

# technical Information

#6801



## ProTek-**OXIPRIME™** RED IRON OXIDE PRIMER AND SEALER

### PRODUCT DESCRIPTION

**OXIPRIME™** is revolutionary, new, multi-purpose, waterborne latex, red iron oxide primer sealer. Designed to protect metals from rusting during storage or erection, and for general maintenance to retard the spreading of presently rusted metals. Formulated with a blend of environmentally acceptable Zinc and corrosion resistant pigments in a 100% Acrylic Waterproofing Resin base. A safe, low V.O.C. mixture for interior or exterior use which maintains the same level of performance as the "old" Red Lead and Zinc Chromate Primers. **OXIPRIME™** has excellent adhesion to most any metal surface plus provides excellent waterproofing and chemical resistance. All the advantages of solvent based products without the use of hazardous solvents. Easy application and clean up while still wet with soap and water. Can be top coated with most any latex paint or coating.

### PRODUCT USES

**OXIPRIME™** can be used for interior or exterior applications, including metal roofs. Excellent adhesion to aluminum, steel, galvanized, ferrous and other metals in normal chemical environments. Excellent for both new construction and renovations on industrial, commercial and residential applications.

### BENEFITS

- *Excellent Adhesion to most any Metal*
- *Excellent Rust & Corrosion Resistance*
- *Encapsulates and Retards Active Rust*
- *Non-Toxic & Heavy Metal Free*
- *Easy to Apply & Cleans with Water*
- *Waterproofs & Resists Flash Rusting*
- *ENVIRONMENTALLY FRIENDLY*

### SURFACE PREPARATION

For proper adhesion and maximum performance it is essential that the surface is absolutely clean, dry, and free of all scaling rust, mill scale, dirt, grease, wax, oil, chalk, incompatible paint or detergent/chemical films. Rusted metals should be cleaned down to remove all scaling and flaking rust by scraping, wire brushing, sanding or sandblasting. Be sure the surface is thoroughly de-greased and moisture-free before priming.

### APPLICATION PROCEDURE

Stir well. **OXIPRIME™** is quite thick so it can hold the high solids of zinc and red iron oxide pigments in suspension. If thinning is necessary, use water sparingly, not exceeding 8 ounces per gallon of primer. Only thin amount of product to be used within 24 hours or settling of pigments may occur. If possible, **OXIPRIME™** should be applied "as is" from the container, **WITHOUT** thinning. Apply at temperatures above 40°F and when primer will not be subjected to rain or heavy dew before it has had a chance to dry (approx. 2-4 hours). Apply with short nap roller, brush or with a 1-gallon (or more) per minute piston type airless sprayer with a minimum tip size of .027. Remove all line and gun filters before spraying. Apply uniformly. Do not leave any puddles. Two coats are required. The first coat may show some flash rusting, but the second coat will completely encapsulate all active oxidation. Preferably, two coat the entire surface area and greatly reduce any possibility of future rust. Wait at least 12 hours before applying a second coat. Dry times will vary depending on weather.

### REQUIRED APPLICATION on Surfaces with:

**40% Rust or Corrosion:** - apply 2 Full Coats

**10 -40% Visible Rust or Corrosion:-** 1 Spot- Prime Coat PLUS 1 Full coat over entire surface

**Less than 10% Rust:** 2 Spot Prime coats

*Spot coating must extend 1 foot past the perimeter of the affected areas.*

### PHYSICAL PROPERTIES

**FINISH:** .....Flat

**COLOR:** .....Brownish Red

**DRY TIME:** @ 77°C -50% RU

**TO TOUCH:** ..... 2 Hours

**RECOAT:** .....6 Hours

**FULL CURE:** ..... 5 to 7 Days

**REQUIRED THICKNESS.....**1 Coat – 8 Dry Mil

.....2 Coats – 15 Dry Mil

**VEHICLE TYPE:** .....100% Acrylics

**SOLIDS by WEIGH.....**79% +/- 2%

**V.O.C.'s:** .....195.6 gram/liter (1.63 lbs. /gal.)

**GALLON WEIGHT:** .....11.9lbs. +/-

.3lbs. **CONTAINER SIZES:** ..... 1Gal.

5Gal. 55Gal

**SPREAD RATE:**.....100-150 (maximum) sq.ft./gal.

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