



KATILAC COATINGS INC.

PINNACLE™

HAPs Free Conversion Varnish

Ideal for high demand commercial and residential furniture, cabinetry and millwork



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The PHF Series PINNACLE™ is a line of solvent borne, water white, HAPs free, two component, alkyd / amino resin based conversion varnishes. They are yellowing resistant, have high clarity, as well as outstanding chemical, moisture and abrasion resistance. PINNACLE™ topcoats exhibit excellent application properties, ultra-low formaldehyde and exceptional hardness combined with an incredibly smooth feel.

PINNACLE™ HAPs Free Conversion Varnish is ideal for cabinetry, millwork as well as residential and commercial high demand furniture.

Features

- 53% weight solids; 47% volume solids
- Water white; yellowing resistant
- 10% catalyst addition by volume
- 10% reduction with lacquer thinner if necessary
- Can be used self sealing, with VS4 QUICKSEAL™ Post Catalyzed Vinyl Modified Sealer, or EK8 KATILAC™ Vinyl Sealer
- Available in 5, 15, 25, 40 & 90 degree sheen

Performance Testing

AWMAC / AWI (NAAWS Performance Standards Testing)

System #5: Conversion Varnish (Clear)
Standard Score - 129/135
PHF Series score - 131/135

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

* All testing results are the same for both systems unless otherwise stated

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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