

THE  
**Stock Color  
Library**



# ALUCOBOND® PLUS

3A Composites is grateful to the architectural community for embracing ALUCOBOND since its global introduction over 50 years ago. We aspire to bring value to our partners through outstanding service, industry-leading quality, and continuous innovation. As we look to the future, we remain committed to servicing the architectural community by listening to our customers and responding to the evolving needs of the market.

Our trend-forward palette represents an ongoing development of colors and finishes curated to foster creativity and ingenuity. We humbly look forward to another 50 years of shared partnership and collaboration.

Scan QR code  
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or visit us at:



[ALUCOBONDUSA.COM/SAMPLES](https://ALUCOBONDUSA.COM/SAMPLES)

## The Classic Collection

Color plays an integral role in the architectural environment; the timeless palette in our Classic Collection reflects your passion for what's possible. From classic neutrals to biophilic hues, this line offers a wide range of options to help you give shape to great ideas.

## The Spectra Collection

To add a dynamic element of fascination and movement to any architectural facade, these transitional finishes celebrate the natural color shifts that occur in the world around us – from raw natural elements to the glowing luster and sheen found in modern alloys and luxury finishes.

## The Anodized Collection

In addition to the strength and high-quality appearance that comes standard with our collections, this line uses the anodizing process to enhance the intrinsic clarity and beauty of aluminum while creating a harder, smoother, more durable surface.

## The Natural Collection

Biophilic design conceptualizes spaces in a way that acknowledges the human need to connect with nature. The finishes in the Natural Collection amplify the organic beauty and character of different elements & materials found in the world around us.

**The Element Series** finishes unify the effortless appearance of organic metals & finely textured patterns to create a vivid & memorable impression while retaining the luster of aluminum from afar.

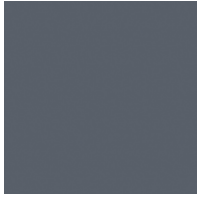
**The Terra Series** is inspired by iridescent stone & the mesmerizing beauty of crystalline surfaces, creating a unique, organic and natural ambiance.

**The Woodgrain Series** exemplifies the inherent beauty & character of natural wood unifying its effortless appearance with the outstanding durability & lightweight properties of aluminum composite.

