

ALUCOBOND®

GIVING SHAPE TO GREAT IDEAS

THE

Brand Identity Program



Jaguar Land Rover
ALUCOBOND PLUS: JLR Champagne Metallic, JLR
Gray Metallic
© Manuel Panaget

ALUCOBONDUSA.COM / 800.626.3635

Who We Are

As an industry leader, **ALUCOBOND®** brand aluminum composite material (ACM) has been a trusted architectural cladding for over 50 years. Sought after for its outstanding product attributes such as flatness, formability, and ease of fabrication, ALUCOBOND products allow architects and fabricators to bring distinctive and exciting visions to life.

ALUCOBOND PLUS, our fire retardant core has been developed exclusively to allow architects and designers to meet today’s fire performance requirements set by the International Building Code (IBC) while using ACM as the material of choice.

Made in the USA, ALUCOBOND is

manufactured by 3A Composites USA. Our domestic production capabilities allow for timely product delivery, supporting on-time project completion. Our trend forward standard colors and finishes and array of custom color options lend to creating inspiring architectural concepts and influential brand elements.

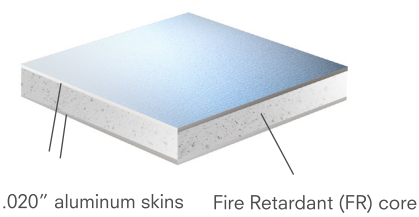
We understand that developing Brand Identity goes far beyond color palettes,

logos and taglines. We’re here to help you bring your Brand Identity to life.

As such we provide dedicated support for stakeholder communications, expertise in color selection and customization, specification support, a trusted global fabricator network, and longevity in product and life cycle.

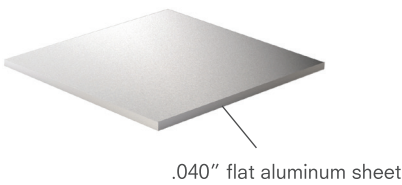
Supporting your
unique **brand**
experience is at
the forefront of our
service offerings.

ALUCOBOND® Products



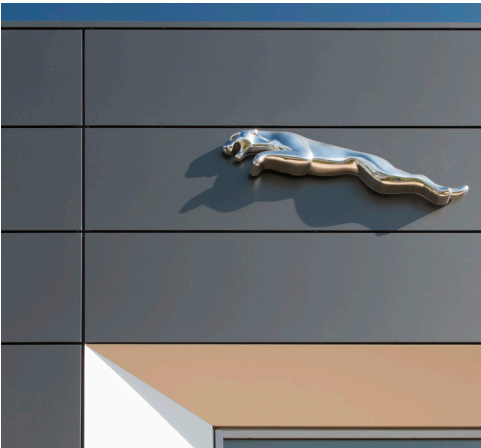
ALUCOBOND® PLUS

4mm ACM comprised of two sheets of smooth .020” aluminum thermobonded to a solid, fire retardant core. Developed exclusively to meet fire performance requirements while providing the benefits and versatility of ACM.



ALUCOBOND® AXCENT™

A solid .040” flat aluminum sheet that offers the perfect complement to ALUCOBOND PLUS. ALUCOBOND AXCENT is excellent for columns, parapet caps, canopies, soffits, and trim.



© Manuel Panaget



Norwegian Cruise Line Terminal B “The Pearl of Miami” in ALUCOBOND PLUS Custom Norwegian White

ALUCOBOND Properties & Benefits



89 STANDARD ACM COLORS
Complementary flat aluminum sheet colors available.



FLATNESS AND RIGIDITY
Meet design intent without the appearance of oil canning.



LIGHTWEIGHT
Lighter than traditional construction materials, allowing for fast and easy installation.



DURABLE
ALUCOBOND is certified for a service life of 50 years minimum.



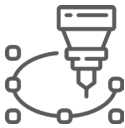
FORMABILITY
ALUCOBOND may be cold formed in a pyramid roller or press brake.



EASE OF FABRICATION
Compatible with various fabrication machinery and techniques.



CUSTOM COLOR EXPERTISE
We will match hand samples, Pantone®, RAL, NCS or other paint code reference in desired gloss levels and textures.



PERFORATION CAPABILITIES
Solid, mica and metallic finishes may be perforated in geometric, slotted or customized patterns.



CONTRIBUTES LEED POINTS
ALUCOBOND PLUS and AXCENT contribute toward LEED credit for recycled content.



