



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.

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.
- Exceptional adhesion to clean bright steel.
- OWATROL® C.I.P. completely seals sound underlying metal against corrosion.
- Avoids the need for sand or shot-blasting - Minimal preparation required.
- Resistant up to 175°C.
- Compatible with all paints.
- Excellent chemical resistance - Corrosive gases, Industrial...

Basic uses

- Interior and exterior use.
- 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.

Technical data

Finish: Satin.
Vehicle Type: Alkyd Resins.
Solvent Type: Solvent.
Viscosity: Thick liquid.
Specific Gravity (at 20°C): 0,971 ± 0,05.
Physical State: Liquid.
Solid Content: 50,6 ± 3.
Flammability: Not classified as flammable.
Flash point: > 60°C.
Temperature Resistance (Fully Cured Dry Film): + 175°C.
Shelf life: 2 years minimum in original unopened packaging.
Container size: 0.5L, 2.5L, 20L.
Colour: Brick Red.
Touch Dry: 6 hours.
Dry Time: 24 hours, depending on temperature and humidity.
Re-coating Time: 24-72 hours depending on finish: C.I.P. 24 hours; Oil/Alkyd paints 24-48 hours; High Solvent paints i.e. 2 pack, urethane etc 48-72 hours.
VOC: EU limit value for this product (cat. A/i): 500 g/l. (2010). This product contains max 480 g/l. VOC.

Application tools

Brush.
Roller.
Airless Sprayer (0.4 mm x 80° @ 1860-2000psi (128-138 bars)).

Good application practice

Cover everything you do not wish to paint.
Apply between 5°C and 35°C.
Do not apply in direct sunlight or on to hot surfaces.

Surface preparation	Surfaces must be clean, dry and free from oil, grease and other surface contaminants. Remove all mill scale; loose and flaking rust and old paint back to a sound surface and edge. Feather in any sharp edges. Surfaces exposed to chemicals (acids, alkalis or salt deposits) should be washed using copious amounts of water or steam cleaned. Severely contaminated surfaces should be cleaned using an appropriate solvent.
Application	Stir well before and during use. Do not thin. New surfaces: Prime with 1 coat of OWATROL® C.I.P. and allow to dry. For surfaces subject to aggressive climatic conditions apply 2 priming coats. Clean, lightly rusted or new unpainted rusty steel: Apply 2 coats of OWATROL® C.I.P. allowing drying time between coats. Old severely rusted surfaces: Apply 3 coats of OWATROL® C.I.P. allowing drying time between coats. OR Apply wet on wet applications of OWATROL® OIL* until rust is fully saturated and allow to dry 24 hours. Apply 2 coats of OWATROL® C.I.P. allowing drying time between coats. Previously coated surfaces: Spot prime all exposed metal with 2 coats of OWATROL® C.I.P. allowing drying time between coats Apply 3rd coat over entire area and allow to dry.
Coverage	15 m ² per litre. Actual coverage will vary depending on application method, type, texture and porosity of the surface.
Restrictions	No known restrictions.
Clean-up	Clean all tools and equipment with mineral sprits while still wet. If allowed to dry, remove with paint stripper. Store and maintain equipment as directed by manufacturer. NOTE: 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.
Storage	Left over OWATROL® C.I.P. should be transferred to a smaller, airtight, closed metal or glass container. Keep from freezing and high temperature.
General information	Every care is taken to ensure that the information provided in this technical data sheet is accurate. OWATROL INTERNATIONAL is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at info@owatrol.com or the local OWATROL Agent for your country. The information above is correct at the date of issue. All other OWATROL products named in this document should be used as per label instructions and the technical data sheet.
Safety	Keep out of the reach of children. Do not breathe vapours. Avoid contact with skin and eyes. If swallowed, do not induce vomiting: seek medical advice immediately and show the container or label. MSDS available at www.owatrol.com
Issue date	April 2012.

* Same manufacturer

