

HPA CLEAR SHIELD



HPA SERIES A-1100

PRODUCT DATA SHEET

PRODUCT OVERVIEW	BENEFITS
HPA Clear Shield is a single-component clear coat system designed as a top coat to provide superior UV resistance.	When applied as a topcoat, HPA Clear Shield offers strength, flexibility, and UV resistance to both newly coated and previously coated substrates. HPA Clear Shield can be applied over weathered surfaces to restore color and gloss.
FEATURES	SURFACE PREPARATION
<ul style="list-style-type: none">• Quick dry time• Excellent gloss retention• Excellent UV protection• Multiple application methods• Mar and abrasion resistance	Cleaning and pretreatment are critical for success of any coating system. As each application may be different, the cleaning/preparation may be different as well. Blue River Coatings recommends different cleaning/pretreatment processes depending upon each application and the amount of cleaning required. Use a mild detergent such as Dawn dishwashing soap. This will be sufficient for general cleaning/degreasing of the surface to be coated. Use appropriate cleaning equipment (e.g. clean cloth, scubbing brush, spray bottle, pressure washer) for the substrate. Thoroughly rinse the surface to remove any cleaning solution residue prior to coating. If cleaning/coating a vertical surface, work from top to bottom to ensure adequate cleaning, rinsing, and coating. The substrate must be completely dry prior to HPA Clear Shield application.
FINISH	APPLICATION METHODS
Available in: Gloss, Satin, Flat Color: Clear Coat	Wear appropriate PPE during mixing and application. Stir contents before use. Never shake or mix under high shear. For all substrates, HPA Clear Shield can be sprayed, brushed or rolled. Spraying: Reduce with water as needed up to 10% by volume. Apply a medium wet coat over the surface. For best results, air pressure should be 15-20 psi. Atomization pressure depends on nozzle size and viscosity. Brushing: Reduce with water as needed up to 10% by volume. Use a high quality nylon or polyester natural bristle brush. Rolling: Reduce with water as needed up to 10% by volume. Use a high quality cover 1/4 - 3/8" cover solvent resistance core brush.
SPREAD RATE	DRY TIMES
Theoretical Coverage: 561 sq.ft. per gallon @ 1 mil DFT Recommended Coverage: 374 sq.ft. per gallon @ 1.5 mil DFT	<i>HPA Clear Shield can be air dried or force cured.</i> Cure Conditions: 72°F/22°C @ 50% RH Recoat, if required: Before 2 hours Dust-Free: 45 minutes Dry to Handle: 60 minutes To Cure: 14 days
SUBSTRATES	CLEAN-UP
<ul style="list-style-type: none">• EIFS and Stucco• Fiberglass• Vinyl• Pre-primed metal	Use warm soapy water to immediately clean equipment and spills. Flush equipment with mineral spirits or thoroughly dry after cleaning to prevent rusting. After the coating dries, solvents may be required for clean up.
SPECIFICATIONS	
Binder Type: Acrylic Volume Solids: 35 ± 2% Weight Solids: 38 ± 2% Weight per Gallon: 9.5 lb Flash Point: > 200°F/93.3°C VOC, Material: 91 g/L VOC, Coating: 215 g/L Shelf Life: 12 months, unopened	
PERFORMANCE DATA	
<i>Recommended DFT is 1.25-1.5 mil unless otherwise stated</i> UV Weathering: Good Abrasion Resistance: Good Flexibility: Good Pencil Hardness: F - H	