ZERO VOC’S EMITTED IN USE
Zero VOC’s are emitted from installed panels. Additionally, panels are coil-coated in a factory that captures & destroys 99% of VOC’s.



EPD MEETS ISO STANDARDS
ALUCOBOND has an industry Environmental Product Declaration (EPD) in accordance with International ISO Standards, certifying a service life of 50 years.



100% RECYCLABLE
ALUCOBOND is a 100% recyclable material, meaning the core material and the aluminum skins can be returned to the material cycle and reused in new products.

“The design of the **AC Hotel Dallas by the Galleria** is rooted in the abstract ideas of Catalan Modernism which finds particular significance by way of the **AC brand’s Spanish heritage**. Expressed using the sharp-edged geometries of the facade, the building simultaneously embodies the characteristic plasticism of the Catalan ethos and the pragmatism defining the Dallas lifestyle.”

- 5G Studio Collaborative via ArchDaily

ALUCOBOND Brand Identity Program

ALUCOBOND®
GIVING SHAPE TO GREAT IDEAS



Stakeholder Communications

- Our Brand Identity Program is led by a dedicated Brand Identity Manager and in-house Custom Color Lab
- Sales, technical and design resources allow effective and clear communication with all parties involved for a successful brand rollout



Specification Support

- Technical resources eliminate confusion in the field and unnecessary billed hours spent on requests for information
- [Build Your Custom Spec](#)
- [Download the Exterior and Interior Master Specifications](#)
- [Access PDF or DWG Details for Exterior and Interior Systems](#)



Color Selection

- ALUCOBOND offers a wide variety of trend-forward colors and finishes in our standard [Color Library](#)
- Complementary custom color match is available by experts in our Custom Color Lab with over 40 years experience
- Brand color samples can be developed in varying gloss levels and textures



Fabricator Network

- ALUCOBOND PLUS and ALUCOBOND AXCENT are manufactured in various widths and lengths and supplied to our fabrication partners
- Our trusted fabrication partners provide the fabricated system to meet your design intent
- Fabricators provide various services and skills that ensure materials are consistent and repeatable
- We will coordinate joint calls to discuss designs, schedules, budgets, and more



Longevity

- With over 50 years experience, we continue to improve our process to supply a product that stands the test of time
- All colors and finishes come with a leading industry Warranty
- We provide cleaning and maintenance best practices that promote the best possible product life cycle
- Our goal is to ensure that ALUCOBOND sustains the desired aesthetic for decades to come

AC Hotel Dallas by the Galleria
ALUCOBOND PLUS Alabaster
Photos: © Adam Mørk

How We Meet Branding Needs

Commonly Asked Questions

Design Intent

What is required for a custom color match, and will it be an additional fee?
We offer free custom color matching services. See your brand colors in different gloss levels and textures that uniquely convey your distinct brand message. We’re here to guide you through the process. We require a hand sample of at least 1” x 1”, or Pantone®, RAL, NCS or other paint code reference for matching. Our Color lab is located at our ALUCOBOND plant in Benton, Kentucky.

Are there limitations to my design concepts when working with ALUCOBOND materials?
ALUCOBOND is a versatile material that lends to the feasibility of varying design intents ranging from simple to complex. View the range of [applications](#) and [fabrication techniques](#) to receive a better understanding of how ALUCOBOND may be cut, bent, routed, curved, perforated, joined, adhered and fastened. Our web-based visualization program, [Facademaker](#), allows you to manipulate facade design and typology in ALUCOBOND colors and finishes, choose your proportions, and transform panel angles and positioning to envision your concept. Facademaker is also a resource for development - export a PDF or request a BIM Object or DWG file directly from Facademaker.

Customer Service

Will I receive a dedicated Customer Service Representative?
ALUCOBOND’s Brand Identity Program has a dedicated Brand Identity Manager, and dedicated Customer Service representative to support you from start to finish. We also have a Custom Color Lab located directly in our manufacturing plant committed to Brand Identity services.

