

Ultra-Premium Interior/Exterior Paints

ARISTOSHIELD®

INT/EXT

Superior balance of hardness & flexibility



THE #1 CHOICE OF
PAINTING PROFESSIONALS®

ARISTOSHIELD®

is an ultra-premium, interior/exterior, ultra-low VOC paint formulated with advanced water-based urethane alkyd technology for an oil-like finish. It is ideal for use on high-end projects where superior performance and durability are required.

Why ARISTOSHIELD® outperforms other interior/exterior paints

- :: Superior balance of hardness and flexibility
- :: Can be used as a Direct-to-Metal (DTM) coating on properly prepared surfaces
- :: Excellent flow & leveling, which forms a durable, uniform finish
- :: Superior non-yellowing properties compared to other alkyd emulsion paints



Drywall



Wood



Metal



Masonry



	EGGSHELL	LOW SHEEN	SEMI-GLOSS	HIGH GLOSS
Kitchen & Bath	•	•	•	•
Cabinets	•	•	•	•
Trim & Fascia	•	•	•	•
Wrought Iron Gates	•	•	•	•
Garage Doors		•	•	•
Metal Doors & Fences	•	•	•	•

These are commonly used gloss levels for surfaces listed above. Gloss may be affected by texture, porosity of the surface and atmospheric conditions. Please contact a Dunn-Edwards representative or your local store for specific product availability.



VOC AND RAVOC RATINGS ON EVERY LABEL

Dunn-Edwards is the first paint company to label its products with RAVOC ratings — Reactivity-Adjusted VOC Content — a better way to measure potential air quality impacts of coatings. To learn more about RAVOC ratings visit dunnedwards.com/RAVOC.



LEED® GOLD-CERTIFIED PAINT MANUFACTURING FACILITY

In 2011, Dunn-Edwards opened the world's first and only LEED® Gold-certified paint manufacturing facility in Phoenix, AZ. Encompassing manufacturing, product development, quality control and more, the 336,000-sq. ft. facility is designed to be the greenest in the industry.

"LEED" and related logo is a trademark owned by the U.S. Green Building Council and is used with permission.

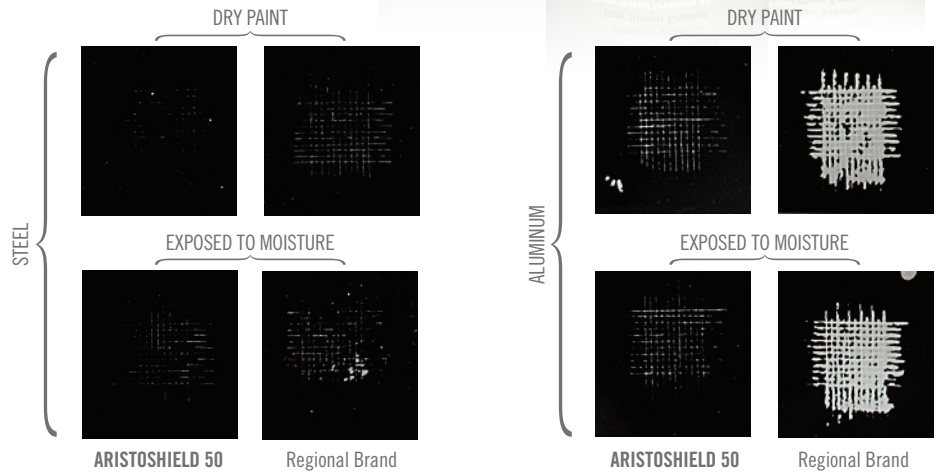
See the **ARISTOSHIELD®** difference for yourself



