



WOODGUARDTM

1K Waterborne Urethane Topcoats

Waterborne finish that rivals solvent based conversion varnish



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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.

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

- 28% weight solids; 27% 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
- Can be used selfsealing or with KCI's FS1 FIBRESET™ Waterborne Lignin Bonding Sealer



Performance Testing

AWMAC / AWI (NAAWS Performance Standards Testing)

System #12: Polyurethane, Water Based
Standard Score - 112/135
AX Series score - 115/135

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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