

Product Information (PI) Sheet

Product: AQUAFI™ WB UNIVERSAL PRIMER NEUTRAL | CLEAR

Code(s): 000V41259

Description: AQUAFI™ WB Universal Primer Neutral | Clear is a fast drying, easy-to-sand water borne neutral / clear primer made with a unique acrylic polymer, creating an ideal smooth basecoat to achieve adhesion under various MLC solvent borne and water- borne topcoats. Unique properties include, High solids, Quick build, Good wet-out and hang, Fast dry-to-sand, and is Low VOC, GREENGUARD certified.

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 MLC Products: Compatible under all M.L. Campbell top-coat systems. For stain requirements, see M.L. Campbell **WoodSong II Series Water-borne Stains** and **Azoton Dyes, Arroyo 1K AquaFi Clear.**

Physical Properties (packaged)

Weight per Gallon:	11.40 ± 0.25
Viscosity - Ford #4 at 77°F/25°C:	45 ± 5 Seconds
% Solids - by Weight:	55 ± 2.0%
% Solids - by Volume:	39 ± 2.0%
Theoretical Coverage at 1 Mil Dry: (Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.)	610 ± 20 SQ FT / GAL
Flash Point (PMCC):	499 °F or 259 °C
Color:	Milky Translucent Hazy Clear
Sheen (60° Glossmeter):	N/A
Packaged VOC:	20 ± 5 g/l (0.16 lbs./gallon)
Volatile HAPS (lbs./lbs. of solids):	0.00 lbs./lbs.
Photochemically Reactive:	No

Surface Preparation

New Work:	Remove any dirt, grease or other construction contamination from surface. Sand wood as required.
Old Work:	Remove any dirt, grease, or other contamination from surface. Sand well to improve adhesion. If cratering develops, WR4 Latex (W) Anti-Cratering Additive may remedy this problem, if the contamination is not too severe.



WOOD FINISHING SYSTEMS

M.L. Campbell
224 Catherine Street
Fort Erie, Ontario L2A 0B1 Canada
Tel: 1 (800) 364-1359
Web: www.mlcampbell.com

Reduction

AQUAFI™ WB Universal Primer Neutral | Clear does not require reduction but can be thinned with distilled water (use very small amounts at a time). Thinning should be limited to 3-5%. Over thinning can cause sags due to high solids content of product. To extend open time, WR7025 Super Extender can be used as needed for improved leveling in high heat / humid environments (up to 3% / 4 oz. max).

Tinting

AQUAFI™ WB Universal Primer Neutral | Clear can be tinted with up to 10 ounces of ML Campbell GIW Industrial Colorants. NOTE: The use of excessive colorant will weaken the film integrity.

Application Procedure

All surfaces should be well sanded. Scuff sanding between coats is necessary. Remove all sanding dust before proceeding with finishing. Always agitate thoroughly before application. AQUAFI™ WB Universal Primer Neutral | Clear is highly recommended as a first seal coat. Wet mil film application should be 3 to 4 mils per coat. Sand AQUAFI Clear Universal Primer using 280-320 grit sandpaper prior to topcoat application. Do not sand through the primer or an additional coat may be required. Always sand just prior to recoating.

Refer to spray equipment suppliers, recommendations for fine lacquer atomizing spray guns, air caps, and fluid needles. Note: Hot spray application is not recommended. If hot spray equipment is used, temperature settings should never be over 110°F or 43° C. Apply using only stainless steel or plastic spray equipment. If aluminum equipment is used, some oxidation may occur. Before application, surface and air temperature should be a minimum of 65° F or 18° C.

Equipment Clean Up

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

Drying Times (at 77° F or 25° C)

Table with 2 columns: Drying Type, Time. Rows: Dry to Touch (20-30 minutes), Sanding Dry (30-40 minutes), Stacking Dry (4 - 6 hours)

Packaging/Shipping

Table with 2 columns: Category, Description. Rows: Available Units (Gallons and Pails), Shipping Caution (Restrictions for shipments of freezable materials)

Shelf Life and Storage

- Freezable – store in airtight containers.
Protect from temperature extremes.
Shelf life is 18 months.

DOT Classification

Table with 3 columns: Material Type, DOT Code, Hazard. Row: Paint and Related Material, NOIBN, Protect From Freezing





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Caution

- **M.L. CAMPBELL PRODUCTS ARE DESIGNED FOR PROFESSIONAL USE ONLY.**
- Use only after all safety information is understood.
- Refer to the assigned Safety Data Sheet (SDS) 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 result. ***Thank you for using M.L. Campbell Wood Finishing products.***