



KATILAC COATINGS INC.

Aqua-Elite™

Waterborne Clear Topcoats

Unparalleled scratch resistance and incredible ease of application



greenstar™
WATERBORNE WOOD COATINGS

Aqua-Elite™

Waterborne Clear Topcoats

The AE Series AQUA-ELITE™ Topcoats are KCI's next generation of acrylic waterborne wood coatings. AQUA-ELITE™ offers unparalleled scratch resistance and ease of use similar to solvent-based products. AE Series topcoats are water-white, non-yellowing, non-flammable, low VOC, HAPs-Free, self-sealing coatings that are specifically designed for high demand interior wood finishing such as cabinetry and millwork.

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, LEEDS & SCAQMD. They are HAPs Free, isocyanate, formaldehyde and phthalate free.

Features

- 31% weight solids; 28% volume solids
- Reduce (if necessary) and clean up with water
- Low VOC, HAPs Free, low odour, ultra-low formaldehyde
- Exceptional feel and clarity
- Outstanding ease of use rivaling that of solvent based topcoats
- Final film exhibits very strong chemical and physical resistance properties



Performance Testing

AWMAC / AWI (NAAWS Performance Standards Testing)

System # 8 Acrylic Self-Crosslinking: AE Series score - 131/135 (standard 129/135)

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 discoloration, blistering, swelling.
- Detergent & Water Resistance Test – PASS; no signs of blistering, whitening, delamination, swelling
- Heat Resistance Test – PASS; no signs of discoloration, 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 Coatings

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