



KATILAC COATINGS INC.

# PINNACLE™

## HAPs Free Conversion Varnish

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



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## HAPs Free Conversion Varnish

The PHF / R-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, high clarity with outstanding chemical, moisture and abrasion resistance. PINNACLE™ topcoats exhibit excellent application properties, ultra-low formaldehyde release along with exceptional hardness and smooth feel. They can be used as self-sealing or in conjunction with KCI post-catalyzed clear, vinyl modified, sanding sealers VS4 QUICKSEAL™ / VS17 QUICKSEAL PRO™.

PHF / R-PHF Series PINNACLE™ HAPs Free Conversion Varnishes are ideal for cabinetry, millwork as well as residential and commercial high demand furniture.

## Features

- Water white; yellowing resistant
- Ultra-low formaldehyde / isocyanate free
- HAPs free / low odour
- Self-seal or with VS4 QUICKSEAL™ or VS17 QUICKSEAL PRO™

### PHF PINNACLE™ Conversion Varnish

- 53% weight solids; 47% volume solids
- 10% catalyst addition by volume
- 10% reduction by volume
- 10 to 12 hours pot-life

### R-PHF PINNACLE™ Ready to Spray Conversion Varnish

- 44% weight solids; 38% volume solids
- 10% catalyst addition by volume
- No reducer required / ready to spray
- 10 to 12 hours pot-life

## Performance Testing

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

System #5: Conversion Varnish (Clear)

Standard score - 129/135

PHF Series score - 131/135

R-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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