ARISTOSHIELD®
Interior/Exterior Semi-Gloss Paint
ASHL50

APPLY A HIGHER STANDARD®

USDA CERTIFIED BIOBASED PRODUCT

H2O URETHANE ALKYD™

CERTIFIED BY green wise® CONTROL RESEARCH GROUP INCORPORATED

≤ 50 g/L VOC**

ARISTOSHIELD® Semi-Gloss is an ultra-premium interior/exterior ultra-low VOC enamel formulated with advanced water-based urethane alkyd technology for an oil-like finish. It is ideal for use on high-end residential, commercial, and industrial projects where superior performance and durability are required on doors, trim, cabinets, as well as metal surfaces such as wrought iron, garage doors, hand rails, and metal doors.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** Waterborne urethane alkyd

FINISH (ASTM D 523)**:** Semi-Gloss: 65–80% on a 60º meter after 14 days.

COLORS: Stock colors: Black, Swiss Coffee. Other colors, as well as 6 OSHA safety colors, can be special ordered or store mixed.

TINT BASES: L Tintable White, M Medium, U Ultra Deep

VISCOSITY@77ºF/25ºC (ASTM D 562)**:** 95–105 KU

MAXIMUM VOC CONTENT	**MAXIMUM RAVOC** (Reactivity-Adjusted VOC)
50 g/L (as supplied)	50 g/L

SOLIDS BY VOLUME (ASTM D 2697)	**SOLIDS BY WEIGHT**
37.2% ± 2%	52.0% ± 2%

WEIGHT PER GALLON (ASTM D 1475)**:** 10.85 lbs.

COMPOSITION BY WEIGHT

Pigment–26.7%		**Vehicle–73.3%**	
*Prime pigments	26.7	Resin solids	23.6
Reinforcing pigments	0.0	Water & additives	49.7

**Prime pigments include titanium dioxide (TiO_2), plus all other pigments directly adding to the hiding power of this paint.*

RECOMMENDED FILM THICKNESS PER COAT
Wet: 4.0 mils Dry: 1.5 mils

PERFORMANCE SPECIFICATION
Permeability: 1.93 | **ASTM D 1653-13 Method A**
Scrubbability Results: >4000 cycles | **ASTM D2486; no shim**
Pencil Hardness Results: H | **ASTM D3363; 7 day cure**
Accelerated Weathering Results: Pass | **ASTM D4587-23; 500 hrs**
Mandrel Bend Results: Pass | **ASTM D522-B; 1/2" mandrel**
Washability Reults: Pass | **ASTM D4828; avg of 5 stains**
Block Resistance Results: Excellent |
ASTM D4946; Room & High Temp Conditioned

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS
Approximately 350–425 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77ºF/25ºC (ASTM D 1640)
To touch: 1-2 hours Recoat: After 4-6 hours
Dry times and recoat times are temperature, humidity and film thickness dependent.

APPLICATION EQUIPMENT: Brush, roller, airless spray

AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800-2500 psi **TIP:** .013"-.015"	Nylon/Polyester	Smooth Surfaces: ¼" nap Semi-Smooth Surfaces: ⅜" - ½" nap

PACKAGING: Quart, one-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110ºF for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products**.

CONFORMS TO:	
• ARB 2007/2022 SCM & CALGreen 2022	• MIR, HPD
• CA Section 01350	• MPI Approved Product #169
• LEED v4/4.1	• CRGI Green Wise Certified
• SCAQMD Rule 1113	• FDA Guidelines for Coatings
• CA Extended Producer Responsibility	• USDA Certified Biobased

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS
- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Wear a NIOSH-approved N100 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety"or call U.S. EPA's lead hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or /asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- Do not apply when the air or surface temperature is below 50ºF.
- While we recommend applying our exterior latex paints within industry standard temperature ranges, they can be applied at temperatures up to 120°F. Refer to www.dunnedwards.com/technical-bulletins/ for more information.

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PRODUCT INFORMATION

PRIMERS

DRYWALL

Textured: **VINYLASTIC® Premium (VNPR00),**
Untextured: **VINYLASTIC® Premium (VNPR00),**
Skim-coated: **VINYLASTIC® Plus (VNPL00)**

MASONRY

Plaster:
Tilt-up concrete:
Poured-in-place:
Brick: **EFF-STOP® Premium (ESPR00),**
EFF-STOP® Select (ESSL00) or
FLEX-PRIME® Select (FPSL00)

Concrete block: **Smooth BLOCFIL™ Premium (SBPR00)** or
Smooth BLOCFIL™ Select (SBSL00)

Smooth trowel: **SUPER-LOC® Premium (SLPR00)**

WOOD

Doors, trim: **DECOPRIME® (DCPR00),**
ULTRA-GRIP® Premium (UGPR00),
BLOCK-IT® Premium (BIPR00) or
EZ-PRIME® Premium (EZPR00) – *EXTERIOR ONLY*

SYNTHETIC WOOD

Masonite:
Hardboard: **DECOPRIME® (DCPR00),**
ULTRA-GRIP® Premium (UGPR00),
BLOCK-IT® Premium (BIPR00)

METAL[1]

Ferrous: **BLOC-RUST® Premium (BRPR00)** or
ENDURAPRIME® Rust-Preventative Metal Primer (ENPR00)

Non-ferrous: **ENDURAPRIME® Galvanized Metal Primer (ENGM00)**
BLOC-RUST® Premium (BRPR00) or
SUPER-LOC® Premium (SLPR00)

Galvanized steel: **ENDURAPRIME® Galvanized Metal Primer (ENGM00)** or
***ULTRA-GRIP® Premium (UGPR00)**

**for incidental use on galvanized*

[1]DTM (Direct to Metal): ARISTOSHIELD can be used as a direct to metal coating on properly prepared steel surfaces by applying two (2) coats of ARISTOSHIELD. Note: for best corrosion protection, one (1) coat of BLOC-RUST Premium primer and two (2) coats of ARISTOSHIELD topcoat are recommended. ARISTOSHIELD should not be applied directly to galvanized steel. For best results, apply one coat of ENDURAPRIME® Galvanized Metal Primer (ENGM00).

***This product has been tested and certified by Coatings Research Group Inc., an international paint industry-organized ISO-accredited testing laboratory, to meet performance and environmental standards as shown on www.greenwisepaint.com. Dunn-Edwards is a member of CRGI.*

HEALTH & SAFETY CAUTIONS! INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N100 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• KEEP OUT OF REACH OF CHILDREN •

Ingredient (CAS #): Water (7732-18-5); Copolymer Resin (Proprietary); Titanium Dioxide (13463-67-7); Zinc Phosphate (7779-90-0); Triethylamine (121-44-8).

⚠ **WARNING:** Cancer and Reproductive Harm – www.P65Warnings.ca.gov