

# SIGN PANEL PRODUCTS

EFFECTIVE JUNE 2024



**LAMINATORS**  
Composite Panel Solutions

800.523.2347 | [LaminatorsInc.com](http://LaminatorsInc.com)



***For over 60 years, Laminators Incorporated has manufactured a complete line of composite panels for the commercial construction, sign-making, and OEM industries. Our panels are strong, quick to fabricate and install, easy to maintain, and made to last.***

***Laminators is committed to providing value through high-quality products, innovative application solutions, and superior customer service.***

## **SIGN PANEL PRODUCTS**

Alumalite® Standard . . . . .	4
Alumalite® Economy . . . . .	4
Alumalite® Ultra . . . . .	5
Omega-Bond® Standard . . . . .	6
Omega-Bond® Economy . . . . .	6
Omega-Bond® Premium . . . . .	7
LusterBoard™ . . . . .	8
Omega SignBoard™ . . . . .	9
Accessories . . . . .	10
Sign Panel Color Chart . . . . .	11
Fabrication Services . . . . .	12
Recommended Applications . . . . .	13
Product Comparison Chart . . . . .	14-15



# Why Work with Laminators Incorporated

Unique in the industry, Laminators Incorporated is a full-service manufacturing company offering complete, innovative, turnkey solutions for your sign panel needs. We are committed to providing value through high-quality products, innovative application solutions, and superior customer service. Our forward-thinking processes and forward-looking products make us a leader in the industry. You can count on us.

## QUALITY PRODUCTS

Laminators manufactures a full line of digital print-ready sign panel products that are the industry standard for professional sign-makers. Our sign boards are strong, durable, and ready to use. Available in a variety of colors, our finished surfaces are smooth and will not crack, chip, flake, or peel even under harsh weather conditions. Our array of cores (corrugated plastic, solid plastic, and furniture-grade exterior plywood) as well as various thicknesses, sheet sizes, and double- or single-sided sheets satisfy any sign or fabricated project. You'll have peace of mind knowing that all of our products carry a 5-year lamination warranty and a 5- or 10-year Colorfast warranty.

## SHORT LEAD TIMES

Because of our revolutionary manufacturing process, we can ship our standard sign products in 1-2 weeks (some restrictions can apply)... quicker than any of our competitors!

## AFFORDABLE PRICES

Our reasonably priced products will meet your budget demands while exceeding your project expectations.

## SUPERIOR KNOWLEDGE, EXPERIENCE & SERVICE

At the core of our sign business is our team of dedicated professionals. For every product and service we offer, our team of experts can guide you through the process from sales to engineering to installation.

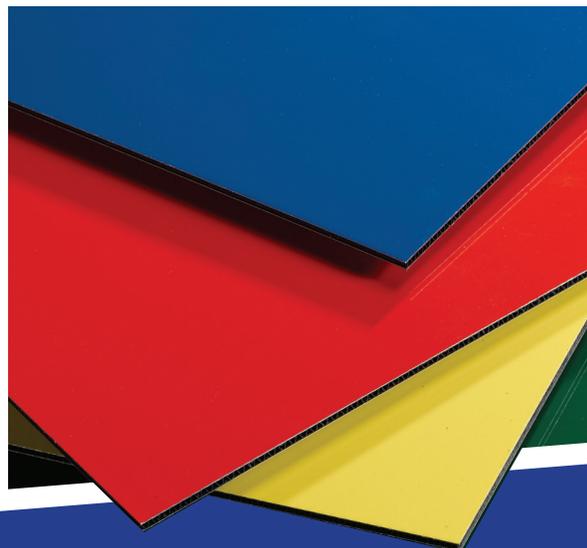
Knowing that choosing the right substrate can be a major obstacle and impact the overall vision of a project, our team can assist you with selecting the most appropriate panel for your application during the design phase so you're prepared for any special requirements, such as lighting, mounting, or curved walls.

Our **Sign Panel Production Guide** is a great resource that covers best practices from panel handling and storage through fabrication and installation. The guide also outlines how to apply vinyl, films, and paints as well as digital and screen-printing applications. The Sign Panel Production Guide, when used with profiles from leading equipment manufacturers, makes the production process easier for you.

## FABRICATION SERVICES

Laminators offers fabrication services. As manufacturers and fabricators of sign panels, we understand all the nuances of fabricating panels—saving you time and money. We can provide custom shapes, pre-cut shapes, cut-outs, fastener holes, routing and bending services... we can even quote project-specific designs! No minimum quantities required!

\* LusterBoard and Omega SignBoard must be properly edge-sealed. Colorfast warranty does not apply to the vinyl face of Omega SignBoard.



