BLOC-RUST® Premium

Interior/Exterior
Rust Preventative Metal Primer
BRPR00-2-RO RED OXIDE

APPLY A HIGHER STANDARD®

≤ 50 g/L VOC**

BLOC-RUST® Premium Red Oxide is a Rust Preventative primer that offers excellent corrosion resistance and adhesion on interior and exterior ferrous and non-ferrous metals, except for galvanized steel. It is formulated with advanced waterborne alkyd technology to provide superior application properties and good hide, with the convenience of lower odor, fast drying, and water cleanup. **FOR METAL SUBSTRATES ONLY.**

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** Waterborne alkyd

FINISH (ASTM D 523): 3–9% on a 60º meter

COLORS: Red oxide

VISCOSITY@77ºF/25ºC (ASTM D 562): 92–98 KU

MAXIMUM VOC CONTENT	**MAXIMUM RAVOC** (Reactivity-Adjusted VOC)
50 g/L (as supplied)	40 g/L

SOLIDS BY VOLUME (ASTM D 2697)	**SOLIDS BY WEIGHT**
41.2% ± 2%	53.9 ± 2%

WEIGHT PER GALLON (ASTM D 1475)**:** 10.59 lbs.

COMPOSITION BY WEIGHT

Pigment–25.0%		**Vehicle–75.0%**	
*Prime pigments	11.3	Resin solids	26.9
Reinforcing pigments	13.7	Water & additives	48.1

**Prime pigments include titanium dioxide (TiO^2), plus all other pigments directly adding to the hiding power of this paint.*

RECOMMENDED FILM THICKNESS PER COAT
Wet: 4.9 mils Dry: 2.0 mils

PERFORMANCE SPECIFICATION
Permeability: 1.77 | **ASTM D 1652-13 Method A**
Mandrel Bend Results: Pass | **ASTM D 522-B (No Cracking over 1/4" mandrel)**
Adhesion Results: Pass > 4B | **ASTM D3359 (Steel)**
Corrosion Resistance Results: Pass

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS
Approximately 275-350 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77ºF/25ºC (ASTM D 1640)
To touch: 1-2 hours Recoat: 4–6 hours
Dry times and recoat times are temperature, humidty and film thickness dependent.

APPLICATION EQUIPMENT: Airless spray

AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800-2500 psi **TIP:** .013"-.017"	Nylon/Polyester	Smooth Surfaces: ¼" - ⅜" nap Semi-Smooth Surfaces: ⅜" - ½" nap

PACKAGING: Quart, one-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110ºF for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products**.

CONFORMS TO:	
• ARB 2007/2022 SCM & CALGreen 2022 • LEED v4/4.1 • CA Section 01350 • SCAQMD Rule 1113	• CA Extended Producer Responsibility • MIR, HPD • CRGI Green Wise Certified

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Wear a NIOSH-approved N100 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety"or call U.S. EPA's lead hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or / asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- **BLOC-RUST® Premium (BRPR00)** can be used on bare ferrous metal surfaces (interior and exterior) provided they are free of rust, mill scale, and other contaminants. Before any surface preparation is attempted, oil and grease must be removed by employing SSPC-SP1 Solvent Cleaning. Use SSPC-SP6 Commercial Blast Cleaning or SSPC-SP11 Power Tool Cleaning to bare metal to remove mill scale, rust, or other contaminants and to leave a roughened surface. Sandblasted or newly cleaned metal must be prime-coated the same day to prevent re-contamination.
- **BLOC-RUST® Premium (BRPR00)** must be recoated within 7 days to ensure proper adhesion of the finish coat.
- A minimum of 2 mils dry film is required on clean ferrous metal surfaces for adequate corrosion resistance. Additional dry film build may be necessary depending on surface and/or exposure conditions. For severe exposure conditions, apply two coats of **BLOC-RUST® Premium (BRPR00)** for best corrosion protection.
- **BLOC-RUST® Premium Red Oxide (BRPR00-2-RO)** is the recommended first coat under darker color topcoats.
- Do not apply when the relative humidity is above 80% during the first 24 hours of drying, as this can impact the performance of the primer.
- Do not apply when the air or surface temperature is below 50ºF.

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PRODUCT INFORMATION

USE AS A PRIMER FOR

METAL

Ferrous:	**BLOC-RUST® Premium White (BRPR00-WH)** or **BLOC-RUST® Premium Red Oxide (BRPR00-RO)**
Non-ferrous:	**BLOC-RUST® Premium White (BRPR00-WH) or BLOC-RUST® Premium Red Oxide (BRPR00-RO)**
Galvanized steel:	**ENDURAPRIME® Galvanized Metal Primer (ENGM00)** or ***ULTRA-GRIP® Premium (UGPR00)**

**for incidental use on galvanized*

***This product has been tested and certified by Coatings Research Group Inc., an international paint industry-organized ISO-accredited testing laboratory, to meet performance and environmental standards as shown on www.greenwisepaint.com. Dunn-Edwards is a member of CRGI.*

HEALTH & SAFETY CAUTIONS! INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N100 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• KEEP OUT OF REACH OF CHILDREN •

Ingredient (CAS #): Water (7732-18-5); Alkyd Resin (63148-69-6); Kaolin Clay (1332-58-7); Talc, Non-Asbestos (14807-96-6); Red Iron Oxide (1309-37-1).

⚠ **WARNING:** Cancer and Reproductive Harm – www.P65Warnings.ca.gov