

Reynobond® | Reynolux®



Colorweld® 500 Architectural Finishes

The colors of Reynobond®
and Reynolux®, with the industry's
first 30-year finish warranty



Reynobond® & Reynolux® standard architectural finishes

Reynobond Aluminum Composite Material and Reynolux metal wall panels and flat sheet are protected and colored with enhanced, high-performance Colorweld® 500 coatings – allowing for 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.

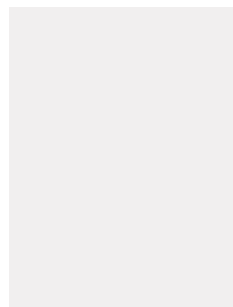
Colorweld® 500

SERIES ONE **Standard Finishes**

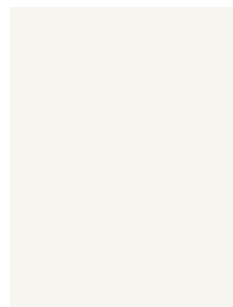
All Reynobond colors are stocked in 62"-wide coil. Ask about 50"-wide coil availability.

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.

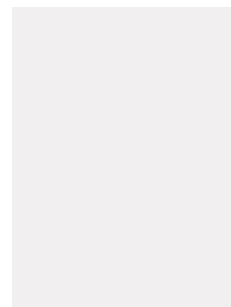
For other Reynolux industry standard "non-stocking" colors, check for availability.



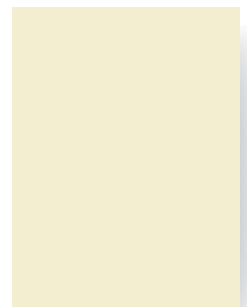
*Pure White**



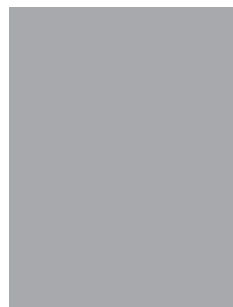
*Bone White**



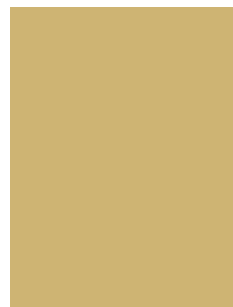
*Frisco White**



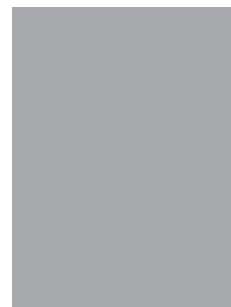
*Oyster White**



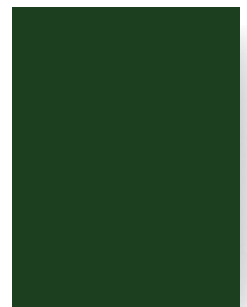
*Castle Grey**



*Pueblo Tan**



*Cadet Grey**



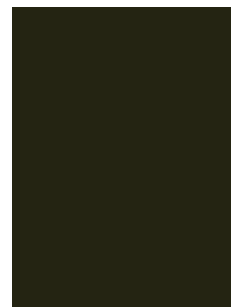
*Classic Green**



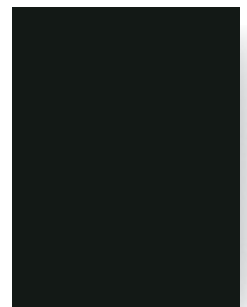
*Konig Blue**



*Brite Red**



Classic Bronze



Deep Black

Colorweld® 500

SERIES TWO Premium Mica Finishes

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

When estimating, fabricating and erecting, the appearance of a mica 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.



Pewter



Platinum*



Silversmith*



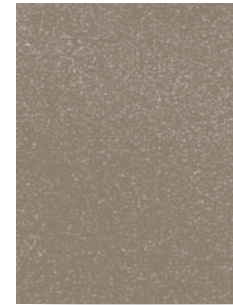
Vancouver Copper*



Anodic Clear*



Anodic Satin*



Anodic Bronze*

Colorweld® 500XL

SERIES THREE Premium Metallic Finishes

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*



Titanium*

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, for a nominal dry film thickness of 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.

Colors and patterns shown are as close to actual colors as possible within the limitations of commercial printing reproduction. Please consult your Alcoa Architectural Products Representative for product samples.

* Environment-friendly cool-pigment finish.

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 standard, Colorweld® 500 Mica and Colorweld® 500XL Metallic coatings exceed AAMA 2605 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.

Irradiative Readings

Colorweld 500	SRV [†]	SRI ^{††}	LRV ^{†††}	Colorweld 500 (Mica)	SRV [†]	SRI ^{††}	LRV ^{†††}
Pure White	68.1	81	75	Pewter	19.3	15	21
Bone White	68.2	82	75	Platinum	51.8	58	54
Frisco White	69	83	75	Silversmith	50.2	57	31.6
Oyster White	63	74	67	Vancouver Copper	37.1	39	30
Castle Grey	48.1	54	41	Anodic Clear	56	65	54
Pueblo Tan	51.1	58	48	Anodic Satin	49.6	57	40
Cadet Grey	33.3	35	35	Anodic Bronze	35.2	38	22
Classic Green	27	25	9	Colorweld 500XL (Metallic)			
Konig Blue	32.2	32	9	Bright Silver Metallic	70.6	80	64
Brite Red	34.8	35	9	Champagne Metallic	52.8	53	53
Classic Bronze	9	3	6	Copper Penny	39	41	27
Deep Black	4.5	0	5	Titanium	51.1	51	31.7

[†]Solar Reflectivity Value (SRV)

^{††}Solar Reflective Index (SRI)

^{†††}Light Reflectance Value (LRV)

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Availability subject to change. For more information, availability and Design Line product offerings, visit website or contact your Alcoa Architectural Products representative.

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