



KATILAC COATINGS INC.

DIAMOND™

Extended Pot-Life Conversion Varnish

Unmatched ease of application coupled with up to 24 hours pot-life



DIAMOND™

Extended Pot-Life Conversion Varnish

The KD / R-KD Series DIAMOND™ is a line of solvent borne, two component, ultra-low HAPs, 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 post-catalyzed, vinyl modified, clear sanding sealers VS4 QUICKSEAL™ or VS17 QUICKSEAL PRO™.

KD / R-KD Series DIAMOND™ Conversion Varnishes are extended pot-life products that have full functionality up to 24 hours after catalyzation.

Features

- Low odour / ultra-low formaldehyde / ultra-low HAPs / isocyanate free
- Water white; yellowing resistant
- Up to 24 hours pot-life after catalyzation
- Self-sealing or with VS4 QUICKSEAL™ or VS17 QUICKSEAL PRO™

KD DIAMOND™

Conversion Varnish

- 42% weight solids; 36% volume solids
- 10% catalyst by volume
- 5-10% reducer by volume

R-KD DIAMOND™

Ready to Spray Conversion Varnish

- 34% weight solids; 26% volume solids
- 10% catalyst by volume
- No reducer required / ready to spray

Performance Testing

AWMAC / AWI (NAAWS Performance Standards Testing)

System #5: Conversion Varnish (Clear)

Standard score - 129/135

KD Series score - 131/135

R-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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Katilac Coatings Inc.

391 Hanlan Road, Unit 1&2
Woodbridge, ON
t. 905 856 6464 | f. 905 856 6584
info@katilaccoatings.com

Katilac Coatings Inc.

840 Appleby Line
Burlington, ON
t. 905 637 2931 | f. 905 637 8918
orders@katilaccoatings.com