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.
The Classic Collection

- Russet Mica: PVDF 3 / SRI 38
- Hazelnut Mica: PVDF 2 / SRI 40
- Harvest Gold Mica: PVDF 2 / SRI 36
- Anodic Satin Mica: PVDF 2 / SRI 43
- Anodic Clear Mica: PVDF 2 / SRI 56
- West Pewter Mica II: PVDF 2 / SRI 34
- Driftwood Mica: PVDF 2 / SRI 40
- Castle Gray: PVDF 2 / SRI 56
- JLR Gray Metallic: PVDF 2 / SRI 38
- MZO Gray Mica II: PVDF 2 / SRI 51
- Oyster: PVDF 2 / SRI 81
- Bone White: PVDF 2 / SRI 87
- Brilliant Silver Metallic: PVDF 3 / SRI 73
- Cadet Gray: PVDF 2 / SRI 51
- Pure White: PVDF 2 / SRI 93
- HWH Bio White: PVDF 2 / SRI 87
- JLR Champagne Metallic: PVDF 2 / SRI 63
- Platinum Mica: PVDF 2 / SRI 61
- Silver Metallic: PVDF 3 / SRI 56
- Sunrise Silver Metallic II: PVDF 3 / SRI 48
- Champagne Metallic: PVDF 3 / SRI 30
- Dusty Charcoal: PVDF 2 / SRI 30
- Focus Black II: PVDF 2 / SRI 0
- Image Blue: SMP / SRI 39
- Bowtie Blue II: SMP / SRI 35
- Azure Blue: PVDF 3 / SRI 34
- Spire Blue II: PVDF 3 / SRI 23
- TBL Black: SMP / SRI -1.59
- Tri-Com Black: SMP / SRI -4.49

The Natural Collection

The Element Series

- Reflect Mirror*: Reflective
- Brushed FEVE / SRI 84
- Brushed Stainless FEVE / SRI 39
- Brushed Carbon FEVE / SRI 5
- Zinc PVDF
- Rusted Metal 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

- Arctic Frost: SMP
- Sierra Sand: SMP
- Terracotta: SMP
- Lava Nera: SMP

The Woodgrain Series

- Beechwood: PVDF
- Chestnut: PVDF
- Rustic Walnut: PVDF

The Spectra Collection

- White Gold: PVDF + FEVE / SRI 86
- Sakura: PVDF + FEVE / SRI 46
- Galaxy Blue: PVDF + FEVE / SRI 61
- Ocean: PVDF + FEVE / SRI 21
- Cupral: PVDF + FEVE / SRI 49

The Anodized Collection

- Clear: SRI 78
- Light Bronze: SRI 24
- Medium Bronze: SRI 16
- Dark Bronze: SRI 6
- Black: SRI 1

All Classic finishes are stocked in 4mm PLUS core

Lead time of 3-4 weeks

All specialty finishes are stocked in 4mm PLUS core

ALUCOBONDUSA.COM / 800.626.3365

ALUCOBONDUSA.COM / 800.626.3365
### 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

<table>
<thead>
<tr>
<th>ALUCOBOND PLUS</th>
<th>PVDF &amp; FEVEFinishes</th>
<th>SMP Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal thickness:</td>
<td>4mm</td>
<td>- Nominal thickness:</td>
</tr>
<tr>
<td>Nominal weight:</td>
<td>1.56 lb/ft²</td>
<td>- Nominal weight:</td>
</tr>
<tr>
<td>Coefficient of Expansion x 10⁻⁵ (in/in/°F)</td>
<td>1.11</td>
<td>- Coefficient of Expansion x 10⁻⁵ (in/in/°F)</td>
</tr>
<tr>
<td>Temperature Resistance:</td>
<td>-55˚ to 180˚ F (-48˚ to 82˚C)</td>
<td>- Temperature Resistance:</td>
</tr>
<tr>
<td>Rigidly:</td>
<td>2143 lb-in²/in</td>
<td>- Rigidly:</td>
</tr>
</tbody>
</table>

### 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”;
- 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

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