



# Chemcraft®

A Great Finish Is Only the Beginning



SUPERIOR QUALITY CLEAR CONVERSION VARNISH

# CHEMLIFE® 24



AkzoNobel

# CHEMLIFE® 24 True 24 Hour Pot-Life

## SUPERIOR QUALITY CLEAR CONVERSION VARNISH

**A true 24 hour pot life conversion varnish.** Finally, a product that delivers exceptional chemical resistance with ease of application. CHEMLIFE 24 is designed to minimize waste resulting in lower production costs. This newly developed product provides superior vertical hang, and brings clarity to a new level.

### CHEMLIFE 24 Distinct Advantages Over the Competition

- True 24 hour pot-life
- Clear and light stable
- Fast dry
- No re-coat window when used as a self-seal
- Short cure times
- Faster stack times
- Furniture like feel
- Durable formula provides excellent chemical resistance
- Meets AWI TR-6 performance standard for chemical and moisture resistance

### Other Advantages

- HAPs compliant
- Phthalate free
- Designed at a ready-to-use viscosity
- Self-seal or compatible sealer options
- Works great with all air or airless application systems
- Air or oven dried
- Provides good sag resistance for vertical applications
- Available in the following sheens: 90 full gloss, 50 semi-gloss, 35 satin, 20 low gloss
- Suitable for use over whites and light colors

**Catalyst:** Requires the use of the 873-1251 catalyst

### CHEMLIFE 24 Performance Test Ratings & Standards

CHEMLIFE 24 has been manufactured to the quality testing standards of KCMA and AWI for TR-6 chemical resistance. It meets TR-4 standards for all other classifications. CHEMLIFE 24 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 hour 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: ANS/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.

Vinegar - 24 hours	.....	No Effect
Lemon Juice - 24 hours	-----	No Effect
Orange Juice - 24 hours	-----	No Effect
Grape Juice - 24 hours	-----	No Effect
Ketchup - 24 hours	-----	No Effect
Coffee - 24 hours	-----	No Effect
Olive Oil - 24 hours	-----	No Effect
Cold Water - 24 hours	-----	No Effect
Nail Polish Remover - 30 minutes	-----	No Effect
VM&P Naphtha - 1 hour	-----	No Effect
Isopropyl Alcohol - 1 hour	-----	No Effect
Windex - 1 hour	-----	No Effect
Acetone Rubs (200+ double rubs)	-----	No Effect
MEK Rubs (200+ double rubs)	-----	No Effect
Vodka 100 Proof - 24 hours	-----	No Effect
1% Detergent - 24 hours	-----	No Effect
10% Trisodium Phosphate, TSP - 1 hour	..	No Effect
Ethanol/Water - 24 hours	-----	No Effect
Mustard - 1 hour	-----	No Effect
Acetone - 5 minutes	-----	No Effect
Ammonia Hydroxide 28% - 1 hour	-----	No Effect
Glacial Acetic Acid - 1 hour	-----	No Effect
Bleach - 24 hours	-----	No Effect

To obtain ASTM test methods for specific tests and bylaws with rating system, please visit [www.chemcraft.com](http://www.chemcraft.com), and go to the "Tools" section.



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