

HPA COLOR SHIELD HB



HPA SERIES A-1300

PRODUCT DATA SHEET

PRODUCT OVERVIEW	BENEFITS
HPA Color Shield HB is a hard, flexible, economical coating designed for multiple substrates	Wood: HPA Color Shield HB provides excellent water resistance on a variety of primed wood substrates. Steel and Aluminum: HPA Color Shield HB can be applied to primed steel and aluminum to add chemical resistance and provide color.
FEATURES	SURFACE PREPARATION
<ul style="list-style-type: none">• Quick dry time• Good hardness• Good chemical resistance• Excellent water resistance• Good impact resistance	Wood: Apply an appropriate primer according to the manufacturer's instructions, contact Blue River Coatings for compatibility. Once the primer is dried, sand with a fine grain sandpaper until smooth. Apply HPA Color Shield HB to the debris-free surface. Steel: Apply an appropriate primer according to the manufacturer's instructions, contact Blue River Coatings for compatibility. Test a small area for coating-to-primer adhesion before full application of HPA Color Shield HB. Aluminum: Apply an appropriate primer according to the manufacturer's instructions, contact Blue River Coatings for compatibility. Lightly abrade the surface, clean the surface with a mild detergent, rinse with distilled water, and dry.
FINISH	APPLICATION METHODS
Available in: Gloss, Semi-Gloss, Flat Color: Any	Stir contents before use. Never shake or mix under high agitation. For all substrates, HPA Color Shield HB can be sprayed, brushed or rolled.
SPREAD RATE	
Theoretical Coverage: 638 sq.ft. per gallon @ 1 mil DFT Recommended Coverage: 425 sq.ft. per gallon @ 1.5 mil DFT	Spraying: Reduce to 20-25 seconds, Zahn #2. Apply a medium wet coat over the surface. For best results, apply with a spray gun with tip size of 1.2-1.8 mm, air pressure should be 15-25 psi for HVLP and 25-40 psi for conventional spray guns. Atomization pressure depends on viscosity. Brushing: Reduce to 30-38 seconds, Zahn#2.
SUBSTRATES	
<ul style="list-style-type: none">• Wood, primed• Steel, primed• Aluminum, primed	Wood: Apply 1 - 2 coats of HPA Color Shield HB Steel: Apply 1 coat of HPA Color Shield HB Aluminum: Apply 1 coat of HPA Color Shield HB
SPECIFICATIONS	DRY TIMES
Binder Type: Acrylic Volume Solids: 40 ± 2% Weight Solids: 45 ± 2% Weight per Gallon: 8.60 lb Flash Point: 150°F/65.5°C VOC, Material: 85 g/L VOC, Coating: 220 g/L Shelf Life: 12 months, unopened	<i>HPA Color Shield HB can be applied in a wide variety of temperature and humidity conditions.</i> Cure Conditions: 75°F/24°C @ 50% RH
PERFORMANCE DATA	Recoat: 3 - 5 minutes Dust-Free: 5 minutes Dry to Handle: 8 - 10 minutes
Recommended DFT is 1-1.5 mil unless otherwise stated Salt Spray: Good Solvent Resistance: Good Flexibility: Good Pencil Hardness: HB	CLEAN-UP
	While coating is wet, water may be used for cleaning. After the coating dries, solvents may be required for clean up.