



KATILAC COATINGS INC.

# PUREGUARD™

Formaldehyde Free Pre-Catalyzed Lacquer

A solvent based system that is better for you and the environment



# PUREGUARD™

## Formaldehyde Free Pre-Catalyzed Lacquer

KCI's PUREGUARD™ line of topcoats are formaldehyde free, solvent borne, one component, alkyd / amino resin based pre-catalyzed lacquers. They are available in clear (KP Series) and white (FP7 Series). PUREGUARD™ is designed to be a more environmentally friendly drop in replacement for most pre-catalyzed lacquer systems which involves little to no process or equipment changes.

KP Series PUREGUARD™ Clear can be used self-sealing or in conjunction with FK8 PURESEAL™ Formaldehyde Free Vinyl Sealer. FP7 Series PUREGUARD™ White is engineered to be used in conjunction with FP14 PUREPRIME™ Formaldehyde Free White Pre-Catalyzed Primer.

These advanced products feature KCI's GREENCURE™ technology; a unique cross-linking mechanism that does not contain or liberate formaldehyde during the drying or curing process. All GREENCURE™ products meet LEED, Greenguard, IAQ and BIFMA standards for formaldehyde free designation

### Features

- KP Series Clear - 31% weight solids; 27% volume solids
- FP7 Series White- 42% weight solids; 30% volume solids
- Exceeds NAAWS and KCMA / CKCA performance standards



## Performance Testing

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

**System #2: Pre-Catalyzed Lacquers**

**Standard score- 99/135**

**KP series score- 124/135**

**FP7 series score 100/135**

### 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

### 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)

**10 cycles PASS**

### Canadian Kitchen Cabinet Association Construction & Material Testing Standards (2017) 6.2 Chemical Resistance

Orange Juice	Pass
Lemon Juice	Pass
Grape Juice	Pass
Vinegar	Pass
Ketchup	Pass
Coffee	Pass
Olive Oil	Pass
Detergent Solution	Pass
Mustard	Pass



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