



KATILAC COATINGS INC.

DIAMOND™

Extended Pot-Life Conversion Varnish

Unmatched ease of application coupled with up to 5 days of pot-life



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Extended Pot-Life Conversion Varnish

The KD Series DIAMOND™ is a line of solvent borne, two component, alkyd / amino resin based conversion varnishes. They are clear, yellowing resistant topcoats that feature fast dry and easy sanding along with outstanding chemical, moisture & abrasion resistance. The DIAMOND™ Series topcoats can be used in a self-sealing system or in conjunction with KCI sanding sealers on high demand furniture and cabinet applications.

KD Series DIAMOND™ Conversion Varnishes are extended pot-life products that have usability up to 5 days after catalyzation.

Features

- 42% weight solids; 36% volume solids
- Low odour, ultra-low formaldehyde
- Water white, yellowing resistant
- 5% catalyst addition by volume; 10% reduction with lacquer thinner if necessary
- Can be used self sealing or with VS4 QUICKSEAL™ Post-Catalyzed Vinyl Modified Sealer or EK8 KATILAC™ Vinyl Sealer
- Available in 0, 15, 25, 40 & 80 degree sheen

Performance Testing

AWMAC / AWI (NAAWS Performance Standards Testing)

System #5: Conversion Varnish (Clear)

Standard Score - 129/135

KD Series score - 131/135

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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