



CRC Industries NZ  
Auckland NZ

## I. Product Description

CRC Prime It – Red Oxide Primer is a single pack penetrating shop primer with a red-oxide finish and high levels of anti-corrosive zinc complexes. It forms a durable protective coating on steel with excellent anti-corrosive properties. It is formulated for the protection of structural steel and iron and can be applied over clean or lightly rusted surfaces. It does not require immediate overcoating, but can be overcoated at a later stage if desired.

Ongoing protection can be achieved through overcoating or simple recoating with CRC Prime It – Red Oxide Primer after 3 years, depending on conditions. Protection in extreme conditions may require re-application more frequently.

## II. Features & Benefits

- **Zinc enriched for corrosion protection** – High levels of anti-corrosive zinc complexes
- **Long-term protection** – Up to 3 years outdoors before overcoating or recoating is necessary, depending on conditions
- **Scratch resistant, durable** – Withstands harsh outdoor conditions
- **Compatible with most standard decorative paint systems for metals**
- **Ready to Use Aerosol** – No additional mixing or chemical additives required. Easy application. No clean up.
- **Red-oxide finish**
- **Lead and cadmium free**
- **MPI Approved C23**

## III. Compatibility

### Can be applied over:

Bare or lightly rusted steel surfaces.

### Can be overcoated with:

Itself. CRC Prep It. CRC Zinc It. CRC Bright Zinc. CRC Stainless Steel + Zinc. CRC Copper + Zinc. CRC Coloured Zinc Coatings. CRC Black It. CRC White Out. CRC Paint It. Most standard decorative paint systems for metals.

### Surface Preparation:

1. Remove signs of corrosion with a wire brush or emery paper or similar.
2. If rust cannot be removed, treat surface with CRC Rust Converter after thoroughly abrading rusty areas with a wire brush.
3. Clean surface with CRC Brakleen or similar degreaser if required.
4. Where possible, abrade surface with disc grinding, wire brush or sandpaper.
5. If applying over aluminium, stainless steel, brass, copper or galvanised metal, pre-prime surface with CRC Etch It.

### 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. Apply with smooth even strokes to clean, dry surface holding can approximately 25cm from surface until desired coverage is achieved.
3. When finished spraying, clean valve by turning can upside down and pressing button until only pressure escapes.

### Application Data:

<b>Touch Dry</b>	30 minutes
<b>Full Cure</b>	Overnight
<b>Time to Overcoat</b>	1-8 hours (without sanding) Overnight (sanding required)
<b>Theoretical Coverage</b>	Up to 2 m <sup>2</sup> /aerosol can
<b>Clean up with</b>	Mineral turpentine, spraying thinner



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

<b>Propellant (Aerosol)</b>	Hydrocarbon
<b>Temperature Range</b>	Up to 120°C
<b>Reapplication period Indoors</b>	Not required
<b>Reapplication period Outdoors</b>	Up to 3 years, depending on conditions
<b>Colour</b>	Red-oxide

#### V. *Package Description*

<b>Part Number</b>	<b>Size</b>
2091	Aerosol 400 ml

#### VI. *Special Precautions*

**General:**

The solvents in CRC Prime It – Red Oxide Primer are highly flammable. Keep away from naked flames, electrical appliances/lights, lighted cigarettes, etc. Use with adequate ventilation. Do not eat, drink or smoke while using. Store in a cool, well-ventilated area. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

**Aerosol Cans:**

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

**First Aid:**

Swallowed – Give water to dilute. Do not induce vomiting. Do not give milk or oil. Do not give alcohol. Get medical attention without delay.

Skin – Remove contaminated clothing and wash skin thoroughly with soap and water. Do not scrub skin. Apply cleansing cream. Wash contaminated clothing before reuse.

Eyes – Hold open and rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention without delay.

Inhalation – Remove to fresh air. If breathing with difficulty, get medical attention immediately.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 08/2015

**PRODUCT WARRANTY:** CRC offers a conditional warranty of this product for the period of 2 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.