



KATILAC COATINGS INC.

Fusion™

Quick Dry Post-catalyzed Lacquer

An extended pot-life, two component lacquer ideal for furniture applications



Fusion™

Quick Dry Post-catalyzed Lacquer

The KF Series Fusion™ Quick Dry is a line of solvent borne, two component, alkyd/amino resin based post-catalyzed lacquers. They are yellowing resistant topcoats that feature fast dry and easy sanding along with outstanding chemical, moisture & abrasion resistance. They are clear topcoats that can be used in a self-sealing system or in conjunction with VS4 QUICKSEAL™ Post-cat Vinyl Modified Sealer on high demand furniture and cabinet applications.

KF Series Fusion™ Quick Dry topcoats are extended pot-life products, that have a pot-life of up to 3 days after being catalyzed.

Features

- 34% weight solids; 27% volume solids
- Water white, yellowing resistant
- low odour, ultra-low formaldehyde
- 5% catalyst addition by volume
- 10% reduction with lacquer thinner (if necessary)
- Can be used self-sealing or with VS4 QUICKSEAL™ Post-cat Vinyl Modified Sealer or EK8 KATILAC™ Vinyl Sealer (catalyzed)
- Available in 15,25,40 and 90 degree sheens

Performance Testing

AWMAC / AWI (NAAWS Performance Standards Testing)

System #3 Lacquer, Post-catalyzed: KF Series score - 126/135 (standard 124/135)

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

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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

