



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 - helps eliminate waste
- High solids: 39% by weight / 32% by volume
- Clear and light stable
- Fast dry - increase throughput
- No re-coat window when used as a self-seal
- Short cure time - eliminates costly production time
- Faster stack time - maximum daily efficiency
- Furniture like feel
- Durable formula provides excellent chemical resistance - eliminates costly call backs
- Meets AWI TR-6 performance standard for chemical and moisture resistance

Other Advantages

- Designed at a ready-to-use viscosity - reduces the risk of application errors
- Self-seal or compatible sealer options - eliminates SKU's
- Works great with all air or airless application systems - no special equipment needed
- Air or oven dried
- Provides good sag resistance for vertical applications
- Suitable for use over whites and light colors
- Available in the following sheens: 90 full gloss, 50 semi-gloss, 35 satin, 20 low gloss

Catalyst: Requires the use of the 873-1251 catalyst

CHEMLIFE 24 High Solids (HS) Sealer

Specifically developed to be used with our successful CHEMLIFE 24 Topcoat, but can be used under other Chemcraft Conversion Varnishes.

- High solids - 40%
- Great build and clarity
- Good vertical hang
- Good fill

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 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: 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.

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

Distributed by:

Pro Wood Finishes
14622 Southlawn Lane
Rockville MD 20850
Ph: (301) 424-3033