# ALUMALITE® STANDARD

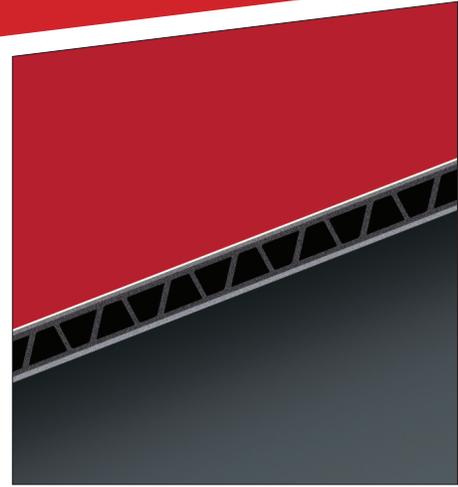
*Strong, durable panel with a high-density corrugated polypropylene core*

## CONSTRUCTION

- Aluminum composite panel with high-density, corrugated polypropylene core that won't swell, corrode, rot, wick water, or delaminate even under prolonged water exposure
- Factory-baked polyester painted aluminum faces add high-gloss brilliance and rigidity; warranted not to crack, chip, flake, or peel; Colorfast 10-year limited warranty

## BENEFITS

- Field-tested through extensive freeze/thaw cycling tests with no significant structural panel failure
- Ideal for paints, digital inks (both UV or solvent cured), screen print inks, and pressure-sensitive vinyl
- Strong and lightweight-similar in weight to .040 aluminum sheet metal, yet almost 40 times stronger
- Routs and cuts easily with standard carpentry tools; even bends around corners
- Wind-resistant-can withstand hurricane force winds when properly fastened between two posts
- Class A flame spread rating
- UL Recognized Component
- Limited 10-year Colorfast warranty



# ALUMALITE® ECONOMY

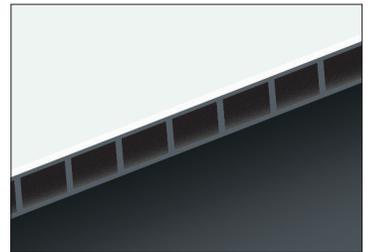
*An economical version of Alupalite Standard*

## CONSTRUCTION

- Aluminum composite panel with a clear-profile, corrugated polypropylene core
- Factory-baked polyester painted aluminum faces; Colorfast 10-year limited warranty

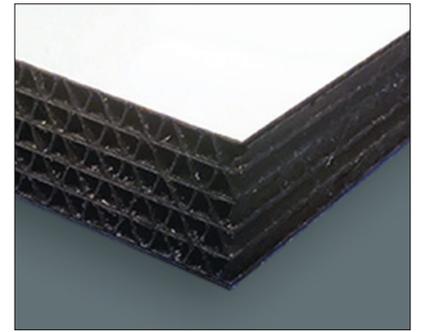
## BENEFITS

- An economical version of Alupalite Standard with thinner aluminum skins and a profile core
- Ideal for paints, digital inks (both UV or solvent cured), screen print inks, and pressure-sensitive vinyl
- Class A flame spread rating
- UL Recognized Component
- Limited 10-year Colorfast warranty



# ALUMALITE® ULTRA

Offers Ultra rigidity and maximum flatness



## CONSTRUCTION

- Aluminum composite panel with high-density, corrugated polypropylene core
- Factory-baked polyester painted aluminum faces; Colorfast 10-year limited warranty

## BENEFITS

- The only ACM available with thicknesses greater than 10mm
- All the benefits of Almalite Standard with the structural performance of plywood
- Excellent strength-to-weight ratio
- 56% greater\* flexural rigidity over plywood
- Excellent option for applications that require longer, unsupported spans: tradeshow exhibits, POP displays, industrial packaging, shipping/storage containers, and so much more!
- Class A flame spread rating
- UL Recognized Component
- Limited 10-year Colorfast warranty

\*25mm Almalite Ultra only.

**CORRUGATED CORE SPECIFICATIONS**

Thickness	Finished Faces	Sizes	Colors	Weight/Sq. Ft.
-----------	----------------	-------	--------	----------------

### ALUMALITE STANDARD

6mm	1 or 2 sides	4' x 8', 4' x 10' 5' x 8', 5' x 10'	Standard Colors White	0.67 lbs.
10mm	1 or 2 sides	4' x 8', 4' x 10' 5' x 8', 5' x 10'	Standard Colors White	0.88 lbs.

Custom colors and sizes available by special order.

### ALUMALITE ECONOMY

3mm	1 or 2 sides	4' x 8'	White	0.50 lbs.
5mm	1 or 2 sides	4' x 8'	White	0.52 lbs.
10mm	1 or 2 sides	4' x 8'	White	0.68 lbs.

### ALUMALITE ULTRA

15mm	2 sides	4' x 8'	White	1.40 lbs.
25mm	2 sides	4' x 8'	White	1.81 lbs.

1 side, colors, and other sizes available by special order.



