

# POWDER COATING



*Joie De Vivre House - Lake Oswego, OR  
Barclay Home Design  
Photo: Blackstone Edge Studios (Philip Clayton-Thompson)*

Choosing aluminum windows and doors for a project is a decision that will nearly endure a lifetime. With endless color and shade possibilities, UV-resistant powder coating provides a durable surface treatment to reduce maintenance. Simple cleaning with some water, a sponge and a neutral, non-scratching soap, will allow the finish to withstand the test of time without having to invest in paint or varnish.

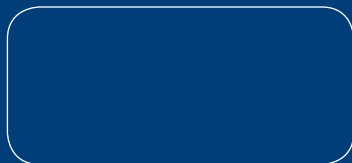
Moreover, powder coating is an environmentally friendly way to paint your windows and doors which excludes the use of VOC's (Volatile Organic Compounds) and requires less energy than many other surface treatments. Similar to anodizing, powder coating is highly resistant against UV radiation and protects against corrosion.

In the first step of the powder coating process, the aluminum is degreased, etched and a protective conversion layer is put on the surface. Next, a negative charge is applied on the powder particles, to attach the powder coating to the grounded aluminum. Finally, profiles are cured in an oven in order to polymerize the powder coating into a stable, high quality, scratch resistant finish.

Reynaers offers the following ranges of AAMA finishes:

- **AAMA 2603** (Qualicoat class I) : Available in all RAL colors. See the Reynaers RAL color swatch for details.
- **AAMA 2604** (Qualicoat class II) : Available in a wide range of RAL colors, including the standard colors described in this brochure and a series of colors that give an anodized look to your profiles.
- **AAMA 2605** (Hyper Durable Colors) : Available in seven standard colors as outlined within this brochure.

AAMA 2603 and AAMA 2604 color ranges can be delivered in either Matte or Fine Textured finish. AAMA 2605 colors are available in standard Matte finish only. All samples in this brochure are in Matte finish.



