

PRODUCT DATASHEET

OMEGA UNIKYD SUPERIOR Red-Oxide Primer 2115

General Description

A premium quality, superior performance anti-corrosive primer, based on alkyd resin for the protection of steel and metal surfaces against moderate corrosive environment. This product provides excellent long-term corrosion control and outstanding adhesion and leveling properties.

Recommended Use

As a general purpose primer for interior and exterior steel in mild to moderate corrosive environment. Ideal for use on metal substrates such as structural steel, metal buildings, fences, equipment, stairs, railings and general maintenance.

Two coats of primer may be required in severe cases; allow the primer to dry thoroughly for best results.

Features

- ✓ Excellent hiding, rust preventative alkyd-based red-oxide prime coating for steel and ferrous metals
- ✓ Excellent corrosion resistance, adhesion and leveling properties, with superior quality generated by this formula to add years of protection to the coating life

Limitations

The minimum allowable substrate temperature is 10 °C. Maximum service temperature to dry is 60 °C. Maximum humidity during application and curing is 85% and dew point above 3 °C.

Not recommended for immersion service, splash or spillage of acids, alkalis or strong solvents.

Technical Data

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| Color | Red-Oxide |
| Finish | Flat |
| Vehicle Type | Alkyd Enamel |
| Pigment Type | Red-Oxide |
| Volatile Organic Compounds (VOC) | 353 gm/Ltrs |
| Solids Contents | 55% +/- 2% by volume 70% +/- 2% by weight |
| Dry Film Thickness (DFT) | Dry: 50 µm / 2.0 mils (indicative) Wet: 90 µm / 3.6 mils |
| Dry Time | To touch: 4 hours To recoat: 24 hours (30 °C) High humidity and cool temperatures will result in longer dry, recoat and service time |
| Dries by | Evaporation |
| Theoretical Spreading Rate (TSR) at Dry Film Thickness | 11m ² per liter (depending on the nature and condition of the substrate) |
| Viscosity | 85-95 KU |
| Flash Point | 40 °C / 104 °F |
| Specific Gravity | 1.30 – 1.40 gm/cm ³ |
| Surface Temperature at Application | Minimum allowed is 10 °C Maximum humidity during application and curing is 85% and dew point above 3 °C |
| Thin With | Omega White Spirit 9000, 5-25% |
| Clean Up Thinner | Omega Clean Thinner 9011 |
| Available Package Size | 1 USG, 5 USG |
| Shelf Life | 12 months, sealed and kept at normal temperature (not in direct sunlight) |

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Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, mill scale, form release agents, curing compounds, loose and flaking paint and other surface contaminants.

New Steel Surfaces: For best results, abrasive blast up to standard (Sa 2) according to ISO 8501-1:1988. For mild conditions, a hand or power tool cleaning (St 3) may be satisfactory, but performance is dependent upon the degree of surface preparation.

Previously painted surfaces: Wash and rinse any areas that may have oil or grease residue. Dull glossy surfaces by lightly sanding. Remove sanding dust. Remove loose paint. All areas that are rusting, blistering, cracking or peeling must be cleaned to bare metal. If more than 25% of the surface is involved, sandblast the entire surface to a commercial blast and prime. If less than 25% of the surface is involved, clean spoiled areas and spot prime.

WARNING: If you scrape, sand or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear an approved respirator to control lead exposure. Carefully clean up with a vacuum and a wet mop.

Application Method

Stir thoroughly before and during use. Apply one or two coats by brush or roller, using a natural bristle brush or rolled using a 3/8" lamb's wool or 1/4" to 1/2" synthetic roller cover. Roll in one direction, rewet, then cross roll. This product can also be applied using air spray, with recommended nozzle orifice of 1.5mm and nozzle pressure of 2-3 bar / 28-42 psi.

NOTE: Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner.

System Specification

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. This product can be top coated with strong, solvent-based coatings such as Omega Unikyd and Omega Unikyd Superior topcoats.

Storage and Handling

The product must be stored in accordance with national regulations and should be kept in a cool and well ventilated place. Protect from heat and direct sun light, handle with care and stir well before use.

Health and Safety

Apply under well-ventilated conditions. Do not breathe or inhale mist. When applying, wear air-mask and avoid skin contact. Spillage on skin should be immediately removed with suitable cleanser, soap, or water. Eyes should be well flushed with water and medical attention to be sought immediately.

Disclaimer

The information is given in good faith. We warrant our product is of good quality and manufactured in accordance to rigid standards. Failure of this product due to misuse or bad storage is beyond the manufacturer warranty. The company pursues a policy of continuous improvement in product innovation, and as such, reserves the right to change the given data without prior notice. Contact Omega's representative or visit www.omegapaints.net for more info.

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