# OMEGA-BOND® STANDARD

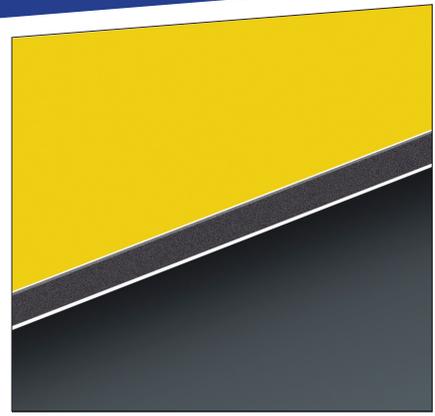
*Solid core aluminum composite panel*

## CONSTRUCTION

- Features double- or single-sided matte painted aluminum bonded to a solid polyethylene core making it rigid yet lightweight

## BENEFITS

- Optimal for direct digital printing and cutting
- Durable, water-resistant construction
- Solid core prevents bowing, warping, swelling, and delamination
- Flat, smooth surface ready for paint, inks, vinyl letters, and more
- Ability to bend and rout panels
- High-quality, low-cost choice for interior and exterior signage needs
- Class A flame spread rating
- UL Recognized Component
- Limited 5-year Colorfast warranty



# OMEGA-BOND® ECONOMY

*Economical option with thinner aluminum for flat applications*

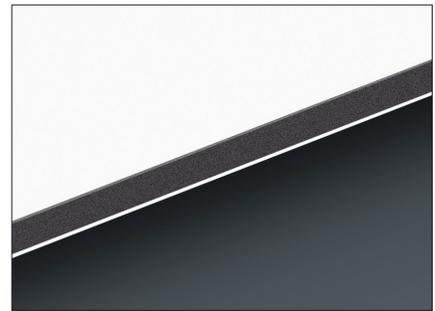
## CONSTRUCTION

- Features one side gloss/one side matte painted white aluminum
- 3mm panel thickness

## BENEFITS

- Optimal for direct digital printing and cutting
- Extremely flat, durable, and moisture-resistant
- Solid core composition prevents bowing, warping, swelling, and delamination
- Flat, smooth surface ready for paint, inks, vinyl letters, and more
- Class A flame spread rating
- UL Recognized Component
- Limited 5-year Colorfast warranty

\*Laminators does not recommend bending or folding Omega-Bond Economy panels—use for flat signage applications only.



# OMEGA-BOND® PREMIUM

Premium panel for fabricated projects



## CONSTRUCTION

- Features double-sided matte painted aluminum bonded to a solid polyethylene core designed specifically for fabrication applications
- The .012" Omega-Bond Premium features a .012" aluminum skin thickness and higher-quality plastic core that is best suited for your fabricated projects

## BENEFITS

- Thicker-gauge aluminum provides structural strength and is optimal for fabrication projects. Routing and bending the panels is easily accomplished and allows 3D shapes to be created without an inner support or frame.
- Specially treated for optimal flatness before and after bending, by taking out all possible tension/stress from the panel itself
- Maximum durability is achieved since the solid polyethylene core has fewer impurities and lesser recycled content. This allows bending and cutting without breaking the core during the fabrication process.
- Various architectural signage, decorative canopies, and cladding solutions can be easily fabricated for retail shops, restaurants, banks, car dealerships, etc.
- Class A flame spread rating
- UL Recognized Component
- Limited 5-year Colorfast warranty

## SOLID CORE SPECIFICATIONS

Thickness	Finished Faces	Sizes	Colors	Weight/Sq. Ft.
-----------	----------------	-------	--------	----------------

### OMEGA-BOND STANDARD

2mm	2 sides	4' x 8'	White	0.53 lbs.
3mm	1 or 2 sides	4' x 8'	Standard Colors	0.72 lbs.
3mm	2 sides	4' x 8', 4' x 10', 5' x 10'	White, Black	0.72 lbs.
4mm	2 sides	4' x 8'	White	0.91 lbs.
6mm	2 sides	4' x 8', 4' x 10'	White, Brushed Silver, Black (4' x 8' only)	1.29 lbs.

1 side is White/Mill finish. Colors and other sizes available by special order.

