



WOOD FINISHING SYSTEMS

RESISTANT™

POST-CATALYZED PIGMENTED VARNISH



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pigmented
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Resistant Post-Catalyzed Pigmented Varnish is a high performance coating system that truly adds value to your furniture and cabinets by producing a finish that combines outstanding looks with exceptional durability. Resistant is a world-class, two-component, amino-alkyd finishing system specially designed for use on furniture, kitchen and bathroom cabinets, and display fixtures.

RESISTANT OFFERS UNIQUE ADVANTAGES:

- The best of North American and European formulating technology
- Ultra low formaldehyde
- No recoat windows – quick cure cycle
- Fast dry – dries much faster than most conventional catalyzed varnish products
- Can be force dried up to 110°F to accelerate the drying cycle
- Exceptional durability and resistance to water, household chemicals and wear by usage
- Available in Satin, Semi-Gloss and Gloss in a white, opaque or clear base
- Available in 1,000 + colors
- Easily applied with conventional spray, airless spray, air assisted airless or HVLP equipment
- Excellent scratch and mar resistance
- High solids formula – 47% - 59%



RESISTANT TEST AND PERFORMANCE CHARACTERISTICS:

Resistant has undergone rigorous quality testing to verify performance and application characteristics. The M.L. Campbell laboratory has formulated Resistant to meet or exceed the required performance levels established by KCMA for finishes. Resistant has been tested utilizing the following ASTM and KCMA test methods: 5 = Excellent, 4 = Very Good, 3 = Good, 2 = Fair, 1 = Poor.

Print Resistance

Purpose: Test the ability of the finish to be print-resistant. No print after 24-hour drying time. Resistant has an Excellent rating of 5.

Hot and Cold Check Resistance

Purpose: Test the ability of the finish to withstand hot and cold cycles for prolonged periods. Passes 20 cycles. Resistant has an Excellent rating of 5.

Cross Hatch

Purpose: Test the ability of the finish to adhere to various substrates and/or finishes. Resistant has an Excellent rating of 5.

Blocking

Purpose: Test the ability of the finish to withstand any finish defects from stacking or packing after 4-hour drying time. Resistant has an Excellent rating of 5.

Wet Heat Resistance

Purpose: Test the ability of the finish to withstand high heat for long periods. Resistant has an Excellent rating of 5.

Edge Soak

Purpose: Test a coating's ability to perform in relation to a coated cabinet door's resistance to detergent and water. Resistant has an Excellent rating of 5.

Chemical Resistance Evaluation

Purpose: Test the ability of the finish to withstand substances typically found in kitchens and bathrooms. Exceeds AWI specifications for household chemical resistance for System 3 post-catalyzed lacquer and System 5 conversion varnish. Contact and dry time of each chemical is in accordance to AWI and KCMA test procedures.

Vinegar	Excellent rating of 5
Lemon Juice	Excellent rating of 5
Orange Juice.....	Excellent rating of 5
Grape Juice	Excellent rating of 5
Ketchup.....	Excellent rating of 5
Coffee.....	Excellent rating of 5
Olive Oil	Excellent rating of 5
Boiling Water.....	Excellent rating of 5
Cold Water	Excellent rating of 5
Nail Polish Remover.....	Excellent rating of 5
Household Ammonia.....	Very Good rating of 4
VM&P Naphtha	Excellent rating of 5
Isopropyl Alcohol.....	Excellent rating of 5
Wine.....	Excellent rating of 5
Windex	Excellent rating of 5
409 Cleaner	Excellent rating of 5
Lysol.....	Excellent rating of 5
33% Sulfuric Acid	Excellent rating of 5
77% Sulfuric Acid	Poor rating of 1
28% Ammonium Hydroxide	Very Good rating of 4
Gasoline	Excellent rating of 5
Murphy's Oil Soap	Excellent rating of 5
Vodka 100 Proof	Excellent rating of 5
1% Detergent	Excellent rating of 5
10% TSP.....	Excellent rating of 5
Ethanol/Water	Excellent rating of 5
Mustard	Very Good rating of 4
Acetone	Excellent rating of 5



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