

Product Information (PI) Sheet

Product: Arroyo™ Stain-blocking Water Borne White Primer**Code(s):** W140959

Description: Arroyo™ Stain-Blocking WB White Primer is a GREENGUARD certified, fast drying, easy sanding water borne white primer made with a very unique all acrylic polymer that has built in functionality to help prevent tannin / stain migration. Special polymers lock in water-soluble tannins to help prevent them from bleed through while also creating an ideal smooth basecoat for water borne or solvent borne pigmented topcoats.

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

Other Products: All ML Campbell topcoats both water-borne and solvent-borne.

Physical Properties (packaged)	
Weight per Gallon:	11.08 ± 0.25 lbs./gal
Viscosity - Ford #4 at 77°F/25°C:	40 - 50 seconds
% Solids - by Weight:	57.0 ± 2
% Solids - by Volume:	43.0 ± 2
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.)	685 sq. ft per gallon
Flash Point (PMCC):	Not Combustible
Color:	White
Sheen (60° Glossmeter):	N/A
Packaged VOC:	42g/l (0.35lbs/gallon) ± 3%
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 5-10%.

Tinting
Arroyo™ Stain-blocking WB Primer White can be tinted up to 3 ounces per gallon (maximum) with GIW or Puratoner colorants.

Application Procedure

All surfaces should be properly sanded. On wood or MDF, apply one or two coats of Arroyo™ Stain-blocking WB White Primer. Two coats are recommended for maximum tannin blocking. Wet-film application should be 4 – 5 wet mils per coat. Scuff sanding between coats is recommended. Topcoat as required using Arroyo™ 1K Pigmented White or other water-borne or solvent-borne finishes. If using solvent borne topcoat, ensure primer is thoroughly dry (min. 2 hours dry time at 4-5 wet mils and at 75°F and 50% humidity). Lower temperatures and higher humidity will extend dry times.

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:	20-30 minutes
Stacking Dry:	4 hours

Packaging/Shipping

Available Units: Gallons and Pails.

Shelf Life and Storage

- Protect from freezing and other temperature extremes. This product is unusable if frozen.
- Store in airtight containers
- Shelf life is 18 Months.

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.*