



WOOD FINISHING SYSTEMS

M.L. Campbell  
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# Product Information (PI) Sheet

**Product:** High Performance WB Production Lacquer White/Opaque

<b>Codes:</b>	<b>W129554</b>	
	<b>Satin</b>	

**Description:** High Performance Water Borne Production Lacquer White/Opaque is a GREENGUARD certified, technically advanced pigmented water borne topcoat designed for interior commercial and residential wood millwork, furniture and display fixtures. HP Water Borne Production Lacquer White/Opaque is based on European acrylic copolymer resin technology that passes all KCMA as well as AWI Chemical and Moisture Resistance tests. It also offers a fast dry, low VOC, HAPs Free formula which provides trouble free production application as well as a very smooth appearance and touch.

**Uses:** For use on commercial and residential millwork, furniture and display fixtures.

**Other Products:** For primer requirements, see M.L. Campbell W129599 High Performance Water Borne Production Primer.

Physical Properties (packaged)	
<b>Weight per Gallon:</b>	9.90 ± 0.2 lbs.
<b>Viscosity - Ford #4 at 77°F/25°C:</b>	40-60 seconds
<b>% Solids - by Weight:</b>	48.50 ± 2.0
<b>% Solids - by Volume:</b>	37.75 ± 2.0
<b>Theoretical Coverage at 1 Mil Dry:</b> <small>(Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.)</small>	605 sq. ft. per gallon
<b>Flash Point (PMCC):</b>	499°F or 260°C
<b>Color:</b>	White/Opaque
<b>Sheen (60° Glossmeter):</b>	Satin: 35±2, Semi-Gloss: 65±2, Gloss: 80+
<b>Packaged VOC:</b>	175 g/l (1.41 lbs./gallon)
<b>Photochemically Reactive:</b>	No

Surface Preparation	
<b>New Work:</b>	Remove any dirt, grease or other contamination and sand as required.
<b>Old Work:</b>	Remove any dirt, grease, or other contamination from surface. Sand well to improve adhesion.

Reduction
No reduction is required. However, small amounts of clean water may be used for specific equipment. Over-thinning due to the high solids content of this product can cause sags. Thinning should be limited to 5% maximum.

Tinting
High Performance Water Borne Production Lacquer White/Opaque can be tinted with Pratt & Lambert colorants, up to 8 ounces per gallon maximum.



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Application Procedure

All surfaces should be properly sanded. On wood or MDF, apply High Performance Water Borne Production Lacquer White/Opaque. Scuff sand between coats. Topcoat as required using one or two coats High Performance Water Borne Production Lacquer White/Opaque. Wet film application should be 4 – 5 wet mils per coat. Total dry film thickness should not exceed 5 mils.

Refer to spray equipment suppliers, recommendations for fine lacquer atomizing spray guns, air caps, and fluid needles.

Note: Hot spray application is not recommended. Apply using only stainless steel or plastic spray equipment. Before application, surface and air temperature should be a minimum of 60° F or 15° C.

Equipment Clean Up

- All equipment should be flushed with warm water or water/alcohol immediately after use.
A subsequent flush with alcohol will ensure all moisture is removed from equipment.

Drying Times (at 77°F or 25°C)

Table with 2 columns: Drying Type and Time. Rows include Dry to Touch (20 minutes), Sanding Dry (30 minutes), and Stacking Dry (6 hours).

Packaging

Available Units: Gallons and Pails

Shelf Life and Storage

- Freezable – store in airtight containers.
Protect from temperature extremes.
Shelf life is 3 years.

B/L Description

Table with 3 columns: Paint and Related Material, NOIBN, and Protect From Freezing.

Caution

- THESE PRODUCTS ARE DESIGNED FOR SHOP APPLICATION AND PROFESSIONAL USE ONLY.
Use only after all safety information is understood.
Refer to the Material Safety Data Sheet (MSDS) for additional information.

Testing

Due to the wide variety of substrates, surface preparation methods, application methods, and environments, customers should test the complete system for adhesion and compatibility under their conditions prior to full-scale application.

Notes

The information, rating, and options stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application that are not known or under our control, M.L. Campbell cannot make any warranties as to the end result. Thank you for using M.L. Campbell Wood Finishing products.