



# OWATROL® C.I.P.

## CORROSIVE INHIBITING PRIMER



### PRODUCT DESCRIPTION

OWATROL® C.I.P. (Corrosive Inhibiting Primer) is an anti-corrosive primer that possesses the penetrating properties of OWATROL® OIL\* with the added benefit that it may be overcoated with any coating without the risk of it dissolving. OWATROL® C.I.P. stabilises the surface penetrating deep into the substrate, driving out excess moisture and air to form a solid, stable layer. With OWATROL® C.I.P., sand or shot-blasted surfaces do not require immediate priming; a light rust coating will not affect its performance or the final result.

### BASIC USES

- Horizontal and vertical surfaces.
- New and rusted surfaces.
- Ferrous and non-ferrous metals.
- Steel superstructures, motor vehicles...
- Civil engineering and marine equipment.
- Railings, gates...
- Nautical ballast tanks.

### PROPERTIES

- Penetrates deep in to rusted surfaces to drive out moisture and air.
- Forms a solid stable layer that other paints can firmly adhere to.
- Ideal for difficult climatic conditions – Tropical or marine environments.
- OWATROL® C.I.P. completely seals sound underlying metal against corrosion.
- Avoids the need for sand or shot-blasting – Minimal preparation needed.
- Heat Resistant up to 175°C (347°F).
- Compatible with all paints.
- Excellent chemical resistance – Corrosive gases, Industrial...

### FINISH

Satin

### SIZES

0.75L - 2.5L - 20L

### USAGE

Exterior / Interior



Brick Red

### TECHNICAL DATA

<b>Vehicle Type</b>	Alkyd Resins
<b>Solvent Type</b>	White Spirit
<b>Specific Gravity</b>	At 20°C (68°F): 0.97 ± 0.05.
<b>Viscosity</b>	At 20°C (68°F): 100 - 120 (Cup ISO 4).
<b>Solid Content</b>	51.4% ±2%
<b>Gloss Level @ 60°</b>	<5% GU
<b>Flash Point</b>	>60°C (140°F).
<b>Temperature Resistance (Fully cured dry film)</b>	Up to 175°C (347°F).
<b>Shelf Life</b>	2 years minimum in original unopened packaging.
<b>VOC</b>	EU limit value for this product (cat A/i) : 500g/L. This product contains max. 480 g/L.
<b>Application Tools</b>	Brush, Roller, Spray (Airless Sprayer 0.4mm x 80° @1850 to 2000psi (128 to 138 bars)). If applying OWATROL® C.I.P. by spray, adjust the product by adding 5% to 20% OWATROL® OIL* depending on nozzle size and type to bring it to the desired viscosity.
<b>Dilution</b>	Use as is. Do not dilute.
<b>Coverage</b>	15m <sup>2</sup> (161ft <sup>2</sup> ) per litre. Actual coverage will vary depending on type, texture and porosity of the surface as well as application method.
<b>Drying Times</b>	At 20°C (68°F) and 50% RH Touch Dry: 6 hours Dry: 24 hours depending on temperature and humidity. Recoat Times: Oil/Alkyd Paints 24-48 hours, High Solvent Paints e.g. 2 pack and quick dry paints. 72-96 hours. <b>Maximum Overcoat Time: 7 Days.</b>
<b>Clean-up</b>	White Spirit. <b>Note:</b> Any rags, steel wool etc soaked in OWATROL® C.I.P. may spontaneously catch fire if improperly discarded. Rags, steel wool etc must be saturated with water after use or placed in a sealed, water filled metal container, before disposing with household waste.
<b>Storage</b>	Close lid tightly after use and store in original container. Keep from freezing and high temperatures.

## GOOD APPLICATION PRACTICE

Cover everything you do not wish to paint.  
Apply between 5°C (41°F) and 35°C (95°F).  
Do not apply in direct sunlight or to hot surfaces.  
Do not apply if cold and/or wet weather is expected within 24 hours.  
Stir product thoroughly before and during application.

## SURFACE PREPARATION

### GENERAL DIRECTIONS:

Surfaces must be clean, dry, and free from oil, grease and other surface contaminants.  
Surfaces exposed to chemicals (acids, alkalis, or salt deposits) should be washed using copious amounts of water or steam cleaned. Allow to fully dry.  
Severely contaminated surfaces should be cleaned using an appropriate solvent.  
Remove all mill glaze from new metal.  
Feather in any sharp edges.  
Round off any sharp edges to a 2mm radius.  
All surfaces cleaned with water or steam cleaned should be allowed to dry a minimum of 24 hours before applying OWATROL® C.I.P., except for galvanised surfaces treated with OWAPHOS\*. Galvanised surfaces treated with OWAPHOS\* should be coated within 8 hours.  
**Note:** Do not remove firm rust.

### NEW OR BRIGHT, CLEAN METAL:

Sand surface with 80 grit abrasive (nothing finer) to form a key.  
Thoroughly dust off.

**Note:** New metal is classed as pickled stock or metal that has been sandblasted to remove any mill glaze and is not rusty. Alternatively for new or bright clean metal use PID 60\*.

### RUSTED/OXIDISED SURFACES:

Remove all loose and flaking rust.  
Thoroughly dust off.

**Note:** For excessively and deeply rusted surfaces apply a coat of OWATROL® OIL\*.

### PREVIOUSLY COATED SURFACES:

Remove all loose, flaking, rust and paint.  
Feather in any sharp edges.  
Thoroughly dust off.

Apply a coat of OWATROL® OIL\* to the entire surface.

## SURFACE PREPARATION (CONT.)

### GALVANISED/ZINC SURFACES:

#### New:

Treat with OWAPHOS\* to passivate the surface.  
Allow to fully dry or dry with a cloth (dabbing action only), forced air etc. DO NOT wipe dry.

**Note:** It is imperative that the prepared surface is coated within 8 hours.

#### Weathered:

Clean thoroughly with hot soapy water, PURA-TROL\*, steam clean or use a non-oxidising agent e.g. Acetone.

Allow to dry a full 24 hours.

**Note:** Weathered surfaces are those deemed to have been exposed to the elements for longer than 12 months. Any galvanised surface 12 months or under should be treated as new.

## APPLICATION

Apply a thin layer of OWATROL® C.I.P..

DO NOT over apply. OWATROL® C.I.P. is a primer and its purpose is to penetrate the surface, not mask it.

**Note:** See "Application Tools" when applying by spray.

## RESTRICTIONS

Due to the aggressive nature of some automotive paints combined with their tough, hard and inflexible finish it is recommended that a test is carried out with OWATROL® C.I.P. to ensure compatibility before commencing with the entire project.

While OWATROL® C.I.P. followed by an automotive paint may be applied to New and/or Brightly Cleaned Metal the use of PID 60\* is recommended for these surfaces.

## SAFETY

Refer to the safety data sheet (SDS) available at [www.owatrol.com](http://www.owatrol.com) and the text on the label.  
Keep out of the reach of children.

\*Same Manufacturer. \*Refer to the TDS.

This Technical Data sheet cancels and replaces any previous Technical Data sheet for the same product. Its purpose is to inform the user about the product. The information contained within this Technical Data sheet is based on our current knowledge. However, the information contained within this document cannot replace a specification appropriate to the nature and conditions of the substrate to be coated. Due to ongoing technical advances, it is the responsibility of the user to establish that this document has not been superseded by a more recent edition. The information contained within this document is for guidance only and the manufacturer is unable to guarantee or accept responsibility for the results as it has no control over the conditions under which its products are applied.

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