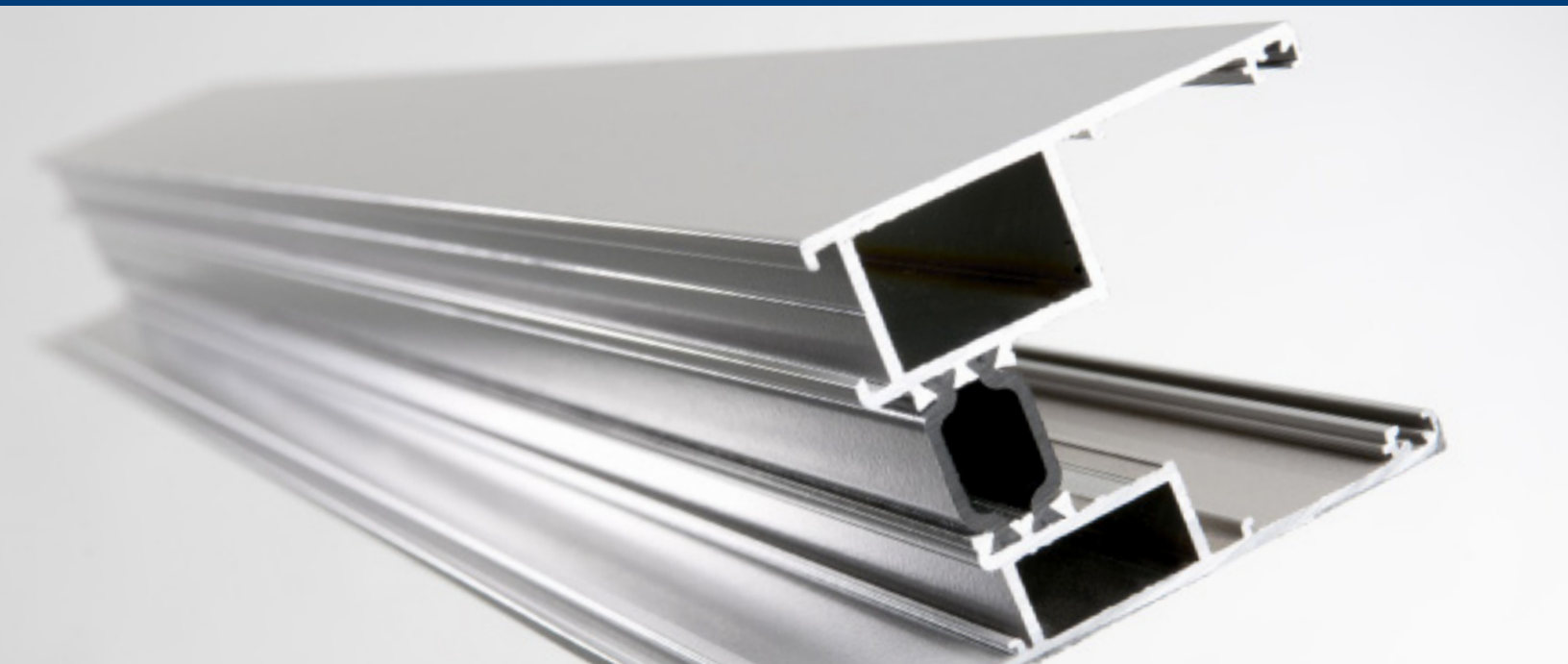
**Matte**



**Fine textured\***

Reynaers focuses on quality and sustainability, offering all treatments according the American AAMA and certified European Qualicoat standards. For European sourced extrusions, we partner with Axalta Coating Systems to source class I and class II powder coatings and Oxyplast for hyper durable colors. All products are finished with a minimum 60 microns (2.4mil) of powder, which far exceeds AAMA requirements providing a superior finish coat.

Powder coating is performed at Reynaers' plants in Europe as well as US suppliers audited by Reynaers specialists. For more information, contact your local Reynaers representative.





**Oyster white**  
1013  
79 1M13-2 | 49 1T13-2\*



**Basalt grey**  
7012  
79 7M12-2 | 49 7T12-2\*



**Slate grey**  
7015  
79 7M15-2 | 49 7T15-2\*



**Anthracite grey**  
7016  
79 7M16-2 | 49 7T16-2\*



**Black grey**  
7021  
79 7M21-2 | 49 7T21-2\*



**Umbra grey**  
7022  
79 7M22-2 | 49 7T22-2\*



**Graphite grey**  
7024  
79 7M24-2 | 49 7T24-2\*



**Stone grey**  
7030  
79 7M30-2 | 49 7T30-2\*



**Window grey**  
7040  
79 7M40-2 | 49 7T40-2\*



**Traffic grey B**  
7043  
79 7M43-2 | 49 7T43-2\*



**Telegrey 4**  
7047  
79 7M47-2 | 49 7T47-2\*



**Signal white**  
9003  
79 9M03-2 | 49 9T03-2\*



**Signal black**  
9004  
79 9M04-2 | 49 9T04-2\*



**Jet black**  
9005  
79 9M05-2 | 49 9T05-2\*



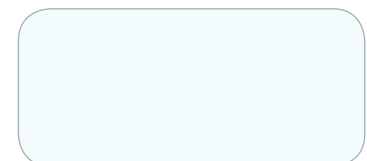
**Metallic alu**  
9006  
79 9M06-2 | 49 9T06-2\*



**Metallic grey alu**  
9007  
79 9M07-2 | 49 9T07-2\*



**Graphite black**  
9011  
79 9M11-2 | 49 9T11-2\*



**Traffic white**  
9016  
79 9M16-2 | 49 9T16-2\*

ANODIZED LOOK



**Black**  
99t ABLA-2



**Wine red**  
3005  
79 3M05-2 | 49 3T05-2\*



**Gentian blue**  
5010  
79 5M10-2 | 49 5T10-2\*



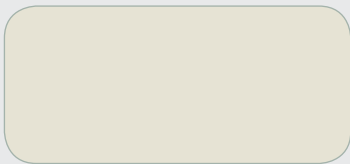
**Dark Bronze**  
99T ABWN-2



**Pigeon blue**  
5014  
79 5M14-2 | 49 5T14-2\*



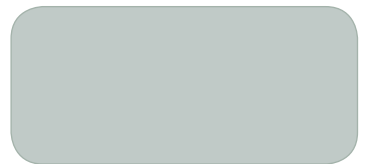
**Pale green**  
6021  
79 6M21-2 | 49 6T21-2\*



