



WOOD FINISHING SYSTEMS



POLARION[®] X

2K ACRYLIC
EXTERIOR
POLYURETHANE

POLARION® X

2K ACRYLIC EXTERIOR POLYURETHANE

M.L. Campbell® **POLARION® X 2K Acrylic Exterior Polyurethane** is the latest advancement in high-performance wood finishes for entrance doors, garage doors, trim, millwork or any exterior wood surface that needs to resist the toughest weather mother nature serves up. POLARION X is a durable, exterior, polyurethane system of sealers and clear topcoats with a full range of sheens. It's easy to use and manage utilizing just one catalyst and mix ratio. Let the rough weather come. A POLARION X finish is tough enough to take it.

solvent-based

POLARION X 2K Acrylic Exterior Polyurethane offers unique advantages:

- Outstanding scratch, moisture, chemical, and UV resistance—able to withstand harsh exterior conditions
- Non-yellowing, acrylic polyurethane technology
- High solids—aids in coating edge retention
- Excellent sanding and polishing characteristics
- Fast drying to help increase production times
- Extended pot life to increase spray time
- 5:1 mix ratio using one catalyst
- Can also be used for interior applications for superior UV protection

POLARION X 2K Acrylic Exterior Polyurethane performance characteristics:

POLARION X has undergone rigorous quality testing to verify performance and application characteristics. The M.L. Campbell® laboratory has formulated this product to meet or exceed the required performance level established by AWI and KCMA for finishes. This product meets the AWI finishing standard System 11 for chemical and moisture resistance. This product 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. POLARION X 2K Acrylic Exterior Polyurethane 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. POLARION X 2K Acrylic Exterior Polyurethane has an **Excellent rating of 5.**

Cross Hatch

Purpose: Test the ability of the finish to adhere to various substrates and/or finishes. POLARION X 2K Acrylic Exterior Polyurethane has an **Excellent rating of 5.**

Blocking

Purpose: Test the ability of the finish to withstand any finish defects from stacking or packing after 6 to 8 hours drying time. POLARION X 2K Acrylic Exterior Polyurethane has an **Excellent rating of 5.**

Wet Heat Resistance

Purpose: Test the ability of the finish to withstand high heat for long periods. POLARION X 2K Acrylic Exterior Polyurethane has an **Excellent rating of 5.**

Edge Soak

Purpose: Test a coating's ability to perform in relation to resistance to detergent and water. POLARION X 2K Acrylic Exterior Polyurethane 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. POLARION X 2K Acrylic Exterior Polyurethane exceeds AWI specifications for post-catalyzed lacquer 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
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.....	Very Good rating of 4
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	Very Good rating of 4



www.mlcampbell.com

Distributed by:

For additional information, contact M.L. Campbell, 224 Catherine Street, Ft. Erie, ON L2A 1J7, 1-800-364-1359

MLCA 832/17 11/17 950-2137-000