



**QUAKER**  
COMMERCIAL WINDOWS AND DOORS



**QUAKER**  
RESIDENTIAL WINDOWS & DOORS

# COLORS & FINISHES



65th Infantry Regiment Veterans Housing  
Chicago, IL  
Color: Custom CWS-Grey | Finish: 2604  
photo courtesy of PappaGeorgeHaymes Partners



Private Residence  
Armonk, NY  
Color: Popular Dark Bronze | Finish: 2604  
photo courtesy of Professional Building Systems

# ALUMINUM COLORS | ALUMINUM COLORS | ALUMINUM COLORS | ALUMINUM

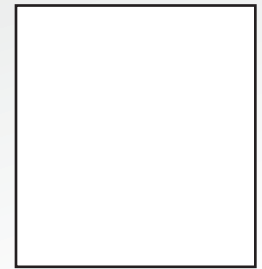
## POPULARS

During our nearly 70 years in business, we have painted countless numbers of window and door colors. These 11 colors are always the most popular choices. From light to dark, choose away.

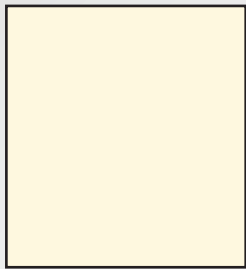
All Popular Colors are available in both AAMA 2604 (standard) and 2605 finish (optional)



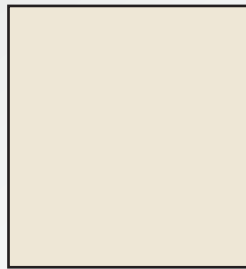
Black



White



Satin Creme



Beige



Sandstone



Toffee



Earthtone



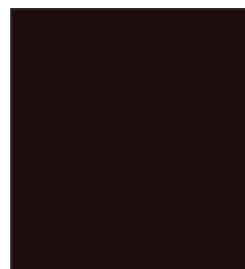
Holly



Chestnut



Redwood



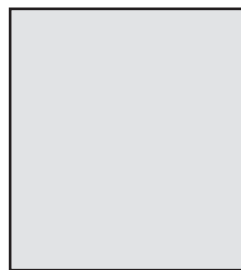
Dark Bronze

## RESEMBLES

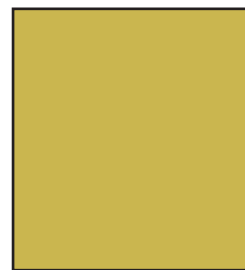
Powder coat, paint finishes made to resemble an anodized look. You get the appearance of anodized plus a better warranty, better lead times, better pricing and a more consistent finish than traditional anodized.

What's not to like?

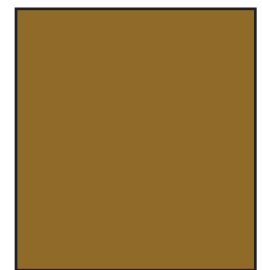
All Resembles Colors are available in AAMA 2604 finish (standard)



Clear Anodized



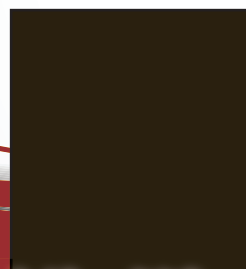
Champagne Light Range



Champagne Dark Range



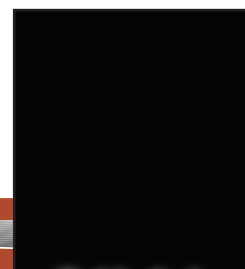
Light Bronze



Dark Bronze Light Range



Dark Bronze Dark Range



Black Anodized

## ANODIZED

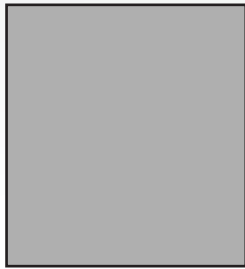
Commercial anodized finishes are available by request. Finish colors range from clear to dark bronze. Quaker offers only Class I anodized finishes, the highest grade available for exterior usage and vastly superior to Class II anodized.

