Reynobond® & Reynolux®
standard architectural finishes

Reynobond Aluminum Composite Material and Reynolux aluminum wall panels and flat sheet are protected and colored with enhanced, high-performance Colorweld® 500 coatings – ensuring consistent color matching between products. These finishes feature 70% Kynar 500®/ Hylar 5000® polyvinylidene fluoride (PVDF) resins with Fluoropolymer technology, coil coated to ensure the highest color uniformity and quality. They provide excellent flexibility and film adhesion for forming and offer superior resistance to humidity, impact, salt spray, pollution and abrasion. With a 30-year finish warranty, Colorweld 500 coatings exhibit outstanding color and gloss retention and improved hardness and durability, and they are considered the premier architectural coatings for metal.
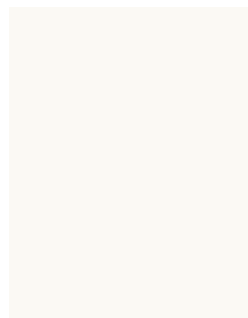
Colorweld® 500
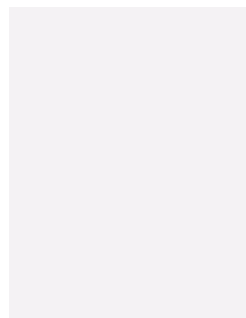
SERIES ONE
Standard Finishes

All Reynobond colors are stocked in 62"-wide coil. Ask about availability in 50"-wide coil.

Call for availability of matching Reynolux colors in 0.040" x 48" widths. Other gauges and widths available upon request with minimum quantities and charges.
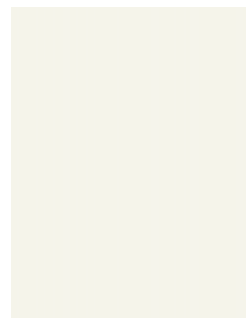
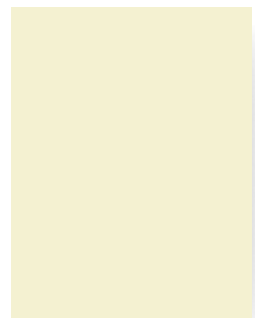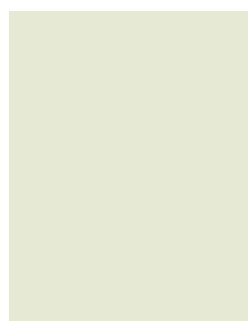*For other Reynolux industry standard "non-stocking" colors, check for availability.*

Pure White*	*Bone White**	*Frisco White**	*Oyster White**
Castle Grey*	*Pueblo Tan**	*Cadet Grey**	*Classic Green**
Konig Blue*	*Brite Red**	*Classic Bronze*	*Deep Black*
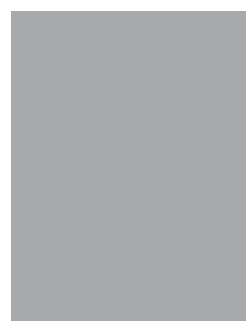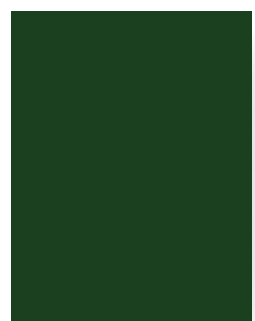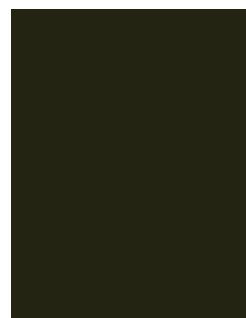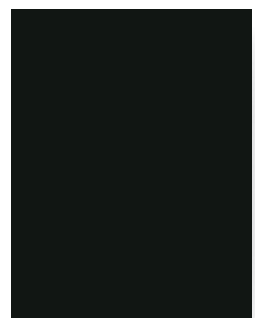
Colorweld® 500XL

When estimating, fabricating and erecting, the appearance of a metallic paint finish may vary according to the direction from which it is viewed. For color consistency, it is best to order all material required at one time and in the same width.

