

M.L. CAMPBELL[®]

WOOD FINISHING SYSTEMS

KRYSTAL[®]

POST-CAT WATER WHITE
CONVERSION VARNISH



Available in VOC compliant formulas.

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WOOD FINISHING SYSTEMS

Krystal Post-Cat Water White Conversion Varnish. M.L. Campbell's Krystal is a new generation of post-catalyzed conversion varnish finishing system that offers the ultimate in durability. Krystal's high solids, water white, non-yellowing formula was specifically designed for interior wood surfaces that are exposed to extreme moisture, heat or household chemicals. This self-sealing system has outstanding application and sanding properties.

KRYSTAL OFFERS UNIQUE ADVANTAGES:

- Water white and non-yellowing
- Post-cat technology and performance
- 42% solids – just two coats will build an excellent finish
- Ultra low in formaldehyde
- Self-sealing formula with outstanding sanding properties
- Excellent adhesion on both closed and open grain substrates
- Excellent mar and scratch resistance
- Exceptional durability and resistance to water and household chemicals
- Application-friendly – can be applied with conventional, airless, air-assisted airless or HVLP spray equipment
- Can be force-dried at 100°F to 150°F to speed the cure cycle
- Fast dry – dries faster than most conversion varnishes for fast “stack and pack”
- Available in Dull, Satin, Semi-Gloss and Gloss lusters; can intermix to vary lusters
- Meets KCMA moisture resistance standards



KRYSTAL TEST AND PERFORMANCE CHARACTERISTICS:

Krystal has undergone rigorous quality testing to verify performance and application characteristics. The M.L. Campbell laboratory has formulated Krystal to meet or exceed the required performance levels established by KCMA for finishes. Krystal 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. Krystal 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. Krystal has an Excellent rating of 5.

Cross Hatch

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

Wet Heat Resistance

Purpose: Test the ability of the finish to withstand high heat for long periods. Krystal has a Very Good rating of 4.

Edge Soak

Purpose: Test a coating's ability to perform in relation to a coated cabinet door's resistance to detergent and water. Krystal 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 5 conversion varnish and System 11 catalyzed polyurethane. 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.....	Excellent rating of 5
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.....	Excellent rating of 5
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.....	Excellent rating of 5
Acetone.....	Excellent rating of 5

Distributed by:



www.mlcampbell.com

For additional information, contact M.L. Campbell, 224 Catherine Street, Ft. Erie, ON L2A 5M9, 1-800-364-1359

MLC25909 5/10 950-0024-000

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