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Finishes & Colors

AIROLITE®
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Architectural and High-Performance Louvers, Grilles, Screens, Sun Controls

Standard Colors

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Airolite offers 27 standard colors available in AAMA 2605 compliant coatings (70% Kynar® PVDF/ 100% Fluoropolymer FEVE), AAMA 2604 compliant coatings (50% Kynar®/Acroflur®) or AAMA 2603 compliant coatings (Baked Enamel).

Bone White	GF102	Ivory	031	Ascot White	GF120
Dover White	AL202	Cambridge White	GF110	Herring Bone	GF107
Sandstone	GF112	Pueblo Tan	GF116	Rawhide	AL215
Smoke	GF104	Sierra Tan	GF118	Lindie Bronze	AL218
Hampton Brown	GF105	Spartan Bronze	GF113	Classic Bronze	GF108
Statuary Bronze	AL221	Dove Gray	AL213	Stone Gray	GF103
Charcoal	AL214	Flat Black	044	Gloss Black	045
Coronado Red	GF121	Terra Cotta	AL217	Hartford Green	AL208
Capri Blue	GF106	Aegean Blue	AL204	Patina Green	GF114

The samples incorporated in this presentation are as close to production materials as color reproduction technology allows.
Color samples of metal coupons are available upon request. Custom color matching is available upon request.
Consult your Airolite representative for additional cost associated with custom colors.

Mica Colors

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Airolite offers six standard mica colors available in AAMA 2605 compliant coatings (70% Kynar® PVDF/ 100% Fluoropolymer FEVE). Mica colors are formulated to reproduce the low-gloss metallic luster of anodized aluminum in a wider range of dynamic colors. These colors offer many performance advantages over conventional anodized finishes including longer warranty duration, superior resistance to salt spray, greater color uniformity and better chemical resistance. Additionally, mica coatings are easier to repair and touch-up than conventional anodized finishes. Organic micas are comprised of natural minerals and crushed pearlescent that are highly resistant to harmful environmental effects.

Clear Anodize Mica GF209	Bright Silver AL222	Sterling GF201
Gun Barrel AL239	Dark Bronze AL238	Asti AL236

Other Options

Mill Aluminum

Aluminum in the mill finish state will be commercially smooth and substantially free from blisters, inclusions, voids, slivers and kinks. Slight discontinuity resulting from flow and die lines inherent in the extrusion process will exist. Occasional discontinuities that can be reasonably removed making the surface suitable for finishing operations are acceptable. Although aluminum is naturally resistant to corrosion, its appearance changes as a result of weathering and aging. Aluminum in the mill finish state may also have a non-uniform surface appearance resulting from oil, heat and oxide discoloration inherent in the manufacturing process.

Prime Coat

Louvers and architectural products shall be cleaned, pre-treated and receive a prime coat finish suitable for field painting. Products must be thoroughly cleaned and prepared prior to field application of epoxy, urethane or other heavy-duty coatings. Airolite does not recommend prime coat or field painting of louvers and architectural products. As such, Airolite does not provide formal field cleaning, preparation or painting instructions or recommendations.

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Anodize Colors

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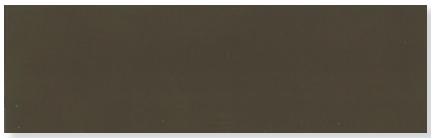
The anodize process creates an extremely hard and durable finish on aluminum surfaces. Airolite offers seven industry standard anodize colors on aluminum louver products that meet the performance requirements of AAMA 611. Some degree of color discontinuity within industry standard anodize color range tolerances can be expected. For better color consistency Airolite recommends AAMA 2605 compliant mica coatings in lieu of anodize.

