

THE

## Stock Color Library

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Color plays an integral role in the architectural environment, and our trend-forward palette has been carefully designed to inspire your next project. From classic neutrals to biophilic hues, ALUCOBOND® PLUS offers a wide range of options to help you give shape to great ideas.

SPECTRA COLLECTION: OCEAN



The Classic Collection

					
<b>Russet Mica</b> PVDF 3 / SRI 38	<b>Hazelnut Mica</b> PVDF 2 / SRI 40	<b>Harvest Gold Mica</b> PVDF 2 / SRI 36	<b>Anodic Satin Mica</b> PVDF 2 / SRI 43	<b>Anodic Clear Mica</b> PVDF 2 / SRI 55	<b>West Pewter Mica</b> PVDF 2 / SRI 34
					
<b>Red Fire</b> PVDF 3 / SRI 47	<b>Statuary Bronze</b> PVDF 2 / SRI 41	<b>Driftwood Mica</b> PVDF 2 / SRI 40	<b>Castle Gray</b> PVDF 2 / SRI 56	<b>JLR Gray Metallic</b> PVDF 2 / SR 38	<b>MZG Gray Mica II</b> PVDF 2 / SRI 31.92
					
<b>Patriot Red</b> PVDF 3 / SRI 54	<b>Oyster</b> PVDF 2 / SRI 81	<b>Bone White</b> PVDF 2 / SRI 81	<b>Alabaster</b> PVDF 2 / SRI 87	<b>Brilliant Silver Metallic</b> PVDF 3 / SRI 73	<b>Cadet Gray</b> PVDF 2 / SRI 51
					
<b>Carb Red</b> SMP / SRI 35	<b>Polyester White</b> Polyester / SRI 81	<b>Pure White (RVW)</b> PVDF 2 / SRI 93	<b>HWH Bio White</b> PVDF 2 / SRI 87	<b>JLR Champagne Metallic</b> PVDF 2 / SRI 63	<b>Platinum Mica</b> PVDF 2 / SRI 61
					
<b>Silver Metallic</b> PVDF 3 / SRI 58	<b>Sunrise Silver Metallic II</b> PVDF 3 / SRI 73	<b>Champagne Metallic</b> PVDF 3 / SRI 48	<b>Nissan Gray</b> PVDF 3 / SRI 6	<b>Dusty Charcoal</b> PVDF 2 / SRI 30	<b>Focus Black II</b> PVDF 2 / SRI 0
					
<b>Image Blue</b> SMP / SRI 39	<b>Bowtie Blue II</b> SMP / SRI 33	<b>Azure Blue</b> PVDF 3 / SRI 34	<b>Spire Blue II</b> PVDF 3 / SRI 23	<b>TBL Black</b> SMP / SRI -1.59	<b>Tri-Corn Black</b> SMP / SRI -4.49

All Classic finishes are stocked in 4mm PLUS core

The Natural Collection

The Element Series

					
<b>Reflect Mirror*</b> Reflective	<b>Brushed</b> FEVE / SRI 84	<b>Brushed Stainless</b> FEVE / SRI 39	<b>Brushed Carbon</b> FEVE / SRI 5	<b>Zinc</b> PVDF	<b>Rusted Metal</b> PVDF

\*Image is meant to demonstrate the reflective qualities of the surface; please request a physical sample to see actual mirror finish

The Terra Series

			
<b>Arctic Frost</b> SMP	<b>Sierra Sand</b> SMP	<b>Terracotta</b> SMP	<b>Lava Nera</b> SMP

The Woodgrain Series






		
<b>Beechwood</b> PVDF	<b>Chestnut</b> PVDF	<b>Rustic Walnut</b> PVDF

The Spectra Collection

				
<b>White Gold</b> PVDF + FEVE / SRI 96	<b>Sakura</b> PVDF + FEVE / SRI 46	<b>Galaxy Blue</b> PVDF + FEVE / SRI 61	<b>Ocean</b> PVDF + FEVE / SRI 21	<b>Cupral</b> PVDF + FEVE / SRI 49

The Anodized Collection

Lead time of 3-4 weeks

				
<b>Clear</b> SRI 78	<b>Light Bronze</b> SRI 24	<b>Medium Bronze</b> SRI 16	<b>Dark Bronze</b> SRI 6	<b>Black</b> SRI 1

All specialty finishes are stocked in 4mm PLUS core

## 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 - Anodized
- FEVE - Monochromatics, Micas, & Metallics
- SMP - Brushed
- Polyester - Spectra

## 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 clear 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 is applied to our Spectra color-shifting finishes consisting of 2 coats of PVDF & a clear coat of FEVE. The FEVE finish 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.

## SRI (SOLAR REFLECTANCE INDEX)

SRI measures a paint finish's ability to reject solar heat, as shown by a small temperature rise.

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**