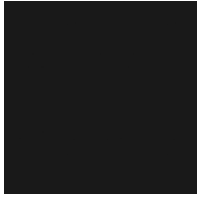
# The Classic Collection

	 <b>NEW</b>		 <b>NEW</b>		
<b>Statuary Bronze</b> PVDF 2 Gloss 25-35	<b>New-Age Dark Bronze Mica</b> PVDF 2 Gloss 20-30	<b>Driftwood Mica</b> PVDF 2 Gloss 15-25	<b>Atacama Bronze Metallic</b> PVDF 3 Gloss 25-35	<b>Hazelnut Mica</b> PVDF 2 Gloss 15-25	<b>Russet Mica</b> PVDF 3 Gloss 25-35
 <b>NEW</b>				 <b>NEW</b>	
<b>Beige</b> PVDF 2 Gloss 35-45	<b>Castle Gray</b> PVDF 2 Gloss 25-35	<b>JLR Champagne Metallic</b> PVDF 2 Gloss 20-30	<b>Anodic Satin Mica</b> PVDF 2 Gloss 20-30	<b>Epernay Champagne Metallic</b> PVDF 3 Gloss 25-35	<b>Harvest Gold Mica</b> PVDF 2 Gloss 20-30
 <b>NEW</b>	 <b>NEW</b>				
<b>Oyster</b> PVDF 2 Gloss 20-30	<b>Polyester White</b> Polyester Gloss 25-35	<b>Alabaster</b> PVDF 2 Gloss 25-35	<b>Bone White</b> PVDF 2 Gloss 25-35	<b>Pure White (RVW)</b> PVDF 2 Gloss 45-55	<b>HWH Bio White</b> PVDF 2 Gloss 40-50
 <b>NEW</b>	 <b>NEW</b>			 <b>NEW</b>	
<b>Magnolia</b> PVDF 2 Gloss 30-40	<b>Market Pearl White Mica</b> PVDF 2 Gloss 15-25	<b>Sunrise Silver Metallic II</b> PVDF 3 Gloss 25-35	<b>Brilliant Silver Metallic</b> PVDF 3 Gloss 25-35	<b>Anodic Clear Mica</b> PVDF 2 Gloss 20-30	<b>Champagne Metallic</b> PVDF 3 Gloss 25-35
		 <b>NEW</b>		 <b>NEW</b>	
<b>Platinum Mica</b> PVDF 2 Gloss 15-25	<b>Silver Metallic</b> PVDF 3 Gloss 25-35	<b>Cadet Gray</b> PVDF 2 Gloss 20-30	<b>West Pewter Mica II</b> PVDF 2 Gloss 15-25	<b>Beachstone Gray Metallic</b> PVDF 3 Gloss 25-35	<b>JLR Gray Metallic</b> PVDF 2 Gloss 25-35
 <b>NEW</b>		 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>	
<b>Steel City Silver Mica</b> PVDF 2 Gloss 15-25	<b>M2G Gray Mica II (Lexus)</b> PVDF 2 Gloss 30-40	<b>Greyhound</b> PVDF 2 Gloss 5-15	<b>Anthracite Silver Metallic</b> PVDF/FEVE Gloss 70-80	<b>Graphite Mica</b> PVDF 3 Gloss 25-35	<b>Dusty Charcoal II</b> PVDF 2 Gloss 25-35

## The Classic Collection (continued)



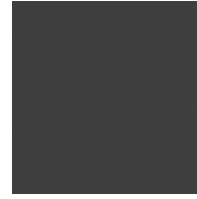
**Nissan Gray**  
PVDF 3  
Gloss 45-55



**Tri-Corn Black**  
SMP  
Gloss 25-35



**Focus Black II**  
PVDF 2  
Gloss 25-35



**TBL Black (Buick)**  
SMP  
Gloss 70-80



**Black Metallic**  
PVDF 3  
Gloss 25-35



**Spire Blue II**  
PVDF 3  
Gloss 25-35



**Azure Blue**  
PVDF 3  
Gloss 25-35



**Ultramarine Blue**  
PVDF 2  
Gloss 25-35



**Bowtie Blue II**  
SMP  
Gloss 65-75



**Image Blue**  
SMP  
Gloss 25-35



**Red Fire**  
PVDF 3  
Gloss 25-35



**Patriot Red**  
PVDF 3  
Gloss 45-55



**Carb Red**  
SMP  
Gloss 75-85

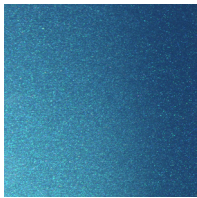


**Tuscan Sun**  
PVDF 2  
Gloss 25-35

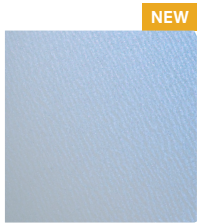


**Botanical**  
PVDF 2  
Gloss 25-35

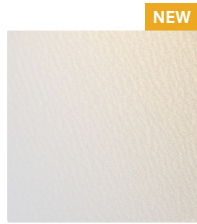
## The Spectra Collection



**Ocean**  
PVDF/FEVE  
Gloss 70-80



**Galaxy Blue**  
PVDF/FEVE  
Gloss 70-80



**White Gold**  
PVDF/FEVE  
Gloss 70-80



**Cupral**  
PVDF/FEVE  
Gloss 70-80



**Sakura**  
PVDF/FEVE  
Gloss 70-80

## The Anodized Collection

Lead time of 3-4 weeks



**Clear Anodized**  
Anodized  
Gloss 15-25



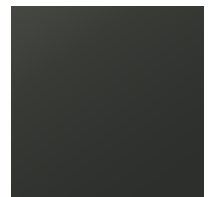
**Light Bronze Anodized**  
Anodized  
Gloss 15-25