Clear Anodize 215-R1 or 204-R1

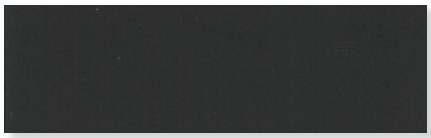
Champagne Anodize

Light Bronze Anodize

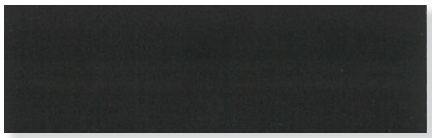


Medium Bronze Anodize

Dark Bronze Anodize



Extra Dark Bronze Anodize



Black Anodize

Aluminum Association Specification

Anodize	AA-M10C21A44	AA-M10C21A41	AA-M10C21A31
Class	I	I	II
Minimum Mil Thickness	0.7	0.7	0.4
Airolite Louver Anodize Finish Options	Champagne; Light, Medium, Dark or Extra Dark Bronze; Black	215-R1 Clear	204-R1 Clear
Description	Two-step anodize process incorporating a colorfast electrolytic process following the initial anodize step	Clear, colorless and hard oxide aluminum finish that resists weathering and chemical attack	Clear, colorless and hard oxide aluminum finish that resists weathering and chemical attack
Warranty	5 Year	5 Year	1 Year

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Paint Performance Specifications

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Use the reference chart below to better understand the performance criteria defined by the American Architectural Manufacturers Association (AAMA). To ensure the highest performance coatings on louver products, Airolite recommends specifying an AAMA 2605 compliant coating.

Paint Performance Specifications			
Coatings	100% Fluoropolymer (FEVE) 2-Coat 70% Kynar® (PVDF) 3-Coat 70% Kynar® (PVDF) 4-Coat 70% Kynar® (PVDF)	Wood Grain	Baked Enamel
Warranty (Aluminum Products Only)	10 Year (20 Year Optional)	5 Year	1 Year
Weathering	AAMA 2605	AAMA 2604	AAMA 2603
South Florida Exposure	10 Year	5 Year	1 Year
Color Retention	Delta E Color Change <=5 Hunter Units	Delta E Color Change <=5 Hunter Units	Slight Fade
Gloss Retention	Minimum 50%	Minimum 30%	N/A
Chalk Resistance	=>8 Rating (6 for Whites)	=>8 Rating	Slight Chalking
Erosion Resistance	<10% Film Loss	<10% Film Loss	N/A
Chemical Tests			
Muriatic Acid Resistance (15 Minute Spot Test)	No Blistering or Visual Change	No Blistering or Visual Change	No Blistering or Visual Change
Mortar Resistance (24 Hour Pat Test)	No Loss of Film Adhesion or Visual Change	No Loss of Film Adhesion or Visual Change	No Loss of Film Adhesion or Visual Change
Nitric Acid Resistance	Delta E Color Change <=5 Hunter Units	Delta E Color Change <=5 Hunter Units	N/A
Detergent Resistance	No Loss of Adhesion, No Blistering, No Significant Visual Change	No Loss of Adhesion, No Blistering, No Significant Visual Change	No Loss of Adhesion, No Blistering, No Significant Visual Change
Window Cleaner Resistance	No Blistering or Noticeable Change and No Removal of Film	No Blistering or Noticeable Change and No Removal of Film	N/A
Corrosion			
Salt Spray Resistance (ASTM B117)	4,000 Hours, => 7 Scribe, => 8 Blister	3,000 Hours, => 7 Scribe, => 8 Blister	1,500 Hours, => 7 Scribe, => 8 Blister
Aggressive Salt Spray Resistance (ASTM G85, Annex A5)	2,000 Hours Aggressive Cyclical Corrosion Testing	N/A	N/A
Humidity Resistance	4,000 Hours at 100°F and 100% Humidity, No Visual Change and Few Blisters Size 8	3,000 Hours at 100°F and 100% Humidity, No Visual Change and Few Blisters Size 8	1,500 Hours at 100°F and 100% Humidity, No Visual Change and Few Blisters Size 8
Hardness & Adhesion			
Dry Film Hardness	F Minimum Hardness. No Film Rupture.	F Minimum Hardness. No Film Rupture.	H Minimum Hardness. No Film Rupture.
Film Adhesion	Accordance with ASTM D3359	Accordance with ASTM D3359	Accordance with ASTM D3359
Impact Resistance	No Removal of Film from Substrate	No Removal of Film from Substrate	No Removal of Film from Substrate
Abrasion Resistance	Co-efficient Value 40 Minimum	Co-efficient Value 20 Minimum	N/A

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