

TECHNICAL DATA SHEET

RUST CHEM

RED OXIDE PRIMER



DESCRIPTION



Rust Chem Red Oxide Primer is a premium quality, solvent-based alkyd primer for ferrous metals. This quick drying, high opacity, anti-corrosive Primer contains zinc chromate and red iron oxide and is ideal for priming of iron and steel.

For best protection and appearance, we strongly recommend the use of Harris Rust Chem Super Gloss Enamel as a topcoat.

COLOUR RANGE

Available in Red.

FEATURES

- Rust inhibiting
- High hiding
- Quick drying
- Excellent corrosion resistance
- Contains Zinc Chromate

SPREAD RATE

- **RECOMMENDED MAXIMUM WET FILM THICKNESS PER COAT:**
75 microns (3.5 mils)

Approximately 450 square feet per US Gallon (11.3m²/litre) depending on surface texture and porosity.

Number of Coats: 1 - 2 coats.

DIRECTIONS FOR USE

Surface must be clean, dry and free of grease. Remove any grease film by wiping with Ultima Puritene Oil Paint Thinner or Ultima Xylol Thinner. Remove all rust by scraping, chipping, and wire-brushing or sandblasting. Fine rust deposits may be treated with an appropriate Rust Converter. Stir content thoroughly before use and occasionally during use. Apply 1 or 2 coats by brush, roller or spray. If necessary, thin using Ultima Puritene Oil Paint Thinner. Clean application equipment using Ultima Puritene Oil Paint Thinner. Apply 1 or 2 coats as required. Use Ultima Puritene Oil Paint Thinner for cleaning brushes and equipment.

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RECOMMENDED PAINT SYSTEMS

For Metal Surfaces – Iron and Steel

- 1 or 2 coats Rust Chem Anchorlite Heavy Duty Primer
- 2 coats Rust Chem Super Gloss Enamel or Rust Chem Quick Dry Enamel

GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean and free of dust, oil, grease, dirt, mildew, form release agents and loose or scaling material. Welded seams and areas affected by rusting or scaling should be carefully prepared by scraping, wire-brushing or sandblasting. Best results are obtained over a surface sandblasted to a Commercial Blast (SSPC-SP6). Performance over hand or power tool cleaned surfaces is dependent on the degree of cleaning.

PREVIOUSLY PAINTED SURFACES

Clean and prepare entire surface appropriately. All areas affected by rusting, peeling, blistering etc should be wire-brushed and scraped to remove all loose or loosely adhering material. Spot prime bare areas of steel or iron with this product. For optimum performance in more corrosive areas, entire surface should be abrasive blast cleaned and primed with this product.

DRYING TIME

Touch dry: 2 hours Recoat: Minimum 18 hours; hard dry 24 hours
Curing time: 21 days - dependent upon conditions

CLEAN- UP

Clean tools and equipment with Ulttima Puritene Oil Paint Thinner or Ulttima Xylol Thinner and after, wash with soap and water.

PROPERTIES

Resin Type	Alkyd
Solids Content by Weight	67%
% Weight of Solvent	33%
Weight per gallon (US)	10.4 – 10.6 lbs (4.73 – 4.82 kg)
Drying Time (3.5 mils at 25°C)	To recoat – min. 18 hours; Hard dry 24 hours
Gloss	Matte / Flat
Temperature Limitation	Dry: 120°C
Pot Life	Not applicable; Single

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component
Two years minimum

Shelf Life

PACKAGING SIZES

Available in 945ml (1qt), 3.8 litres (1 US gal), 19 litres (5 gal).
NOTE: Available in 204 litres (54-gallons) on request only.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN
SAFETY DIRECTIONS

FLAMMABLE. Store in a cool place. Flash Point 32°C (90°F).

FIRST AID: Ensure maximum ventilation during application and drying. With spray application, use of an approved respirator is advised. If in contact with eyes, rinse immediately with plenty of water and seek medical advice. If in contact with skin, wash immediately with plenty of soap and water or use a proprietary skin cleanser. If swallowed do not induce vomiting, wash out with water and get immediate medical attention.

TECHNICAL ASSISTANCE

For advice and recommendation on the use of all Harris/BH Paints and Building Products, consult the Harris Technical Department, Tel: (246) 429-4840.
Email: technical@harrispaintsonline.com