Brand Rollout Support

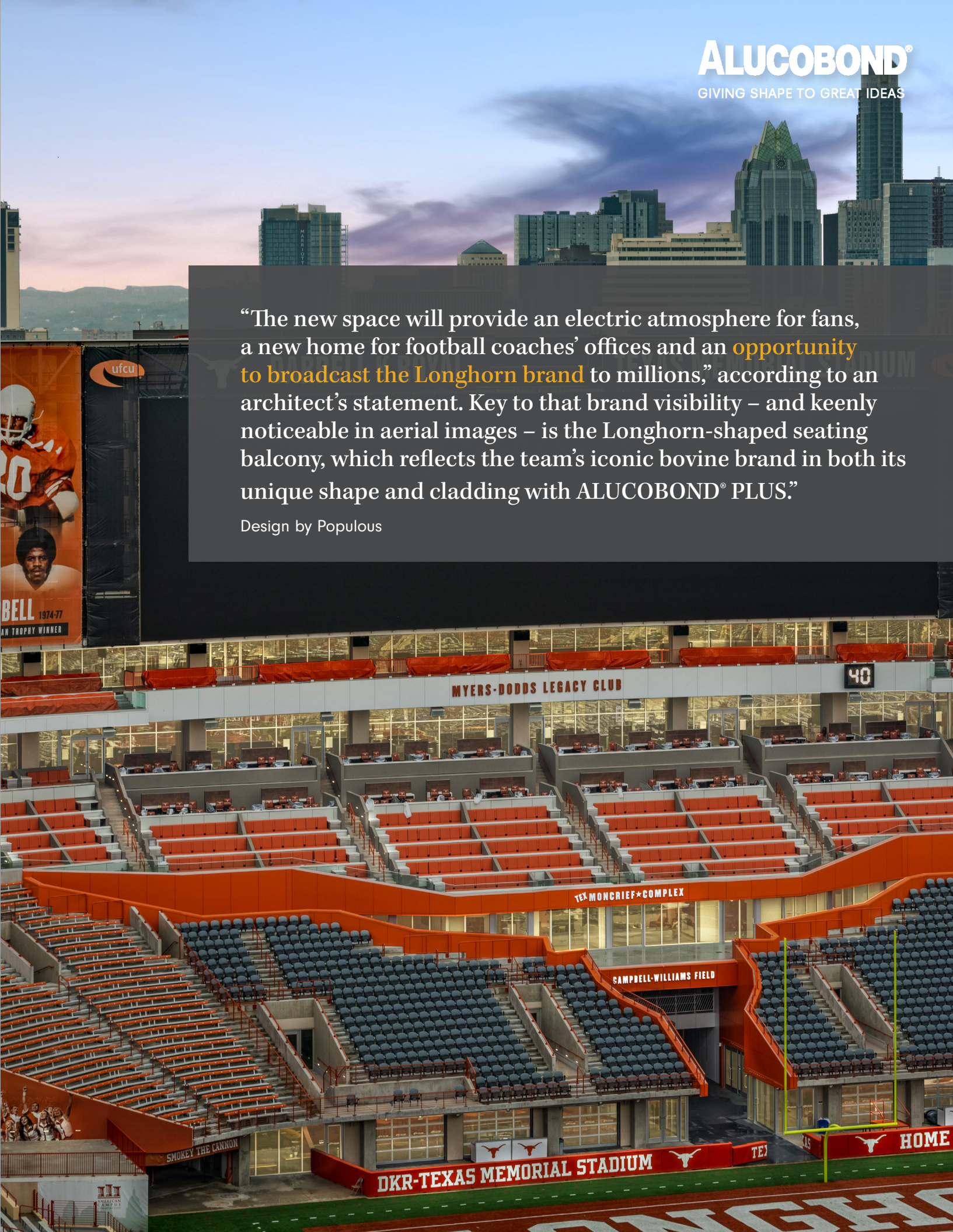
How does ALUCOBOND’s Brand Identity Program support a scalable solution?
We provide architects and designers the peace of mind with consistent colors and finishes, repeatable, and readily available materials. Many Brand Identity Programs require concepts to be scalable for multiple locations with varying geographical challenges. ALUCOBOND’s weatherability, durability, and lightweight supports a national brand rollout by removing geographical limitations, withstanding weather extremes and being easily transported, fabricated and installed. Furthermore, ALUCOBOND is able to support a world-wide brand rollout through our manufacturing plants and fabrication partners located throughout the world across Europe, Asia-Pacific and the Americas.

Technical Assistance

Where can I find specifications and details for ALUCOBOND?
ALUCOBOND’s dedicated Brand Identity Manager will guide you through specification and details for your custom program. You can find our master specification and build your custom spec directly on our [website](#). Rainscreen and Wet Seal [details](#) are also available in PDF and DWG formats. Additionally, we have a dedicated technical team for ALUCOBOND materials.

