b>Zinc Content in Dry Film</b>	85% by weight
<b>Propellant (Aerosol)</b>	LPG (Liquefied petroleum gas)
<b>Flash Point</b>	4°C
<b>Temperature Range</b>	200°C
<b>Corrosion Protection Factor</b>	68
<b>Reapplication period Indoors</b>	As required
<b>Reapplication period Outdoors</b>	Up to 5.5 years, depending on conditions
<b>Colour</b>	Grey
<b>Specific Gravity</b>	2.1

##### Performance Characteristics:

<b>Touch Dry</b>	10-20 minutes
<b>Full Cure</b>	24 hours
<b>Time to Overcoat</b>	15 Minutes
<b>Theoretical Coverage</b>	Up to 2m <sup>2</sup> /aerosol can
<b>Clean up with</b>	Mineral turpentine or white spirits

#### V. *Package Description*

<u>Part Number</u>	<u>Size</u>
1754703	350g Aerosol

#### VI. *Special Precautions*

##### General:

Extremely flammable aerosol. Pressurized container: may burst if heated. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Obtain special instructions before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye protection and face protection. Take off contaminated clothing and wash it before reuse. Wash all exposed external body areas thoroughly after handling. Do not eat, drink, or smoke when using this product. Avoid release to the environment. IF exposed or concerned: Get medical advice/ attention. If skin irritation occurs: Get medical advice/attention.



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## Technical Data Sheet

### CRC Metal Armour 350g

#### **First Aid:**

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**IF SWALLOWED:** Call a POISON CENTER/doctor/physician/first aider if you feel unwell.

**IF ON SKIN:** Wash with plenty of water and soap.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.

#### **Storage:**

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

#### **Contains:**

Hydrocarbon Propellant, Zinc Powder, Xylene, Toluene.

#### **Disposal:**

Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

Refer to Material Safety Data Sheet for more details.

**TECHNICAL DATA SHEET** Version 11/2023

**PRODUCT WARRANTY:** CRC offers a conditional warranty of this product for the period of 5 years from the date of manufacture.

**DISCLAIMER:** All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.