

## 201 Red Oxide Primer

### Production Description

A single pack quick drying primer based on modified alkyd with anticorrosive pigments (red iron oxide). The product can protect steel surfaces in moderate corrosive environments. It offers good leveling coverage and adhesion on steel substrate. It is an economical anti-corrosive primer for general applications.

### Areas of Application

Recommended as a primer for protection of structural steel and equipment in industrial and marine environment. Suitable for interior and exterior use.

### Technical Data

Colour	Red Oxide
Solvent Resistance	Good
Toxicity	Dry film is not toxic
Thinning & Clean Up	Omega Enamel Thinner. Up to 10% thinner for spraying
Theoretical Coverage*	12 sq.m. / litre at 35 microns DFT, depends on surface profile*
Drying Time (at 25 C & RH 60%) **	Touch dry in 20 minutes ** / Recoat after 12 hours**
Sheen Level	Matt
Packs available	4 litre and 20 litres (other sizes on request)

\*Practical coverage depends on surface profile, method of application and dry film thickness. Higher film thickness leads to lower coverage.

\*\* Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times.

### Method of Application

Can be applied by brush, roller or spray. Please use the method best suited to your requirement and skill.

### Surface Preparation

Remove all surface rust, loose and flaking / peeling paint, and sand back coating edges. Ensure surface is clean, dry and free from dust, grease, oil and all other surface contamination. Lightly rusted surfaces should be rubbed down with a wire brush or abrasive paper back to bare metal. OMEGA Red Oxide Metal Primer must be applied as soon as the treated surface is thoroughly dry. If the treated surface is affected by rain or left overnight and exposed to dew, the surface will have to be re-cleaned before applying the primer.

Note: Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times Do not apply when surface temperature is below 10 °C or above 35 °C

### Application

Stir contents thoroughly using a broad flat stirrer, using up an upward lifting action. before and during use.

For brush and roller, apply a full coat. A high film build is desirable and will improve the anti-corrosive properties considerably. If the surface is to be left exposed for some months before topcoating, a second coat of OMEGA red Oxide is recommended after overnight drying. Up to 50 ml per litre of mineral turpentine may be added to ease application.

For airless and conventional spray, the product is suitable for application by all standard spray equipment. If necessary, thin with OMEGA Spraying Thinner with up to 30 ml per litre for airless and 125 ml per litre for conventional spray.

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### Mix and Colour Check

Mix the paint before application with a wide flat (25mm) paddle or a hand paint mixer with a perforated base, in a circular lifting motion from the bottom of the container for 5 minutes or until the paint and colour are thoroughly mixed. Remix the paint every 2 hours to ensure product consistency. Check colour to the colour chart/standard prior to application. Inner mix multiple containers together to ensure colour consistency. Replace and secure container lid during painting to prevent the paint drying within the container.

### Coating Maintenance

Washing the painted surface periodically will maintain the look of a newly painted surface longer. Clean the surface with a diluted sugar soap or a mild detergent and rinse well with clean water. Do not use scouring pads, abrasive brushes, high pressure washing or solvent to clean the painted surface. These will damage the paint film and cause premature failure of the coating.

### Flammability & Transport

- Highly flammable, Dangerous Goods Class 3.2, Flash Point 20 °C, UN 1263, PG III
- Keep away from heat and flame, eliminate any source of ignition.
- Soak all used cloths and rags immediately in water to prevent self-ignition.
- Ensure container is upright with lid secure.
- Ensure the container is secured in the vehicle for transport.

### Environmental

- Do not wash painting equipment and allow waste to enter drains and water ways.
- Do not dispose of unwanted paint and thinners that will enter drains and water ways.
- Refer to state / local EPA and council web sites for environmental and safe disposal details.

### Safety & Precautions

- Do not apply when surface temperature is below 10 °C or over 35 °C
- Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.
- Apply in calm fine weather conditions and only during daylight hours.
- Cease painting 2 hours before sunset or if weather changes are forecast.
- Use only the recommended thinner for dilution and cleaning.
- Check paint colour to the colour chart/standard prior to application
- Provide adequate ventilation during use.
- Keep out of reach of children
- Avoid exposure of the new paint film to steam for 48 hours and to washing or scrubbing for 7 days.
- Check crosscut adhesion test of old coating before repainting.
- Apply a test sample for compatibility of this product over a small test area.

Disclaimer: In lieu of all warranties expressed or implied, the seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither the seller nor manufacturer shall be liable for any injury, loss, damage, direct or consequential, arising out of the use of or inability to use this product. Since the use and application of this product is beyond the control of the seller and the manufacturer, the purchaser and user assume all risk and liability whatsoever, in connection with this product therewith.