**Medium Bronze Anodized**  
Anodized  
Gloss 15-25








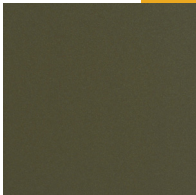
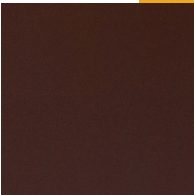
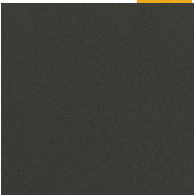
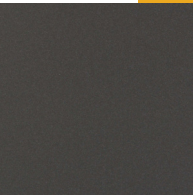
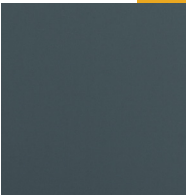






**Dark Bronze Anodized**  
Anodized  
Gloss 15-25



**Black Anodized**  
Anodized  
Gloss 15-25




## The Natural Collection **Element Series**

 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>		
<b>Aragonite Metallic</b> PVDF/FEVE Gloss 70-80	<b>Moonstone Metallic</b> PVDF/FEVE Gloss 70-80	<b>Colorado Gold Metallic</b> PVDF 3 Gloss 25-35	<b>Native Copper Mica</b> PVDF 2 Gloss 20-30	<b>Rusted Metal</b> PVDF Print Gloss 3-8	<b>Zinc</b> PVDF Print Gloss 3-8
 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>
<b>Brushed Antique Copper</b> FEVE Gloss 35-45	<b>Olivine Metallic</b> PVDF/FEVE Gloss 5-10	<b>Almandine Garnet Metallic</b> PVDF/FEVE Gloss 5-10	<b>Cubanite Metallic</b> PVDF/FEVE Gloss 5-10	<b>Serpentine Metallic</b> PVDF/FEVE Gloss 5-10	<b>Basalt Gray</b> PVDF 2 Gloss 25-35
					
<b>Brushed Carbon</b> FEVE Gloss 35-45	<b>Brushed Stainless</b> FEVE Gloss 35-45	<b>Brushed</b> FEVE Gloss 45-55	<b>Reflect Mirror*</b> Reflective <small>*Sample is meant to demonstrate the reflective qualities of the surface but is not an exact match; please request a sample to see the true mirror finish</small>		

## The Natural Collection **Terra Series**

		 <b>NEW</b>		 <b>NEW</b>	
<b>Arctic Frost</b> SMP Textured Gloss 8-12	<b>Sierra Sand</b> SMP Textured Gloss 8-12	<b>Bronze</b> SMP Textured Gloss 8-12	<b>Terracotta</b> SMP Textured Gloss 8-12	<b>Slate</b> SMP Textured Gloss 5-10	<b>Lava Nera</b> SMP Textured Gloss 5-10

## The Natural Collection **Woodgrain Series**

		
<b>Beechwood</b> PVDF Print Gloss 3-8	<b>Rustic Walnut</b> PVDF Print Gloss 3-8	<b>Chestnut</b> PVDF Print Gloss 3-8



Scan QR code with mobile camera to order samples or visit [ALUCOBONDUSA.COM/SAMPLES](http://ALUCOBONDUSA.COM/SAMPLES)

## PRODUCT DESCRIPTION

### MATERIAL COMPOSITION

- Aluminum interior and exterior facings in 0.020" nominal thickness
- 4mm total nominal thickness, including proprietary fire retardant core

### SHEET WIDTHS

- Standard coil-coated width of 62"\*
- \*Some finishes are stocked in 40", 49.2" and 50"
- Please refer to stock material list.
- Custom widths of 40" and 50" available on request

### SHEET LENGTHS

- Standard coil-coated length of 196"
- Reflect Mirror is offered in 146"
- Custom lengths for coil coating: maximum of 400"
- Custom lengths for anodized: maximum of 216"

### MINIMUM BENDING RADIUS

- The minimum bending radius of ALUCOBOND PLUS without routing the interior skin is 4"