Fabrication and Installation

Are there fabricators who specialize in ALUCOBOND material?
ALUCOBOND has over 400 trusted Fabricators in North America who standard ready to install materials. Our large network supports construction schedules to remain on target. Additionally, we have several Fabricators in North America who specialize in Brand Identity Program rollouts with services to help develop prototype designs, minimize logistical challenges, consolidate buying options, and deliver to your project site.



Brand Identity Program Highlights



Hyundai | Global Dealership Space Identity

In 2014, Hyundai began its worldwide rollout of the ‘Global Dealership Space Identity’ (GDSI) program which aimed to rebrand Hyundai dealerships from their primary color scheme of blue and white, to a sophisticated style dominated by bronze exteriors. Hyundai’s design team in South Korea envisioned the rebrand to align with the look of their upcoming car models. ALUCOBOND was selected as the material of choice for the staple entryway and sections of the facade and interiors in their proprietary bronze finish developed by 3A Composites.

As the rollout expanded into North America, Hyundai worked with 3A Composites USA to ensure we could provide ALUCOBOND material that was consistent and repeatable. Our fabrication partner, AGI, created a GDSI Facility Standards Manual that outlined all of the new requirements for interior and

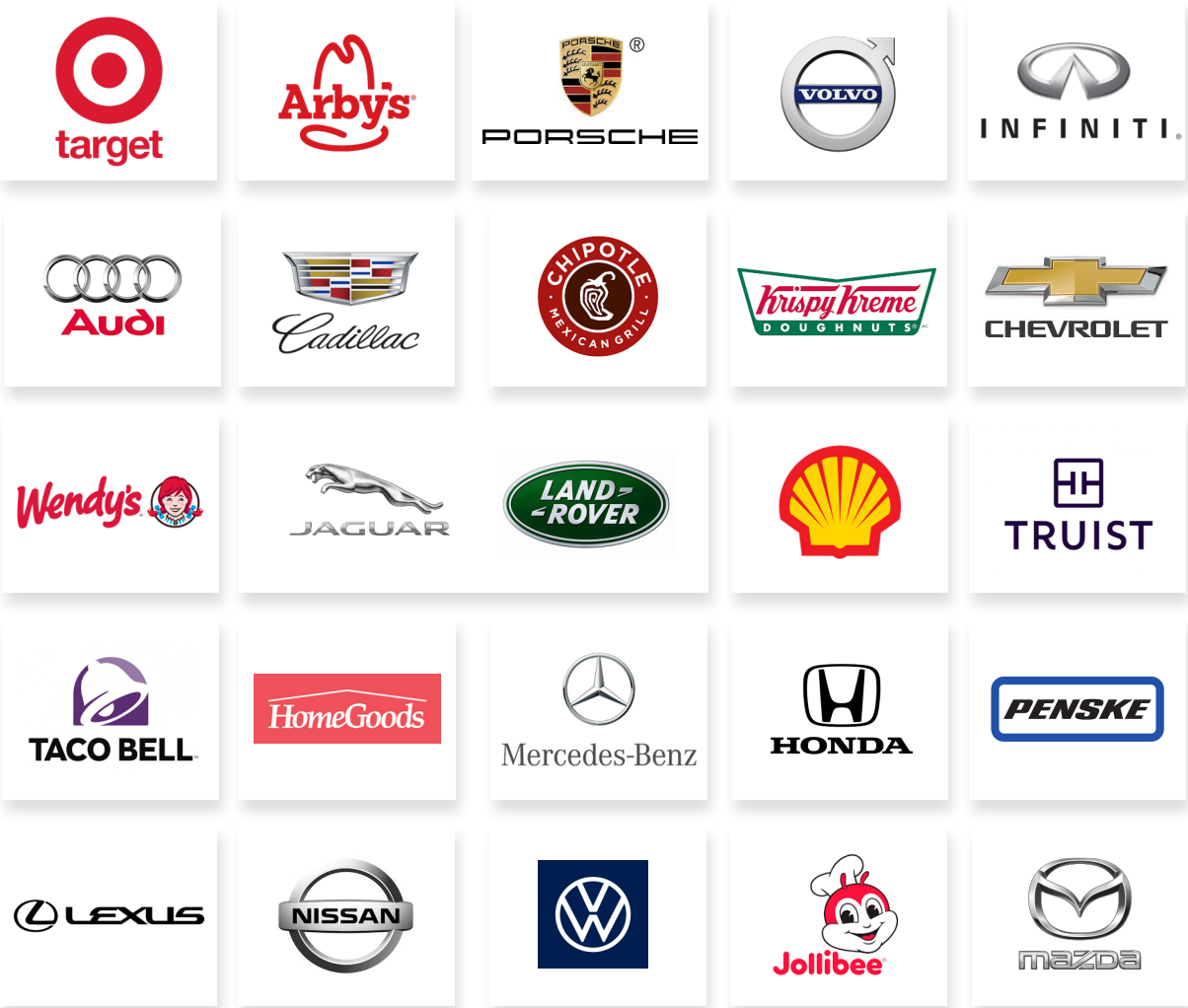
exterior elements that US dealerships would need. Our global presence across Europe, Asia-Pacific and the Americas has allowed Hyundai to successfully implement this

