



WOOD FINISHING SYSTEMS

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Product Information (PI) Sheet

Product: AQUAFI™ WB UNIVERSAL PRIMER

Code(s): W41259

Description: AQUAFI™ WB UNIVERSAL PRIMER, is a fast drying, easy-to-sand water borne primer made with a unique acrylic polymer, creating an ideal smooth basecoat to achieve adhesion under various MLC solvent borne and water borne topcoats.

Uses: As a primer / undercoater on unfinished MDF and softwoods such as pine and cedar. Also, ideal for application on hard woods such as oak, poplar, birch and maple.

Other Products: All M.L. Campbell top-coat systems.

Physical Properties (packaged)
Weight per Gallon: 12.60 ± 0.25 lbs./gal
Viscosity - Ford #4 at 77°F/25°C: 40 ± 5 seconds
% Solids - by Weight: 64.0 ± 2
% Solids - by Volume: 45.0 ± 2
Theoretical Coverage at 1 Mil Dry: 716 ± 25 sq. ft per gallon
Flash Point (PMCC): Not Combustible
Color: White
Sheen (60° Glossmeter): N/A
Packaged VOC: 12 g/l (0.10 lbs./gallon) ± 5 %
Photochemically Reactive: No

Surface Preparation
New Work: Remove any dirt, grease or other contamination and sand as required.
Old Work: Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.

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 and potentially reduce stain-blocking properties. Thinning should be limited to 5%.

Tinting
AQUIFI™ WB UNIVERSAL PRIMER can be tinted with GIW, Pratt & Lambert or Puratoner WB colorants, up to 3 ounces per gallon maximum.

Application Procedure

All surfaces should be properly sanded. On wood or MDF, apply one or two coats of AQUIFI WB UNIVERSAL PRIMER. Wet film application should be 4 – 5 wet mils per coat. Scuff sanding between coats is recommended. Any M.L. Campbell® water-borne or solvent topcoats can be applied over AQUIFI WB UNIVERSAL PRIMER. If using solvent borne topcoat ensure primer is thoroughly dry (min. 2 hours dry time at 4-5 wet mils and at 75F and 50% humidity). Lower temperatures and higher humidity will extend dry times.

When using AQUIFI WB UNIVERSAL PRIMER as a white primer under a clear topcoat, it is recommended to use Non-Yellowing Clear Conversion Varnish to minimize yellowing.

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 material, surface and air temperatures should be a minimum of 65° F or 18° 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)

Dry to Touch:	10-20 minutes
Sanding Dry:	30-40 minutes
Stacking Dry:	8 hours

Packaging/Shipping

Available Units: Gallons Pails, and Drums

Shelf Life and Storage

- Protect from freezing and other temperature extremes. This product is unusable if frozen.
- Store in airtight containers
- Shelf life is (1) one year.

B/L Description

Paint and Related Materials	NOIBN	Protect From Freezing
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Caution

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