### AVAILABLE FINISHES

- |        |             |                  |                  |
|--------|-------------|------------------|------------------|
| - PVDF | - Polyester | - Textured       | - Solids, Micas, |
| - FEVE | - Anodized  | - Print          | & Metallics      |
| - SMP  | - Brushed   | - Color-Shifting |                  |

## TECHNICAL SUMMARY

### TECHNICAL PROPERTIES

### ALUCOBOND PLUS

- |  |                               |
|--|-------------------------------|
| - Nominal thickness:                                     | 4mm                           |
| - Nominal weight:  | 1.56 lb/ft <sup>2</sup>       |
| - Coefficient of Expansion x 10 <sup>-5</sup> (in/in/°F) | 1.11                          |
| - Temperature Resistance:                                | -55° to 180° F (-48° to 82°C) |
| - Rigidity:  | 2143 lb-in <sup>2</sup> /in   |

### NORTH AMERICAN BUILDING CODE ACCEPTANCE

- IBC
- Miami-Dade County, Florida
- National Building Code of Canada
- State of Florida
- City of Los Angeles, California

### MANUFACTURING

- ALUCOBOND PLUS is made in Benton, Kentucky USA

## PAINT FINISHES

All ALUCOBOND PLUS PVDF & FEVE finishes are coated in accordance with AAMA 2605 signifying the highest-performance exterior finish standard in the industry. AAMA 2605 finishes have the best chalk, humidity, and color change performance. SMP finishes meet AAMA 2604.

- PVDF (Polyvinylidene Fluoride) Two coat PVDF paint systems are applied to solid & mica finishes which are coil-coated over a pre-treated aluminum substrate with a primer & color coat at a nominal 1.0 mil thickness. When a two coat PVDF system is used, the primer allows bonding & color consistency in the color coat to show, in lieu of having the underlying metal affect color consistency. Note, the pre-treatment is not considered one of the paint "coats." Three coat systems are solid & metallic finishes which are coil-coated over a pre-treated aluminum substrate with a primer, color coat, & clear coat at a nominal 1.5 mil thickness. The clear coat protects the aluminum flake from oxidizing & adds increased weatherability & protection against the elements.

- FEVE (Fluoropolymer Based) Base coat plus a clear coat are often used to protect bare finishes, ie. various brushed patterns. A transparent top coat is applied to the coil protecting the surface from the elements & preserves the aesthetic of the bare finish. Various tints can be applied to broaden the color palette & add to the aesthetics of a project.

- PVDF/FEVE Finish consists of 2 coats of PVDF & a clear coat of FEVE. On our Spectra finishes, the FEVE coat provides a higher gloss level & depending on the viewing angle, different wave-lengths of light are reflected, resulting in an ever-changing color gradient with iridescent highlights.

- SMP (Silicone Modified Polyester) Paint systems are a blend of polyester & silicon intermediates. Silicone acts to improve the gloss retention & weather resistance of the polyester coating.

For warranty information please contact your local ALUCOBOND Sales Manager.

## CUSTOM COLORS

If you require a custom color for your next project, our color technicians will strive to match your desired color. Please note, custom color orders are subject to set-up charges and require a 1,000 sq. ft. minimum per color. Exact matches are not always possible due to different inks & pigments used in various industries & application methods. Matching a color created by a spray method, particularly a metallic, may not match with a color created on a roll coated method.

To ensure that we identify your color correctly, we require either:

- A hand sample of at least 1" x 1", OR
- Pantone®, RAL, NCS or paint code reference

Please reach out to your local sales manager to aid with the process at:  
[ALUCOBONDUSA.COM/SALES-REP](http://ALUCOBONDUSA.COM/SALES-REP)

Send the color sample along with your name, company name, address, phone number & email, as well as the project name, project location, type of finish and gloss level to:

**3A Composites USA**  
**Attn: Color Lab**  
**208 West Fifth Street**  
**Benton, KY 42025**

