

M.L. CAMPBELL[®]

WOOD FINISHING SYSTEMS

MAGNAKLEAR[™]

PRE-CAT CLEAR CONVERSION COATING



MAGNAKLEAR™

clear
WOOD FINISHING SYSTEMS

MagnaKlear Pre-Catalyzed Clear Conversion Coating. M.L. Campbell's MagnaKlear is a non-yellowing, HAPs free, water white pre-catalyzed amino alkyd conversion coating. MagnaKlear offers outstanding UV resistance and does not yellow under ultraviolet exposure. It is ideal for use over pigmented colors and glazes. MagnaKlear provides a very durable, hand rub, smooth finish and is specifically designed for interior wood surfaces exposed to moisture, heat and household chemicals.

MAGNAKLEAR OFFERS UNIQUE ADVANTAGES:

- Non-yellowing and water white
- Outstanding UV resistance – protects color of wood, stains and pigmented coating underneath
- Hand rub, smooth finish
- Ultra low formaldehyde
- One gun topcoat
- Exceptional film build
- Quick dry to sand and recoat times
- Easily applied with conventional spray, airless spray, air assisted airless spray or HVLP equipment
- Meets AWI TR-4 chemical and moisture resistance standards
- Meets KCMA moisture resistance standards



MAGNAKLEAR TEST AND PERFORMANCE CHARACTERISTICS:

MagnaKlear has undergone rigorous quality testing to verify performance and application characteristics. The M.L. Campbell laboratory has formulated MagnaKlear to meet or exceed the required performance level established by KCMA for finishes. MagnaKlear meets the AWI performance standard TR-4 for chemical and moisture resistance. MagnaKlear 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 dry time. MagnaKlear 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. MagnaKlear has an Excellent rating of 5.

Cross Hatch

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

Wet Heat Resistance

Purpose: Test the ability of the finish to withstand high heat for long periods. MagnaKlear 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. MagnaKlear 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 TR-4 specifications for chemical resistance. 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.....	Very Good rating of 4
Household Ammonia.....	Excellent rating of 5
VM&P Naphtha.....	Excellent rating of 5
Isopropyl Alcohol.....	Very Good rating of 4
Wine.....	Excellent rating of 5
Windex.....	Excellent rating of 5
409 Cleaner.....	Excellent rating of 5
Lysol.....	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.....	Excellent rating of 5
Acetone.....	Very Good rating of 4



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