# COLORS | ALUMINUM COLORS | ALUMINUM COLORS | ALUMINUM COLORS

## IMPRESSIVES

Want to distinguish your home from the rest of the neighborhood but not be too bold? Here's your destination.

Unless noted otherwise, Impressive Colors are available in: AAMA 2604 (standard) or 2605 (optional) finish



Agate Grey 2604 only



Beige Grey 2604 only



Burgundy 2604 only



Gloss Black



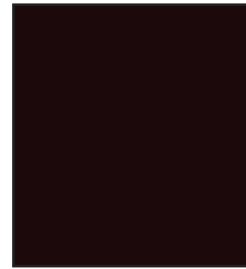
Interstate Blue 2604 only



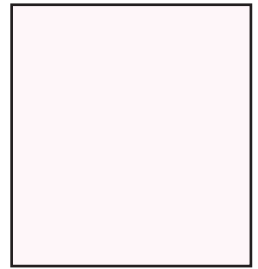
Mass Green 2604 only



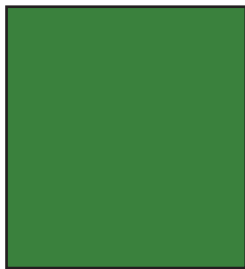
New Bone White



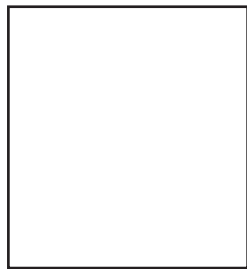
New Dark Bronze 2604 only



Oyster White 2604 only



Patina Green 2604 only



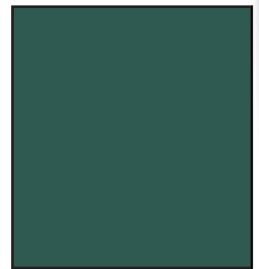
Polar White 2604 only



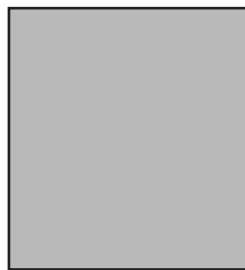
Sky White II



Slate Grey



Teal 2604 only



Telegrey I 2604 only

## CUSTOM

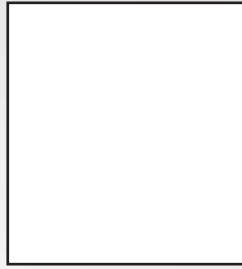
We are the cure for the common color because custom colors are our specialty. Our state-of-the-art in-house painting facilities allow us to customize efficiently and proficiently. From the purest white to the darkest black, any color you have in mind is right at your fingertips. So remove any limitations and let your imagination take over.



# VINYL COLORS | VINYL COLORS | VINYL COLORS | VINYL COLORS

## VINYL INTERIOR AND EXTERIOR

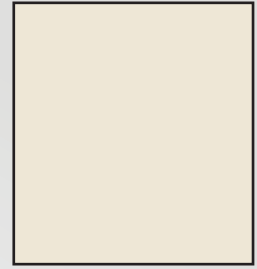
Three "bright" vinyl colors provide a long-standing sheen that will look good from the curb and from the couch.



White



Sandstone

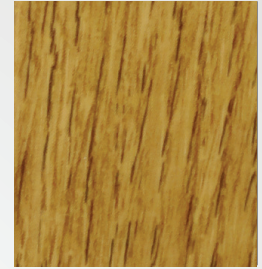


Beige

## WOOD GRAIN INTERIOR FOR VINYL PRODUCTS<sup>#</sup>

Fuse your vinyl windows and doors with your home's surroundings with our Dark Oak Wood Grain option. Available on the interior only, you can combine it with a white vinyl exterior or choose one of our painted exterior colors for a stunning look.

<sup>#</sup>-Dark Oak Wood Grain Interior option is not available on all Quaker vinyl products. Check with your dealer for availability.



**Dark Oak Woodgrain**  
(only available in combination with a white vinyl exterior or with any painted exterior color)

## EXTERIOR PAINTED COLORS

Beautiful exterior expressions are now found in vinyl windows & doors. Twelve dynamic exterior colors are readily available, giving you more than 40 dazzling combinations. Got a special color in mind? Our custom color capabilities are up to the task.

