



KATILAC COATINGS INC.

Kativar Plus™

Clear Conversion Varnish

A user-friendly clear conversion varnish ideally suited to cabinets & furniture



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D Series KATIVAR PLUS™ is a two-component, solvent-borne, alkyd/amino resin based post-catalyzed clear conversion varnish. It is characterized by its incredible ease-of-use. KATIVAR PLUS™ is specifically designed for high-end interior wood finishing such as cabinets, household furniture, office & commercial furniture and interior millwork.

D Series topcoats can be used self-sealing or in conjunction with KCI's VS4 QUICKSEAL™ Post-cat Vinyl Modified Sealer or EK8 KATILAC™ Vinyl Sealer.

Features

- 54% weight solids; 43% volume solids
- Water white, yellowing resistant
- 10% catalyst addition by volume; 10-12 hrs pot-life
- 5-10% reduction with lacquer thinner if necessary
- Can be used self-sealing or with EK8 KATILAC™ Vinyl Sealer (catalyzed) or VS4 QUICKSEAL™ Post-cat Vinyl Modified Sanding Sealer
- Available in 15,25 and 35 degree sheens

Performance Testing

AWMAC / AWI (NAAWS Performance Standards Testing)

System # 5 Conversion Varnish (Clear): D Series score - 131/135 (standard 129/135)

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 independant laboratory)

KCMA Testing (ANSI/KCMA A161.1.1.2000)

- Chemical Testing (Vinegar, Lemon Juice, Orange Juice, Grape Juice, Ketchup, Coffee, Olive Oil, 100 Proof Alcohol, Mustard) – PASS; no signs of discolouration, blistering, swelling
- Detergent & Water Resistance Test – PASS; no signs of blistering, whitening, delamination, swelling
- Heat Resistance Test – PASS; no signs of discolouration, whitening, delamination or swelling
- Hot/Cold Cycle Test – PASS; 10 cycles with no signs of any film failure

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)

PASS 10 cycles

Household Chemical Resistance (ASTM D1308)		
Distilled Water (D1308.6.1.1)	24 hrs	No effect
Ethyl Alcohol (D1308.6.1.3)	24 hrs	No effect
Coffee @ 180F (D1308.6.1.13)	24 hrs	No effect
Vinegar (D1308.6.1.4)	24 hrs	No effect
Mustard (D1308.6.1.12)	2 hrs	No effect
Vegetable Oil (D1308.6.1.11)	24 hrs	No effect
Dish Detergent (D1308.6.1.8)	24 hrs	No effect

Katilac Coatings Inc.

391 Hanlan Road, Unit 1

Woodbridge ON

t. 905-856-6464 | f. 905-856-6584

info@katilaccoatings.com

840 Appleby Line

Burlington ON

t. 905-637-2931 | f. 905-637-8918

orders@katilaccoatings.com



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