Since the start of the global rollout more than **800 dealerships** have been transformed in North America alone.

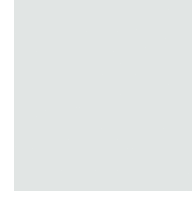
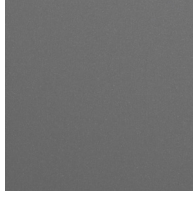
undertaking.



Amazon requested a match for their Prime Blue brand color utilizing Pantone 2995C. Our custom color department quickly matched Prime Blue in PVDF-3 paint. It is now standard in ALUCOBOND PLUS and ALUCOBOND AXCENT materials for use in Amazon distribution centers across the nation.

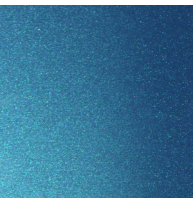




The Classic Collection

 Statuary Bronze S .040"; NS .063"/.080"	 New-Age Dark Bronze Mica S .040"/.063"/.080"	 JLR Gray Metallic S .040"/.063"/.080"	 Driftwood Mica S .040"; NS .063"/.080"	 Atacama Bronze Metallic S .040"; NS .063"/.080"	 Hazelnut Mica S .040"; NS .063"/.080"
 Beige S .040"; NS .063"/.080"	 Castle Gray S .040"; NS .063"/.080"	 JLR Champagne Metallic S .040"/.063"/.080"	 Anodic Satin Mica S .040"; NS .063"/.080"	 Epernay Champagne Metallic S .040"; NS .063"/.080"	 Harvest Gold Mica S .040"; NS .063"/.080"
 Oyster S .040"; NS .063"/.080"	 Cadillac White III NS .020 "/.040"/.063"/.080"	 Alabaster S .040"; NS .063"/.080"	 Bone White S .040"/.063"/.080"	 Pure White (RVW) S .040"; NS .063"/.080"	 HWH Bio White S .040"; NS .063"/.080"
 Magnolia S .040"; NS .063"/.080"	 Market Pearl White Mica NS .040"/.063"/.080"	 Bunny Grey II NS .020"/.040"/.063"/.080"	 Cadet Gray S .040"; NS .063"/.080"	 Platinum Mica S .040"; NS .063"/.080"	 Silver Metallic S .040"; NS .063"/.080"
 Beachstone Gray Metallic II S .040"; NS .063"/.080"	 Steel City Silver Mica S .040"; NS .063"/.080"	 West Pewter Mica II S .040"/.063"/.080"	 Champagne Metallic S .040"; NS .063"/.080"	 Anodic Clear Mica S .040"/.063"/.080"	 Brilliant Silver Metallic S .040"; NS .063"/.080"
 Sunrise Silver Metallic II S .040"; NS .063"/.080"	 MZG Gray Mica II S .040"; NS .063"/.080"	 Black Metallic S .040"; NS .063"/.080"	 Tri-Corn Black NS .040"/.063"/.080"	 TBL Black (Buick) NA .040/.063"/.080"	 Focus Black II S .040"/.063"/.080"