All Exterior Painted Vinyl Colors are available in AAMA 615 finish (standard)



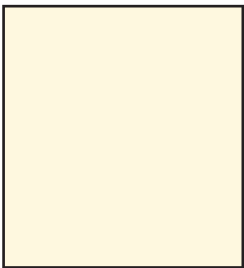
Sandstone



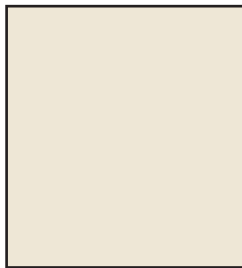
Resembles  
Clear Anodized



Earhtone



Satin Creme



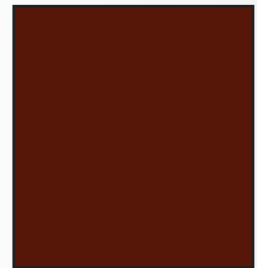
Beige



Dark Bronze



Holly



Redwood



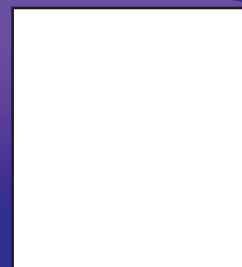
Black



Chestnut



Toffee



White



Custom

# SPECS:

Our product finishes meet the high specifications required in today's building market.

AAMA 2604 and 2605 (Powder Coating on Aluminum) specifications.

Characteristic	ASTM #	AAMA 2604 Result	AAMA 2605 Result
Specific Gravity	D-792	1.3 to 1.9 depending on color	1.4 to 1.9 depending on color
Theoretical Coverage		Approximately 101 to 148 ft <sup>2</sup> /lb./mil.	Approximately 101 to 138 ft <sup>2</sup> /lb./mil.
Optimum Storage		<80° F, < 50%RH	<80° F, < 50%RH
Particle Distribution		+44 microns (325 mesh). Percentage varies with color	+44 microns (325 mesh). Percentage varies with color
Film Thickness	D-1186	1 to 3 mils	1 to 3 mils
% Gloss @ 60°	D-523-89	25 to 35%	25 to 35%
Pencil Hardness	D-3363-00	H to 3H	H to 2H
Adhesion	D-3359-02	No lifting of 1/8" squares between scribed lines when cross-hatch adhesion is tested using the pre-scribed tape.	No lifting of 1/8" squares between scribed lines when cross-hatch adhesion is tested using the pre-scribed tape.
Flexibility	D-522-93a	A coating of 2 mils or less will withstand a bend of 180° over a 1/8" mandrel without cracking or loss of adhesion.	A coating of 2 mils or less will withstand a bend of 180° over a 1/8" mandrel without cracking or loss of adhesion.
Impact Resistance	D-2794-93	160 inch-pounds, direct and reverse, at a film thickness of 2 mils. Impact properties will be influenced by formulation.	100 inch-pounds, direct and reverse, at a film thickness of 2 mils. Impact properties will be influenced by formulation.
Salt Spray Resistance	B-117-97	Minimum rating of 7 for Procedure A and minimum of 8 for Procedure B (ASTM-D-1654-92) after 3000 hours of exposure. Aluminum substrates must be pre-treated according to AAMA 2604 specs.	Minimum rating of 7 for Procedure A and minimum of 8 for Procedure B (ASTM-D-1654-92) after 4000 hours of exposure. Aluminum substrates must be pre-treated according to AAMA 2605 specs.
Humidity Resistance	D-2247	No more than a "few" blisters (ASTM-D-714) after 3,000 hours of exposure. Aluminum substrates must be pretreated according to AAMA 2604 specs.	No more than a "few" blisters (ASTM-D-714) after 4,000 hours of exposure. Aluminum substrates must be pretreated according to AAMA 2605 specs.
Chemical Resistance		Very good resistance to most chemicals an solvents. See AAMA 2604 chemical resistance requirements. Some properties may be reduced in low gloss formulations.	Very good resistance to most chemicals an solvents. See AAMA 2605 chemical resistance requirements. Some properties may be reduced in low gloss formulations.
Overbake Stability		This series can typically withstand 100% overbake without yellowing.	Excellent

AAMA 615 (Organic Coatings on Plastic Profiles) specifications.

