

# HPA WOOD SHIELD



## HPA SERIES A-1000

### PRODUCT DATA SHEET

PRODUCT OVERVIEW	BENEFITS
HPA Wood Shield is a 1K acrylic coating designed for use on a variety of wood substrates.	HPA Wood Shield offers excellent exterior durability, water repellency, and chemical resistance to raw wood substrates.
FEATURES	SURFACE PREPARATION
<ul style="list-style-type: none"><li>• Quick dry time</li><li>• Excellent exterior durability</li><li>• Excellent chemical resistance</li><li>• Excellent water resistance</li><li>• Good UV resistance</li></ul>	Using 140 grit sandpaper, thoroughly sand and smooth the surface to be painted. After sanding, use forced air to remove debris. All contaminants (e.g. dirt, grease, hand oils, silicone) must be removed prior to coating application. After cleaning, the substrate should be handled with vinyl or nitrile gloves to avoid further contamination. The substrate must be dry prior to application.
FINISH	APPLICATION METHODS
Available in: Gloss, Semi-Gloss, Satin Color: Any	<i>Stir contents before use. Never shake or mix under high agitation. When mixing, scrape the sides and bottom of the container to ensure any settled material is thoroughly incorporated in the bulk product prior to application.</i>
SPREAD RATE	Coverage per gallon is dependent on the substrate, the applicator and the equipment used.  <b>Spraying:</b> Blue River Coatings recommends application by spraying with an HVLP paint system to achieve the best finish. Spray tip: 1.4-1.8 mm Spray pattern: 4-6" Air pressure: 18-22 psi  <b>Brush or Roller:</b> Blue River Coatings recommends application of two coats to achieve optimal finish and substrate protection.
Theoretical Coverage: 1604 sq.ft. per gallon @ 1 mil WFT Recommended Coverage: 534 sq.ft. per gallon @ 3 mil WFT	
SUBSTRATES	
<ul style="list-style-type: none"><li>• Raw Wood</li></ul>	
SPECIFICATIONS	DRY TIMES
Binder Type: Acrylic Weight Solids: 50 ± 1% Weight per Gallon: 8.8 lb Flash Point: 150°F/65.5°C VOC, Material: 52 g/L VOC, Coating: 117 g/L Shelf Life: 12 months, unopened	<i>HPA Wood Shield can be air dried or force cured. HPA Wood Shield should be applied when ambient temperature is between 55°F and 90°F with relative humidity less than 80%.</i>  Cure Conditions: 120-140°F/49-60°C with 500-700cfm air flow Recoat: 5-15 minutes Dry to Handle: 15-20 minutes Pack Time: 4-6 hours
PERFORMANCE DATA	CLEAN-UP
<i>Recommended DFT is 1.5-2 mil unless otherwise stated</i>  Water absorption: Good Pencil Hardness: H	While coating is wet, water may be used for cleaning. After the coating dries, solvents may be required for clean up.