

PRODUCT DATASHEET

OMEGA UNICEL Wood Primer 2310

General Description

A high quality, single component nitrocellulose-based fast drying versatile primer with inert fillers and titanium dioxide, widely used for the furniture industry. This product combines the high adhesion power and easiness of sanding, while it remains smooth and flexible.

Recommended Use

Excellent for all types of wood, plywood, veneer, chipboard, and metal surfaces.

Features

- ✓ Single component nitrocellulose-based primer
- ✓ Versatile primer used for the furniture industry
- ✓ Excellent adhesion and easiness of sanding
- ✓ **Applicable by conventional air spray**

Limitations

Do not apply this product if the relative humidity exceeds 85% or the substrate temperature is within 3 °C of the dew point. Maximum service temperature, dry: 80 °C / 175 °F

Technical Data

Color	White and Light-Grey
Finish	Flat
Vehicle Type	Nitrocellulose
Pigment Type	Titanium Dioxide
Volatile Organic Compounds (VOC)	560 gm/Ltrs
Solids Contents	37% +/- 2% by volume
Dry Film Thickness (DFT)	Dry: 50 µm Wet: 132 µm
Dry Time	To touch: 20 minutes To recoat: min. 30 minutes (30 °C), max. no limitations High humidity and cool temperatures will result in longer dry, recoat and service time
Dries by	Chemical Cure – full cure after 6 days
Sanding Time	30 minutes (20 °C)
Theoretical Spreading Rate (TSR) at Dry Film Thickness	7.5m ² per liter (depending on the nature and condition of the substrate)
Viscosity	110-135 KU
Flash Point	23 °C / 72 °F
Specific Gravity	1.30 – 1.40 gm/cm ³
Surface Temperature at Application	Do not apply this product if the relative humidity exceeds 85% or the substrate temperature is within 3 °C of the dew point
Thin With	Omega Unicel Premium Thinner 9010 or Omega Unicel Thinner 9012
Volume of Thinner	70-75% diluted to viscosity cup, 20-25 seconds in B4 cup
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, and flaking paint and other surface contaminants.

Glossy surfaces must be dulled. Un-weathered areas should be washed 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 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 Paints 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.

Contact Omega Paints® representative for products that provide protection over less than ideal surfaces.

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

Apply one or two coats of Omega Unicel Wood Primer and use a smooth emery paper to sand the surface. After drying, apply the appropriate finish coat.

System Specification

This product is used best with Omega Unicel coat systems. Use the appropriate sanding sealer or primer depending on substrate and corrosive condition / environment.

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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