Characteristic	AAMA 615 Result
Specific Gravity	1.05
Vapor Density	Heavier than air
Evaporation Rate	Slower than ether
VOC	1.55 lb./gal.; 188 gm/ltr
Boiling Point	340° F (171° C)
Approx. % Solid by Weight	42±2%
Approx. % Solid by Volume	39±2%
Weight per gallon	8.74 lbs.
Flash Point	175°F CC
Solvent Resistance:	lacquer thinner, acetone, MEK, gasoline, xylene-50 double rubs with saturated cloth
Pencil Hardness	HB Minimum
Flexibility	1/8" conical mandrel
Impact Resistance	Forward 180 inch-pounds, Reverse 180-inch-pounds
Taber Abrasion	CS17 wheel, 1,000 gm load (100 mg loss/1,000 cycles)
Theoretical Coverage at 1 mil	665 ft <sup>2</sup> (1604 x 39.2% solids by volume)
Dry Time (Air Dry)	Recoat - 10 mminutes @ 50% humidity and 75° F
Dry Time (Air Dry)	Dust free - 20 minutes @ 50% humidity and 75° F
Dry Time (Air Dry)	Dry to handle - 45 minutes @ 50% humidity and 75° F

# WARRANTIES:

You can be assured your finishes are backed by one of the best warranties in the industry.

Standard coverages as of November 1, 2017:

	Residential (Single-Family Dwelling)	Commercial (Multi-Family Dwelling/Commercial Bldg.)
2604 Finish (painted aluminum)	10 years	5 years
2605 Finish (painted aluminum)	20 years	15 years
615 Finish (painted vinyl exterior)	10 years	5 years
Vinyl Material (non-painted)	20 years	5 years
Wood Grain Vinyl (non-painted)	10 years	5 years
Anodized Aluminum (Class I)	3 years	3 years

Warranties are non-transferrable and apply to the original owner only. Other exclusions may apply. For full warranty information, please go to [www.quakerwindows.com/support](http://www.quakerwindows.com/support)

## ABOUT OUR PAINT SUPPLIERS:

At Quaker, we go to great length to provide your windows with the finest paint finish available. That's why we partner with the finest paint manufacturers in the United States.



TCI Powder Coatings is the premier powder coating supplier for numerous industries. Based in Ellaville, Georgia, TCI provides coatings for our aluminum windows and doors as well as our wood clad windows and doors.



Blue River Coatings of Hastings, Nebraska is a top producer of water-based paints for the window and door industry. Their world-class paints are used for our vinyl products with painted exteriors.

## THE ENVIRONMENTAL CHOICE:

As part of our Green initiative, we employ only environmentally-friendly paint coatings.

Powder-coatings for our aluminum windows and doors emit nearly zero VOC's (Volatile Organic Compounds) into the air. Also almost all of our over-spray is reclaimed thus eliminating waste.

The water-based paints used for our vinyl window and door exteriors contain no lead or chromates, emit very low VOC's, are non-photochemically reactive, and are considered non-hazardous by EPA definitions.



## THE QUAKER DIFFERENCE:

What is "The Quaker Difference"?

- It's our Paint Specialists providing unparalleled attention to detail as they paint your windows and doors.
- It's multiple quality checks utilized throughout the painting process to guarantee paramount adhesion and durability.
- It's using paint that is extensively tested to handle the perils of Mother Nature, from the searing hot sun to corrosive coastal salt spray.
- It's a standard of engineering, craftsmanship and engineering excellence we build into every product, distinguishing us from all other window and door companies in America.

That's "The Quaker Difference".



Freeburg, Missouri

[www.quakerwindows.com](http://www.quakerwindows.com)

[www.quakercommercialwindows.com](http://www.quakercommercialwindows.com)

800-347-0438



Although every effort is made, the colors shown here may not perfectly reflect the actual paint color once it has been applied. For an exact color match, please contact your Quaker dealer. Quaker Windows & Doors does not assume any responsibility for any misrepresentations of our colors.