

Product Information (PI) Sheet

Product: ARROYO[®] 2K WB POLYURETHANE PIGMENTED TC

Code(s):	W38571 Flat	W38572 Dull	W38574 Satin	W38578 Gloss
-----------------	-----------------------	-----------------------	------------------------	------------------------

Description: ARROYO[®] 2K WB POLYURETHANE PIGMENTED TOPCOAT WHITE is a very durable GREENGUARD certified acrylic water-borne polyurethane formulas that are easy to use and provide a low VOC, self-sealing, HAPs- free, yellowing resistant, two-component Clear Pigmented Topcoat.

ARROYO[®] 2K WB POLYURETHANE PIGMENTED TOPCOAT WHITE is made with unique WB resins compatible with a stir-in water-borne compatible cross-linking catalyst (**C32877-DP**) for outstanding chemical, moisture resistance, and produces early hardness development.

Uses: For use on interior kitchen and bathroom cabinets, dormitory, household and office furniture, tabletops, commercial millwork and display fixtures.

Other Products: W41259 Aqui-Fi™ Universal Primer or W140959 Arroyo[®] 1K Under-coater
C38277-DP 2K WB Polyurethane Catalyst

Physical Properties		
	Product (Packaged)	Blended Product (Catalyzed)
Weight per Gallon:	10.04 ± 0.2	9.98 ± 0.2
Viscosity - Ford #4 at 77°F/25°C:	40-50	30-40 (approximate)
% Solids - by Weight:	44.3 ± 2.0	45.3 ± 2.0
% Solids - by Volume:	32.6 ± 2.0	33.9 ± 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.)	523 ± 5 Sq. Ft. Per Gallon	543 ± 5 Sq. Ft. Per Gallon
Flash Point (PMCC):	459°F (259°C) ± 2%	
Color:	Milky White	
Sheen (60° Glossmeter):	Flat 9±2, Dull 15±2, Satin 35±2, Gloss 70+	
Packaged VOC:	117.0 g/l (0.97 lbs./gallon)	129.0 g/l (1.08 lbs./gallon)
Photochemically Reactive:	No	

Surface Preparation

New Work:	Remove any dirt, grease or other construction contamination from surface. Sand wood as required – 220 grit, scotch-brite.
Old Work:	Remove any dirt, grease, or other contamination from surface. Sand well to improve adhesion.

Mixing and Catalyzing

ARROYO® 2K WB POLYURETHANE PIGMENTED TOPCOAT WHITE must be catalyzed with **2K WB Polyurethane Catalyst C38277-DP** at the ratio of 100 parts base product to five parts catalyst (5% catalyst by volume or weight). Weigh or measure catalyst then pour into product **while stirring**. **Let the mixture sit with a loosely covered lid for a minimum of 5-10 mins to release CO2 created during catalyzation and avoiding air entrapment. The viscosity of the product should now be thin enough to spray.** Once catalyzed the product has **up to 4 hours pot-life** under normal conditions. If spraying your final coat when near the end of the pot-life you may want to filter the product before spraying to avoid any contamination caused by previous handling of product or exposure to open air.

Reduction

No reduction is required. After catalyzing, product viscosity may drop 5-10 seconds. If required, small amounts of clean water may be used for specific equipment. Over-thinning due to the high solids nature of this product can cause sags. Thinning should be limited to 5% maximum.

Application Procedure

Sand wood using 220 grit sandpaper, as required. **ARROYO® 2K WB POLYURETHANE PIGMENTED TOPCOAT WHITE** can be used as a self-sealing system or prime with either **W41259 Aqwi-Fi™ Universal Primer** or **W140959 Arroyo® 1K Undercoater**. Apply 2 coats (3 if self-seal) of **ARROYO® 2K WB POLYURETHANE PIGMENTED TOPCOAT WHITE** at 4-6 wet mils per coat. Sand with 320, Fre-cut (no fill) type sandpaper between first and second coat. Sand with 320 and then very fine scotch brite between second and third coat. Always sand just prior to recoating. The total dry film build should be at least 3 mils and should not exceed 6 dry mils.

To obtain the highest level of chemical resistance, let product cure for a minimum of 7 to 10 days before use in a harsh chemical environment, i.e. bar or tabletop use.

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 65° F or 18° C.

Equipment Clean Up

- All equipment should be flushed with warm water, water/alcohol or Gun & Line Cleaner Concentrate GLC10 immediately after use.
- A subsequent flush with alcohol will ensure all moisture is removed from equipment.
- Catalyzed material mixture can be left to sit out and dry solid, then throw out.

Drying Times (at 77° F or 25° C)

Dry to Touch:	40-45 minutes
Sanding Dry:	60+ minutes
Stacking Dry:	10 Hours Minimum

Packaging/Shipping

Available Units: Gallons and Pails. (Restrictions for shipments of freezable materials.)

Shelf Life and Storage

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

B/L Description

Paint and related material

NOIBN

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.*