



KATILAC COATINGS INC.

# WOODGUARD<sup>TM</sup>

## 1K Waterborne Urethane Topcoats

Waterborne finish that rivals solvent based conversion varnish





# WOODGUARD™

## 1K Waterborne Urethane Topcoats



WOODGUARD™ is a waterborne, one component, polyurethane that is based on the latest waterborne technology. It provides a cabinet quality finish similar in durability to a solvent-based conversion varnish. WOODGUARD™ exhibits long-lasting protection against the effects of mold, mildew, sunlight, moisture, as well as most household chemicals.

It contains a broad spectrum UV absorber that provides long term protection to light sensitive substrates. WOODGUARD™ is ideal for cabinetry, interior / exterior furniture, exterior doors, trim and shutters. WOODGUARD™ is available in clear (AX Series) and white (AXW Series).

This product is part of the KCI GREENSTAR™ family of environmentally friendly coatings. KCI GREENSTAR™ products feature outstanding performance and meet or exceed all of the latest North American environmental standards, including Greenseal, Greenguard, LEED & SCAQMD. They are free of HAPs, isocyanates, formaldehyde and phthalates.

### Features

- AX Series Clear: 28% weight solids; 27% volume solids
- AXW Series White: 40% weight solids; 30% volume solids
- Low VOC, HAPs free, low odour, no formaldehyde
- Outstanding ease of use rivaling that of solvent based conversion varnish
- Final film exhibits very strong chemical, moisture and physical resistance properties
- Excellent clarity; appearance indistinguishable from solvent based topcoats
- AX Series Clear can be used self sealing or with KCI's FS1 FIBRESET™ Waterborne Lignin Bonding Sealer
- AXW Series White is used with AU1 AQUASURF ULTRA™ Universal Waterborne White Primer



### Performance Testing

#### AWMAC / AWI (NAAWS Performance Standards Testing)

System #12: Polyurethane, Water Based

Standard Score - 112/135

AX Series score - 115/135

AXW Series Score - 117/135

#### Flammability Testing (ASTM E 84- 08a) Surface Burn Rating

Flame Spread Index 5.0 Class 1 / Class A

Smoke Development 5.0 Class 1 / Class A

\* Testing performed on concrete board by accredited independent laboratory

#### Hot Print Resistance (ASTM D 2091-96)

72F (18 hrs) 4 psi PASS

120F (1 hr) 4 psi PASS

140F (1 hr) 4 psi PASS

#### Hot/Cold Cycle Test (ASTM D 1211-97)

10 cycles PASS

\* All testing results are the same for both systems unless otherwise stated

#### Canadian Kitchen Cabinet Association Construction & Material Testing Standards (2017) 6.2 Chemical Resistance

Orange Juice	Pass
Lemon Juice	Pass
Grape Juice	Pass
Vinegar	Pass
Ketchup	Pass
Coffee	Pass
Olive Oil	Pass
Detergent Solution	Pass
Mustard	Pass



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