



KATILAC COATINGS INC.

# Aqua-Elite™

## Waterborne Acrylic Topcoats

Waterborne topcoats that are indistinguishable from solvent-based



greenstar™  
WATERBORNE WOOD COATINGS

# Aqua-Elite™

## Waterborne Acrylic Topcoats

The AQUA-ELITE™ family of products are KCI's next generation of acrylic waterborne topcoats. Available in white (AEW Series) and clear (AE Series), AQUA-ELITE™ offers unparalleled scratch resistance and ease of use similar to solvent-based products. AQUA-ELITE™ topcoats are non-yellowing, non-flammable, low VOC, HAPs Free and are specifically designed for high demand interior wood finishing such as cabinetry and millwork.

AQUA-ELITE™ products are 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 free of HAPs, isocyanates, formaldehyde and phthalates.

### Features

- 30% weight solids; 29% volume solids AE Series Clear
- 42% weight solids; 29% volume solids AEW Series White
- Reduce (if necessary) and clean up with water
- Low VOC, HAPs Free, low odour, formaldehyde free
- Outstanding ease of use rivaling that of solvent-based topcoats
- Final film exhibits very strong chemical and physical resistance properties
- AE Series Clear is water-white and self-sealing; AEW Series White is formulated for use over AU1 AQUASURF ULTRA™ Universal Waterborne White Primer
- AE Series Clear available in 10,20,40 & 70 degree sheens; AEW Series White available in 10,20 & 40 degree sheens



## Performance Testing

### AWMAC / AWI (NAAWS Performance Standards Testing)

System # 8 Acrylic Self-Crosslinking: AE Series score - 116/135 (standard 109/135)

### 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 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

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