Adhesion

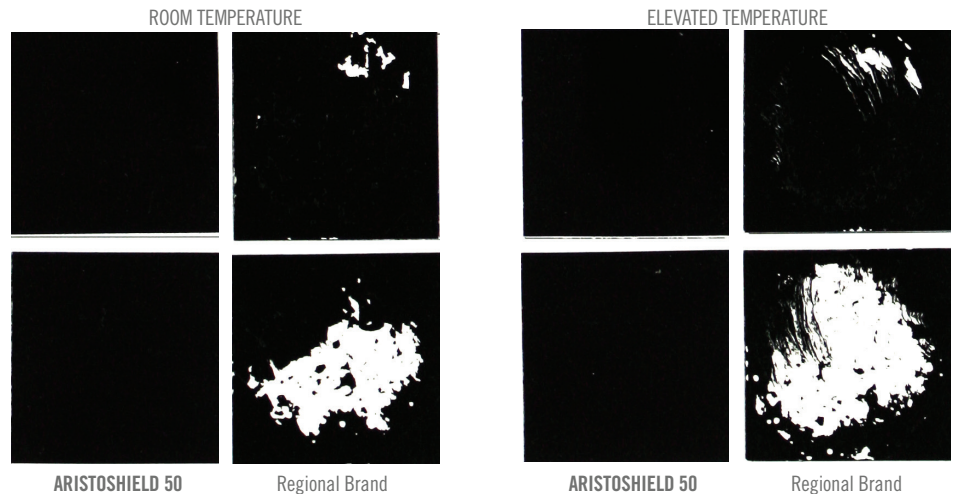
Good adhesion means the paint sticks to the substrate allowing for better protection of the painted surface.

ARISTOSHIELD® does a better job at sticking to both steel and aluminum, as the competition is more prone to peeling on aluminum, especially when exposed to moisture.



Block Resistance

When two painted surfaces come into contact, such as a door and door jamb, they can stick together, or block. When that happens, the paint can peel from the surface. **ARISTOSHIELD®** clearly beats the Regional Brand, as their paint is sticking together and peeling from the surface.



Surfactant Leaching

Surfactant leaching is the migration of water-soluble ingredients of the coating that is caused by exposure to high humidity or moisture. These areas are evident by a change in appearance of the film showing a glossy or soapy/sticky residue on the surface, which can sometimes be brownish in color.



Adhesion Test Method: A three mil draw down of the paint being tested is applied to the desired substrate (glossy aged alkyd, chalky latex, metal, etc.) and allowed to dry for 24 hours. After 24 hours, two 100 square sections are cut into the substrate using a Gardner Adhesion Knife. For dry adhesion test, Permacel tape is placed firmly over the cut with a 2" overlap of the test area. The tape is then quickly removed at a 180 degree angle. The amount of paint that is removed from the substrate is evaluated and scored using ASTM 0B – 5B rating (0 meaning complete paint removal from substrate and 5 meaning no paint removal). For wet adhesion, a 1"x 1" damp paper towel is placed over the cut section and allowed to rest there for ten minutes. After ten minutes, the paper towel is removed and the cut area is blotted dry of any excess moisture. Permacel tape is firmly placed over the test area with the same 2" overlap. The tape is then quickly removed at a 180 degree angle and the results are evaluated and scored (ASTM 0B – 5B). The lower the score, the poorer the adhesion is to that substrate. The same test method for wet/dry adhesion can be run again after a 3 day cure and 7 day cure to determine adhesion characteristic of the given paint.

Block Resistance Test Method: After the coating has cured, the panel is tested by cutting out two 1.5" squares and placing the panels face to face, so that the coated surfaces of each square are together. The squares are then placed on a glass plate and a rubber stopper and 1,000 gram weight placed on top to provide a standardized amount of force to the surface. The applied force of the coated surfaces is allowed to sit for the following length of time for each condition before trying to pull the 2 panels apart: (1) Room Temperature – 24 Hours; (2) Elevated Temperature – 30 minutes. The weight is removed and the panels allowed to equilibrate for 5 minutes, before separating the panels.

Surfactant Leaching Test Method: A 3 mil drawdown is cast onto a vinyl chart and left to dry for four hours. Five drops of distilled water are placed on two spots and left to sit for 30 minutes. After 30 minutes, the panel is tilted to 90° and left to dry on a drying rack overnight. The panel is rated on the degree of any appearance change of the film from 1 (severe) to 5 (no change). The test is also repeated at different cure times to see if it improves with dry time.

All test examples are high resolution photographs of the actual test results. The tests were conducted by Dunn-Edwards Laboratories and can be viewed at the Corporate Office by appointment.



A GREEN LEGACY, A GREENER FUTURE.

Dunn-Edwards has a green legacy that makes us proud and inspires us to do more. We are firmly dedicated to the principle of eco-efficiency, which we define as the ability to satisfy human needs in ways that minimize adverse impacts on energy and material resources, environmental quality, and human health and safety.



PHOTOGRAPHS: Paint colors depicted in the photographs in this brochure appear differently than on actual surfaces. Photographic processes and lighting will alter color.

COVER PHOTO: Fence: Calico Rock DE6229
BACK PHOTO: Walls, trim and cabinetry: Whisper DEW340

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