 Darkened Grey NS .020"/.040"/.063"/.080"	 Graphite Mica S .040"; NS .063"/.080"	 Dusty Charcoal II S .040"/.063"/.080"	 Nissan Gray NS .040"/.063"/.080"	 Greyhound S .040"; NS .063"/.080"	 Anthracite Silver Metallic S .040"; NS .063"/.080"
 Spire Blue II NS .040"/.063"/.080"	 Azure Blue S .040"; NS .063"/.080"	 Ultramarine Blue S .040"; NS .063"/.080"	 Image Blue NS .040"/.063"/.080"	 Bowtie Blue II NS .040"/.063"/.080"	 Amazon Prime Blue NS .020 "/.040"/.063"/.080"
 Russet Mica S .040"; NS .063"/.080"	 Red Fire S .040"; NS .063"/.080"	 Patriot Red S .040"; NS .063"/.080"	 Carb Red NS .040"/.063"/.080"	 Neon Red NS .020"/.040"/.063"/.080"	 Tuscan Sun NS .040"/.063"/.080"
 Just Purple NS .020"/.040"/.063"/.080"	 Botanical S .040"; NS .063"/.080"	 Krispy Green NS .020" NA .040"/.063"/.080"			

The Spectra Collection

 Ocean NS .040"/.063"/.080"	 Galaxy Blue NS .040"/.063"/.080"	 White Gold NS .040"/.063"/.080"	 Cupral NS .040"/.063"/.080"	 Sakura NS .040"/.063"/.080"
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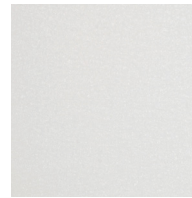



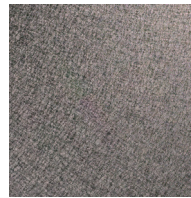

The Anodized Collection*

*Natural variations in shade and color will occur with anodized finished metals. This variation is part of the natural beauty brought out by the anodizing process and often sought after for this aesthetic quality. Visual look of variation may also be effected by tint as well as size of panel.

 Clear Anodized NA .040"/.063"/.080"	 Light Bronze Anodized NA .040"/.063"/.080"	 Medium Bronze Anodized NA .040"/.063"/.080"	 Dark Bronze Anodized NA .040"/.063"/.080"	 Black Anodized NA .040/.063"/.080"
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The Natural Collection

Terra Series

 Arctic Frost NA .040"/.063"/.080"	 Sierra Sand NA .040"/.063"/.080"	 Bronze NA .040"/.063"/.080"	 Terracotta NA .040"/.063"/.080"	 Slate NA .040"/.063"/.080"	 Lava Nera NA .040"/.063"/.080"
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Woodgrain Series

 Rustic Walnut NA .040"/.063"/.080"	 Chesnut NA .040"/.063"/.080"
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The Natural Collection

Element Series

 Aragonite Metallic NS .040"/.063"/.080"	 Moonstone Metallic S .040"; NS .063"/.080"	 Olivine Metallic S .040"; NS .063"/.080"	 Colorado Gold Metallic S .040"; NS .063"/.080"	 Native Copper Mica S .040"; NS .063"/.080"	 Rusted Metal NA .040"/.063"/.080"
 Zinc NA .040"/.063"/.080"	 Basalt Gray NS .040"/.063"/.080"	 Cubanite Metallic NS .040"/.063"/.080"	 Serpentine Metallic S .040"; NS .063"/.080"	 Almandine Garnet Metallic NS .040"/.063"/.080"	 Brushed Antique Copper NA .040"/.063"/.080"

 Brushed** NA .040"/.063"/.080"	 Brushed Stainless** NA .040"/.063"/.080"	 Brushed Carbon** NA .040"/.063"/.080"	 Reflect Mirror* NA .040"/.063"/.080"
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*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

**The tinted finish highlights the natural variations and beauty of the metal.



Click or Scan QR code with mobile camera to order samples.

Applications

Exterior Cladding

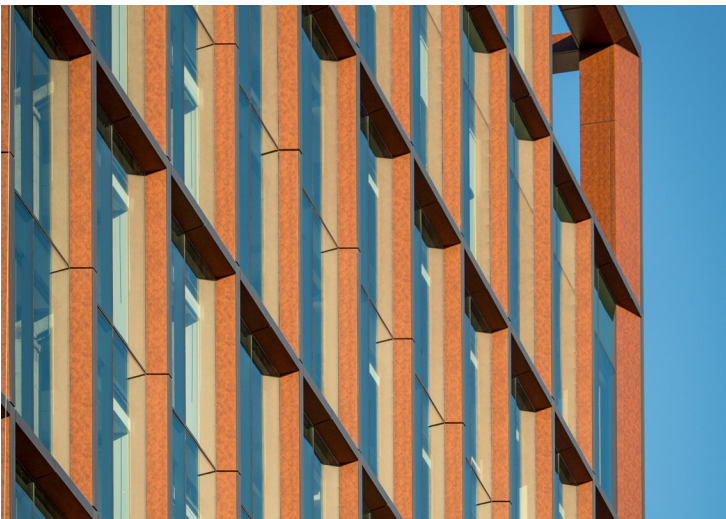
- ALUCOBOND’s flatness, rigidity, lightweight and formability support a plethora of design intents
- Our versatility of standard colors & finishes gives designers the freedom to mix finishes without sacrificing budget
- ALUCOBOND’s durable finishes withstand weather conditions while maintaining its aesthetic long-term



