

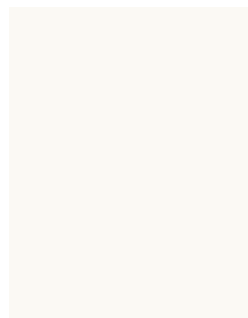
Colorweld<sup>®</sup> 300  
Architectural Finishes

# Reynobond® standard architectural finishes

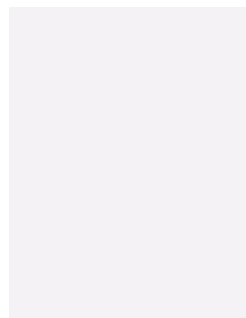
Reynobond Aluminum Composite Material is protected and colored with high-performance Colorweld® 300 coatings – ensuring precise color matching between products. These finishes feature 70% Kynar 500®/Hylar 5000® polyvinylidene fluoride (PVDF) resins, coil-coated to ensure the highest color uniformity and quality. Colorweld 300 coatings exhibit outstanding color and gloss retention and are considered the premier architectural coating for metal. They provide excellent flexibility and film adhesion for forming and offer superior resistance to humidity, impact, salt spray, pollution, abrasion and graffiti.

## Colorweld 300

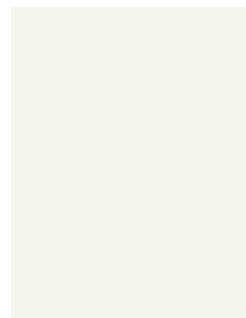
### **SERIES ONE** Standard Finishes



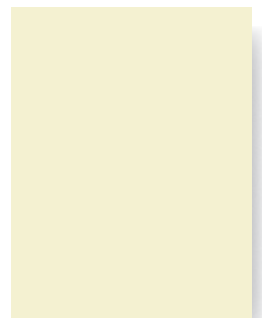
*Pure White*



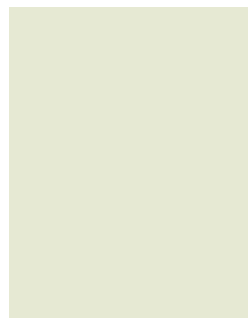
*Bone White*



*Frisco White*



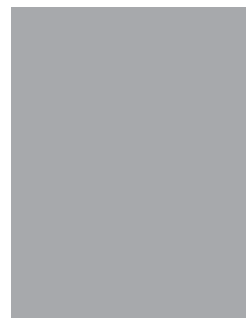
*Oyster White*



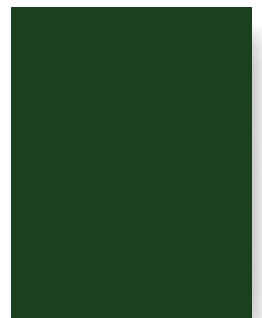
*Castle Grey*



*Pueblo Tan*



*Cadet Grey*



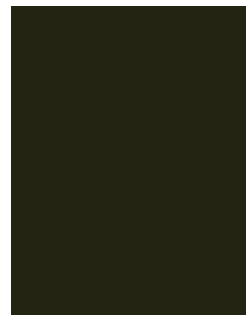
*Classic Green*



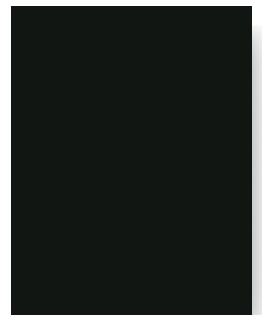
*Konig Blue*



*Brite Red*



*Classic Bronze*



*Deep Black*

# Colorweld 300XL

## SERIES TWO

**Premium Metallic and Mica Finishes available at a moderate upcharge**

*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<sup>1</sup>*



*Champagne Metallic<sup>1</sup>*



*Copper Penny*



*Pewter*



*Platinum<sup>1</sup>*



*Vancouver Copper*

## SERIES THREE

**Premium Anodic Mica Finishes available on a project-specific basis<sup>2</sup>**



*Anodic Clear<sup>1</sup>*



*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.*

<sup>1</sup> Available in matching flat sheet .040" aluminum.

<sup>2</sup> 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	20-30	20-30	25-35
Pencil Hardness	ASTM D3363	HB-H	HB-H	HB-H
Formability (T-Bend)	ASTM D4145	1T-No Cracking	1T-No Cracking	0T-No Cracking
Reverse Impact	ASTM D2794	No Cracking or Adhesion Loss	No Cracking or Adhesion Loss	No Cracking or Adhesion Loss
Abrasion Resistance – Falling Sand	ASTM D968	50-80 Liters	50-80 Liters	Minimum 130 Liters
Salt Spray Resistance (5% Salt Fog @ 95° F)	ASTM B117	Passes 3000 Hours	Passes 3000 Hours	Passes 3000 Hours
Humidity Resistance (100% RH @ 95° F)	ASTM D2247	Passes 3000 Hours	Passes 3000 Hours	Passes 3000 Hours
Atlas Weatherometer	ASTM D822	Passes 5000 Hours	Passes 5000 Hours	Passes 5000 Hours
Color Retention	ASTM D2244	Max 5 Units Change	Max 5 Units Change	Max 5 Units Change
Chalk Resistance	ASTM 4214	Max 8 Units Change	Max 8 Units Change	Max 8 Units Change

Colorweld® 300 and Colorweld® 300XL coatings exceed AAMA2605 and AAMA620 performance requirements. All coatings are thoroughly tested and backed by the strength and integrity of Alcoa. Alcoa Architectural Products Colorweld 300 and Colorweld 300XL coatings come with a standard 20-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.

*For more information and availability, visit [www.alcoaarchitecturalproducts.com](http://www.alcoaarchitecturalproducts.com). Or contact your Alcoa Architectural Products representative.*

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