



KATILAC COATINGS INC.

PINNACLE™

HAPs Free Conversion Varnish

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



PINNACLE™

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™ / VS10 QUICKSEAL PLUS™.

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 VS10 QUICKSEAL PLUS™

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



KATILAC COATINGS INC.

Katilac Coatings Inc.

391 Hanlan Road, Unit 1
Woodbridge, ON
t. 905 856 6464 | f. 905 856 6584
info@katilaccoatings.com

Katilac Coatings Inc.

840 Appleby Line
Burlington, ON
t. 905 637 2931 | f. 905 637 8918
orders@katilaccoatings.com