Column Covers

- ALUCOBOND PLUS can be easily formed via routing or rolling, making for an ideal column cover
- Tight radii can be achieved and weather tightness can be maintained with sealed joints

SHI International Garza Building (right) photo courtesy of White Construction Company



© Sam Kittner

Interiors

- Seamless transition from exterior facade to interior design
- Dynamic color palette of 89 standard colors & finishes
- Ability to create unique customizable shapes
- Biophilic hues effortlessly complement surroundings
- Large flat panels inspire clean design
- Custom color capabilities
- Create striking modern designs

Arkansas Children’s Hospital Pine Bluff Clinic (left) © Tim Hursley



Curtainwall and Sun Shades

With a Class A Fire Rating, ALUCOBOND PLUS panels are ideal for curtainwall and sun shade applications, offering a variety of benefits:

- Panels are available with one or both sides finished
- Fins can be custom designed to complement the exterior cladding and reduce solar gain
- Provides continual color flow from curtainwall to vertical ALUCOBOND panels
- Replaces glass to enhance the design aesthetic, reduce project costs
- Used in curtainwall systems that utilize structural silicone, structural tapes or pressure plate
- May be used in spandrel applications to create a unique and exciting facade

Ceilings

- Class A Fire rating makes ALUCOBOND panels appropriate for interior and exterior uses
- Custom designs can allow for back panel illumination and creative ceiling concepts
- Color-shifting finishes from the Spectra Collection are popular for dynamic ceiling applications



© Lunghi Media Group



© Paul Schliemann Photography courtesy of Wight & Company

Retail Design

In addition to ALUCOBOND, 3A Composites USA manufactures materials that allow you to transition your unique brand identity from exterior to interior retail experiences. Explore our Display and Visual Communication materials below:



© Lunghi Media Group

The DIBOND Collection

- Two sheets of .012” aluminum bonded to a solid core with ASTM E84 Class A Fire Rating
- Specialty brushed metal and mirror finishes are perfect for high-end retail design
- Can be roll formed to create dramatic curves, or rout-and-returned for dimensional displays

The DISPA Collection

- 100% recyclable paper board with a flat smooth surface
- Ideal for digital or screen printing
- FSC Certified (FSC®-C169891)

The FOME-COR Collection

- Paper-faced foam board with premium bright white, double clay-coated facers, or black and natural uncoated facers
- Ideal for screen and digital printing, mounting graphics or backing photographs

The GATOR collection

- High-performance foam board comprised of wood-fiber veneer facers and foam core
- Ideal for digital and screen printing, mounting and dimensional letters

The SINTRA Collection

- Expanded PVC board with a bright white low gloss satin finish
- Ideal for high quality printing, mounting or fabricating applications
- Excellent dent and scratch resistance
- ASTM E84 Class A Fire Rating (1-3mm)

The LUMEX collection

- Premium extruded, modified polyethylene terephthalate (PET-G)
- Ideal choice for vacuum and thermoforming applications

Sustainability

3A Composites USA’s integrated management system provides us with an important framework for implementing sustainability initiatives in our business operations. The main constituents of this program are safety, health, environment, energy and quality.

ALUCOBOND offers Cool coating formulas in standard and custom matched colors. Cool coatings offer higher solar reflectivity than many competing building materials, resulting in lower energy consumption within the building. Our color palette ranges from bright bold colors to more subtle earth tones, including mica and metallic finishes. ALUCOBOND coatings are applied in a continuous, automated coil coating line where the aluminum is painted in a closed loop process. This high temperature factory curing of the coating captures the VOCs, making it a more environmentally friendly process.

