

PRODUCT DATASHEET

OMEGA UNIKYD SUPERIOR Wood Primer 2150

General Description

A premium quality, superior performance alkyd-based wood primer ideal for sealing new or previously coated wood. It provides excellent stain blocking with excellent adhesion properties.

Features

- ✓ Seals uniformly
- ✓ Excellent adhesion properties
- ✓ Excellent stain suppressor
- ✓ Ideal for tannin-rich woods

Recommended Use

For interior and exterior priming of new or previously coated wood for light and dark color stains and where cedar and redwood bleeding may be a problem.

Limitations

The minimum allowable substrate temperature is 10 °C. Moisture content must be below 17%. Maximum humidity during application and curing is 85%, and dew point above 3 °C

Technical Data

Color	White
Finish	Flat
Vehicle Type	Alkyd Enamel
Pigment Type	Titanium Dioxide
Volatile Organic Compounds (VOC)	366 gm/Ltrs
Solids Contents	53% +/- 2% by volume
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: min. 8 hours (30 °C) Full cure after 7 days High humidity and cool temperatures will result in longer dry, recoat and service time
Dries by	Evaporation, Oxidation
Theoretical Spreading Rate (TSR) at Dry Film Thickness	10.5m ² per liter (depending on the nature and condition of the substrate)
Viscosity	85-95 KU
Flash Point	40 °C / 104 °F
Specific Gravity	1.40 – 1.50 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	24 months, sealed and kept at normal temperature (not in direct sunlight)

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Surface Preparation

Surfaces must be clean, dry and free of oil, grease, wax, rust, mildew, chalk, and loose or scaling paint. Cement based water proofing paints must be removed. Glossy surfaces must be dulled. Un-weathered areas such as eaves, porch ceilings, overhangs and protected wall areas should be washed with Omega Clean Thinner 9011 and rinsed with a strong stream of water from a garden hose or power washer to remove contaminants that can interfere with proper adhesion. Stains from mildew must be removed by cleaning with Omega Clean Thinner 9011 prior to coating the surface.

Wood substrates must be thoroughly dry. Smooth planed clapboards or siding must be sanded thoroughly to break the "mill glaze" allowing proper penetration and adhesion.

Difficult Substrates: Omega offers a number of specialty primers for use over difficult substrates such as grease stains, crayon markings, hard glossy surfaces, galvanized metal, fresh masonry or other substrates where paint adhesion or stain suppression is a particular problem. Your Omega Paints® retailer can recommend the right problem-solving primer for your special needs.

Application Method

Stir thoroughly before and during use. Apply one or two coats by brush or roller, using a custom-blended bristle or nylon/polyester brush. 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 used on top of Omega Unikyd Superior Undercoat 2110 or Omega Unikyd Undercoat 2112. 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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