



Chemcraft®

A Great Finish is Only the Beginning



CLEAR 2K
POLYURETHANE

ORA VERDE® CHIARO

ITALIAN HIGH PERFORMANCE MEETS NORTH AMERICAN INGENUITY

ora **Verde®**

VERNICI PER LEGNO



AkzoNobel

ITALIAN HIGH PERFORMANCE MEETS NORTH AMERICAN INGENUITY

High Performance Italian formulations, produced in North America. The ORA VERDE® line has been formulated to deliver superior performance while still meeting strict North American environmental standards. CHIARO is formulated as an ultra clear polyurethane. CHIARO is a highly versatile polyurethane coating with excellent physical properties and chemical resistance. Extremely durable with a great finish feel. An extremely high gloss that yields a wet look. CHIARO has a superior tolerance to impact resistance. Ideal for specialized interior applications such as office furniture, marine interior, cabinetry, store fixtures, and musical instruments, any and all interior wood.

CHIARO Distinct Advantages Over the Competition

CHIARO Polyurethane Topcoat: 436-48XX

- 2:1 mixing ratio
- High solids: 24% by weight / 18% by volume
- Fast dry
- Exceptional clarity and gloss uniformity
- Formaldehyde free
- Provides good sag resistance for vertical hang
- Good chemical resistance
- Can be used over Chemcraft® Promatch® Aqua or Promatch® Dye Stains
- Available in the following sheens: 20 low gloss, 30 satin, 50 semi-gloss & 70 gloss

CHIARO Polyurethane High Gloss Topcoat: 436-4890

- 1:1 Mixing Ratio
- Specifically formulated for high sheen
- Easy to buff and polish
- Extremely durable
- Good chemical resistance
- Wet look depth and clarity

CHIARO Polyurethane Sealer: 436-2305

- 2:1 Mixing Ratio
- Fast dry
- Provides good sag resistance for vertical hang
- Great sandability
- Uniform appearance

CHIARO Polyurethane HS Sealer: 436-2320

- 2:1 Mixing Ratio
- Specifically formulated for superior vertical hang
- Fast dry

CHIARO Performance Test Ratings & Standards

CHIARO meets the quality testing standards of KCMA and AWI for TR-6 chemical resistance. CHIARO has been tested utilizing the following ASTM and KCMA test methods. Using the ASTM Rating Scale: 10 = Perfect; 8 = Very Good; 6 = Good; 4 = Fair; 2 = Poor; 0 = Complete Failure.

Hot / Cold Check Resistance: ASTM D1211

Purpose: Test the ability of the finish to withstand hot (120°F / 50°C) & cold (-5°F / -20°C) cycles for prolonged periods. Coating passes 10 cold check cycles. Passes with a Perfect Rating of 10.

Cross Hatch: ASTM D3359

Purpose: Test the finish's adhesion to various substrates. Uses ASTM Cross Hatch Specific Rating Scale. Top rating of 5B.

Blocking: ASTM D2793

Purpose: Test the ability of the finish to withstand any finish defects from stacking or packing after 4 hours of drying time. Passes with a Perfect Rating of 10.

Print Resistance: ASTM D2091

Purpose: Test the ability of the finish to resist imprinting from a film of duck cloth with a weight transferring 2 psi to the surface for 24 hrs. Passes with a Perfect Rating of 10.

Edge Soak: ANSI/KCMA Performance Standard (Test 9.4.2)

Purpose: Tests a coating's resistance to moisture along each edge of a door panel. When applied correctly, material passes with a Perfect Rating of 10.

Chemical Resistance

Purpose: Test the ability of the finish to withstand substances typically found in kitchens and bathrooms. When applied correctly, will meet AWI specifications TR-6 for chemical resistance.

Bleach	24 hours	No Effect
Coffee	24 hours	No Effect
Detergent solution	24 hours	No Effect
Ethanol / Water	24 hours	No Effect
Ethanol / Water	1 hour	No Effect
Glass Cleaner	24 hours	No Effect
Grape Juice	24 hours	No Effect
Household Ammonia	1 hour	No Effect
Ketchup	24 hours	No Effect
Lemon Juice	24 hours	No Effect
Liquid Floor Cleaner	24 hours	No Effect
Liquid Floor Cleaner	1 hour	No Effect
Mustard	24 hours	No Effect
Mustard	1 hour	No Effect
Nail Polish Remover	1 hour	No Effect
Olive Oil	24 hours	No Effect
Orange Juice	24 hours	No Effect
Vinegar	24 hours	No Effect
Water	24 hours	No Effect

Distributed by:

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