



KATILAC COATINGS INC.

Katilac Ultra™

Pre-catalyzed Clear Conversion Coating

Conversion varnish performance in a pre-catalyzed product



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The KU Series KATILAC ULTRA™ is a line of solvent borne, one component, pre-catalyzed, alkyd/amino resin based conversion coatings. It is a water-white, yellowing resistant, HAPs Free coating specifically designed for high quality interior wood finishing. Katilac Ultra™ is ideal for high performance applications such as office and institutional furniture, millwork as well as kitchen and bath components.

KATILAC ULTRA™ out-performs virtually any pre-cat lacquer on the market. It achieves a score equivalent to a conversion varnish in the NAAWS performance standard proving just how tough this product is.

KU series can be used as a self-sealing system or in conjunction with companion KCI sanding sealers.

Features

- 30% weight solids; 23% volume solids
- HAPs Free, low odour, ultra-low formaldehyde
- Excellent flow & levelling, fast dry, easy sanding, ready to spray
- Yellowing resistant, exceptional clarity, water-white
- Vastly exceeds NAAWS Performance Standard; achieves a conversion varnish score
- Self-sealing or used with EK6 KATILAC™ Pre-cat Sanding Sealer or EK8 KATILAC™ Vinyl Sealer
- Available in 0,15, 25, 40 and 90 degree sheens.

Performance Testing

AWMAC / AWI (NAAWS Performance Standards Testing)

System #2 Pre-catalyzed Lacquers (Clear): KU Series score - 129/135 (standard 99/135)

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)

KCMA Testing (ANSI/KCMA A161.1.1.2000)

- Chemical Testing (Vinegar, Lemon Juice, Orange Juice, Grape Juice, Ketchup, Coffee, Olive Oil, 100 Proof Alcohol) – PASS; very slight stain from mustard, recovers in 24hrs
- 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	slight stain, recovers 24 hrs
Vegetable Oil (D1308.6.1.11)	24 hrs	No effect
Dish Detergent (D1308.6.1.8)	24 hrs	No effect

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KCI-KU0719