Bright Silver Metallic*

Champagne Metallic*

Copper Penny*

Pewter

Platinum*

Vancouver Copper*

SERIES THREE
Premium Anodic Mica Finishes available on a project-specific basis**

Anodic Clear*

Anodic Satin*

Anodic Bronze*

Opaque Finishes

These 2-coat finishes typically consist of a 0.2 mil primer and a 0.8 mil color coat, for a nominal dry film thickness of 1.0 mil.

Mica Finishes

These 2-coat finishes typically consist of a 0.2 mil primer and a 0.8 mil color coat with mica flakes suspended in the finish. Nominal dry film thickness is 1.0 mil.

Metallic Finishes

These 3-coat finishes typically consist of a 0.2 mil primer, a 0.8 mil color coat and a 0.5 mil clear top coat, for a nominal dry film thickness of 1.5 mils.

Check website for details. Availability is subject to change. Minimum quantities apply. Please consult your Alcoa Architectural Products representative for specific availability.

 * Environment-friendly cool-pigment finish.

** Series Three colors are formulated to closely resemble popular anodized colors used on curtain wall profiles. Certain colors are gauge and width specific.

Paint Finish Performance

Property	Test Method	Opaque	Mica	Metallic
Specular Gloss (60%)	ASTM D523	25-35	25-35	25-35
Pencil Hardness	ASTM D3363	F-2H	F-2H	F-2H
Flexibility (T-bend)	ASTM D4145	0-2 T-bend; No pick off	0-2 T-bend; No pick off	0-2 T-bend; No pick off
Reverse Impact	ASTM D2794	No cracking or adhesion loss	No cracking or adhesion loss	No cracking or adhesion loss
Salt Spray Resistance *5% Salt Fog @ 95° F*	ASTM B117	Passes 4000 hrs	Passes 4000 hrs	Passes 4000 hrs
Humidity Resistance *100% RH @ 95° F*	ASTM D2247	Passes 4000 hrs	Passes 4000 hrs	Passes 4000 hrs
Color Retention *10 yrs @ 45°, South Florida*	ASTM D2244	Max 5 fade	Max 5 fade	Max 5 fade
Chalk Resistance *10 yrs @ 45°, South Florida*	ASTM D4214	Max 8 chalk	Max 8 chalk	Max 8 chalk

Colorweld® 500 and Colorweld® 500XL coatings exceed AAMA 2605 and AAMA 620 performance requirements. All coatings are thoroughly tested and backed by the strength and integrity of Alcoa. Alcoa Architectural Products Colorweld 500 and Colorweld 500XL coatings come with a 30-year finish warranty. Please consult factory for warranty information.

It is extremely important to note that all mica and metallic finishes exhibit coil-coating grain flow and paint directionality. This is a result of the coil-coating process and the inherent optical diffusion and reflection caused by the mica and metallic flakes in the paint. A consistent panel layout, relative to the directional arrows on the protective film of each Reynobond® panel, must be taken into consideration during design, fabrication and installation.

Solar Reflectance Value (SRV)

Colorweld 500	Value	Colorweld 500XL	Value
Pure White	68.1	Bright Silver	70.6
Bone White	68.2	Champagne Metallic	52.8
Frisco White	69	Copper Penny	39
Oyster White	63	Pewter	19.3
Castle Grey	48.1	Platinum	51.8
Pueblo Tan	51.1	Vancouver Copper	37.1
Cadet Grey	33.3	Anodic Clear	56
Classic Green	27	Anodic Satin	49.6
Konig Blue	32.2	Anodic Bronze	35.2
Brite Red	34.8		
Classic Bronze	9		
Deep Black	4.5		

*For more information and availability, visit **reynobond.com** or **reynolux.com**. Or contact your Alcoa Architectural Products representative.*

Alcoa Architectural Products

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