Energy Reduction

Efficient handling of energy sources can have a major impact on reducing CO₂, a key consideration at 3A Composites USA. This is why we have an Energy Management System in accordance with ISO 14001, with the goal of improving efficiency and reducing waste.

Life Cycle

ALUCOBOND material does not have to be replaced several times during the life cycle of a building. This characteristic has a very positive effect on the life cycle assessment (LCA) of a building. A plethora of applications allow architects to offer inspiring and innovative designs while meeting the standards of sustainable planning.

Recycling

ALUCOBOND can be easily and homogeneously dismantled and returned to the reusable material cycle. ALUCOBOND is 100% recyclable, i.e. the core materials and aluminum skins are returned to the material cycle and used to produce new material. It is the high material value of aluminum which provides the most important recycling impetus for the economy. Aluminum is recyclable to an unlimited extent without losing its characteristics.

VOC and SVOC Emissions

ALUCOBOND PLUS panels are coil-coated in a factory that captures and destroys volatile organic compounds (VOC’s). This process is accomplished using a regenerative thermal oxidizer in our facility’s paint line. By removing VOC’s in the factory, there is no need for field coating and accompanying VOC’s.

LEED Certification

Since LEED’s introduction in 1998 it has become the most recognizable green building program in the world. LEED focuses on constructing buildings that have minimal impact on the environment during construction, occupation and reclamation, and recognizes that utilizing recycled materials is an important part of minimizing environmental impact.

The recycled aluminum content of ALUCOBOND PLUS and available industry EPD provide contribution toward earning LEED points. This recognition is the driving force for using ALUCOBOND PLUS material.



The Stack at Deep Ellum, Dallas, TX
ALUCOBOND PLUS Custom Brushed Gotham
The project is both LEED® Core & Shell and WELL certified and is one of Dallas’ first new construction projects to receive WELL certification.

Product Properties

ALUCOBOND PLUS

Thickness of aluminum skin	0.020” (nominal)
Product thickness	0.157” (4mm nominal)
Weight	1.56 lb/ft²
Standard sheet dimension*	62” x 196”
Maximum width/length**	62”/ 400”

* Exceptions to standard dimensions are referenced below
** Sheets will be fabricated to meet custom panel sizes within product range above.

ALUCOBOND PLUS				
Thickness	4mm			
Width	40”	49.2”	50”	62”
Length	196”	146”	196”	196”
Solids	▣		▣	•
Micas / Metallics	▣		▣	•
Color-Changing	▣		▣	•
Textured	▣		▣	•
Reflective		•		
Anodized				• ¹
Brushed			▣	•
Prints			•	

• - Standard ▣ - On Request ¹ - Anodized finishes are only available in 60”W x 198”L

Paint Finishes

ALUCOBOND PVDF 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. Backed by ALUCOBOND’s 20-year warranty, SMP finishes meet AAMA 2604. ALUCOBOND has a 50 plus year history of performance and offers best-in-class Warranty coverage.

PVDF (Polyvinylidene Fluoride) finishes can be produced in either a 2-coat (primer + color coat) or 3-coat (primer + color coat + top coat). Known for its durability and strong performance characteristics PVDF is used to develop a high-quality solid, mica or metallic finish.

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. SMP coatings deliver an

ALUCOBOND AXCENT

Product thickness	0.040” (nominal)
Weight	0.56 lb/ft²
Standard width	48”
Standard length	120”

ALUCOBOND AXCENT	
Thickness	0.040”
Sheet Size	48” x 120”
Solids	•*
Micas / Metallics	•*
Color-Changing	▣
Textured	▣

• - Standard ▣ - On Request
* - Most solid, mica & metallic finishes are standard, however some are considered “made-to-order” & subject to 2000 sf minimum & lead times. Please reference the Color Library for more details.

excellent balance of exterior gloss, and color retention with resistance to stains, chalking, ultraviolet radiation, weather and humidity.

SDP (Siliconized Durable Polyester) finishes offered are a 3 coat highly durable architectural coating offered in a wide range of colors, gloss levels, metallic and mica finishes. A high-tech polymer based coating offering excellent color and gloss weatherability. SDP finishes meet AAMA 2605 standards.

FEVE (Fluoropolymer Based) 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.

For warranty information please contact your local ALUCOBOND Sales Manager.



ALUCOBOND®

GIVING SHAPE TO GREAT IDEAS

Contact

Les Traeger, Brand Identity Manager
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