**Nature**  
99T ANAT-2

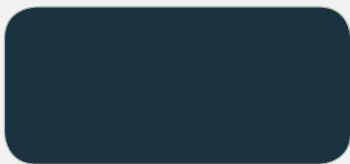


**Beige grey**  
7006  
79 7M06-2 | 49 7T06-2\*



**Light grey**  
7035  
79 7M35-2 | 49 7T35-2\*

HYPER DURABLE RAL COLORS



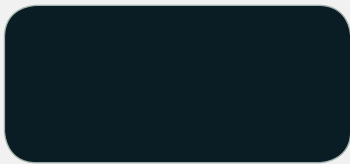
**Anthracite grey**  
7016  
79 7m16-3



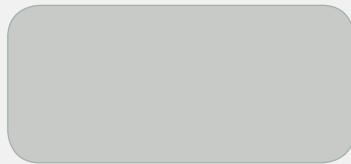
**Quartz grey**  
7039  
79 7M39-2 | 49 7T39-2\*



**Grey brown**  
8019  
79 8M19-2 | 49 8T19-2\*



**Black grey**  
7021  
79 7m21-3



**Light grey**  
7035  
79 7m35-3



**Signal white**  
9003  
79 9m03-3



**Jet black**  
9005  
79 9m05-3



**Metallic alu**  
9006  
79 9m06-3



**Graphite black**  
9011  
79 9m11-3

## STANDARD COLORS AAMA 2604

1013	Oyster white	7021	Black grey	8019	Grey brown
3005	Wine red	7022	Umbra grey	9003	Signal white
5010	Gentian blue	7024	Graphite grey	9004	Signal black
5014	Pigeon blue	7030	Stone grey	9005	Jet black
6021	Pale green	7035	Light grey	9006	Metallic alu
7006	Beige grey	7039	Quartz grey	9007	Metallic grey alu
7012	Basalt grey	7040	Window grey	9011	Graphite black
7015	Slate grey	7043	Traffic grey B	9016	Traffic white
7016	Anthracite grey	7047	Telegrey 4		

## ANODIZED LOOK COLORS AAMA 2604

Black	Dark Bronze	Nature
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## HYPER DURABLE RAL COLORS AAMA 2605

7016	Anthracite grey	9003	Signal white	9006	Metallic alu
7021	Black grey	9005	Jet black	9011	Graphite black
7035	Light grey				

## WARRANTY

Subject to the terms of the limited warranty, Reynaers warrants that aluminum parts treated by Reynaers will not have any detachments, flaking, blisters, corrosion, discoloring and/or loss of gloss exceeding predefined tolerances (e.g. AAMA 2603, 2604, 2605).\*\*

Painted & anodized finishes: Limited three (3) year warranty - unless within 3 miles of salt water, then a limited one (1) year warranty applies.

- If pre-anodization is used, a warranty on corrosion can be extended to a limited ten (10) year warranty.
- This limited warranty covers the cost of labor and material to repaint the affected aluminum areas at the site where the product is located.
- In case of corrosive atmospheres, a prior agreement must have been reached with Reynaers regarding the surface treatment process.

Reynaers Inc. offers a broad selection of standard colors combined with different corrosion protection levels for the selection of the best fit surface treatment for a specific project.

## GENERAL REMARKS

- The color samples in this brochure are just an indication of the final product color/shade, actual product colors/shades may vary slightly.
- If combining different elements with the same RAL color, it is important to verify the details of the powder coating used on all complementary products

\*\* For complete warranty, please see the *Reynaers Inc. Limited Warranty*.



**TOGETHER FOR BETTER**

*Multi-Residential Project - Brooklyn, NY*

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