### OMEGA-BOND ECONOMY

3mm	2 sides	4' x 8'	White Gloss/ White Matte	0.64 lbs.
-----	---------	---------	-----------------------------	-----------

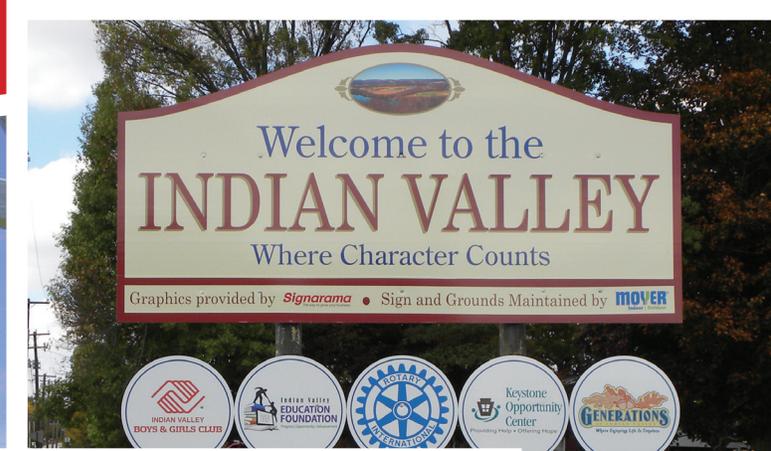
### OMEGA-BOND ECONOMY PRE-CUT SIGN BLANKS

3mm	2 sides	12" x 18", 18" x 24", 24" x 36"	White Gloss/ White Matte	Varies
-----	---------	------------------------------------	-----------------------------	--------

### OMEGA-BOND PREMIUM

3mm	2 sides	4' x 8', 5' x 10'	White	0.80 lbs.
-----	---------	-------------------	-------	-----------

Colors and other sizes available by special order.

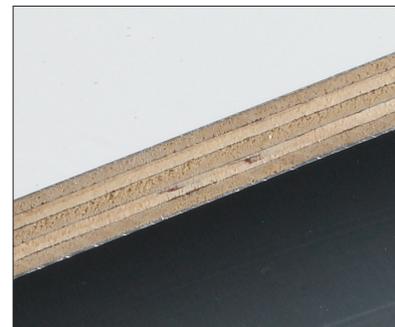


# LUSTERBOARD™

*Painted aluminum bonded to plywood core*

## CONSTRUCTION

- Hardwood core is composed of a premium, exterior furniture-grade plywood featuring smooth, tight, sanded veneers for optimum surface beauty
- Factory-baked polyester painted aluminum surfaces cover one or both sides of the hardwood core, creating a smooth, glossy finish



## BENEFITS

- Features a light yet rigid construction, allowing for easier handling and installation
- Stronger and lighter than MDO panels
- Easy to fabricate with standard carpentry tools
- Ideal for paints, digital inks (both UV and solvent-cured), screen-print inks, and pressure-sensitive vinyl
- Class A flame spread rating
- UL Recognized Component
- Limited 10-year Colorfast warranty



# OMEGA SIGNBOARD™

Exterior high-gloss vinyl over plywood core

## CONSTRUCTION

- Hardwood core is composed of a premium, exterior furniture-grade plywood with smooth, tight, sanded veneers for optimum surface beauty
- Surface consists of finished, brilliant white vinyl
- The vinyl surface is impact-resistant and formulated with high-performance UV inhibitors to reduce fading

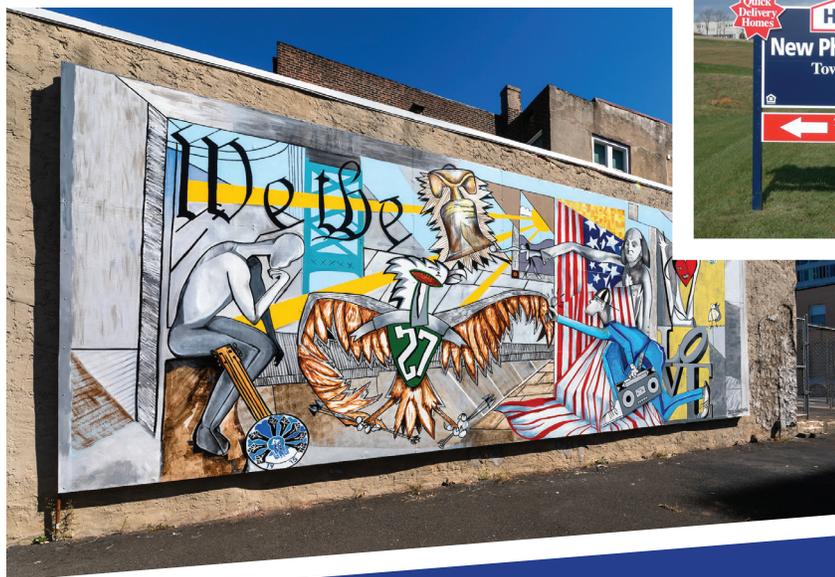


## BENEFITS

- Offers a strong, economical sign panel with a glossy, white vinyl surface that will not flake or peel
- Ideal for paints, digital inks (both UV and solvent-cured), screen-print inks, and pressure-sensitive vinyl
- Easy to fabricate with standard carpentry tools
- Stronger and lighter than MDO panels

WOOD CORE SPECIFICATIONS

Thickness	Finished Faces	Sizes	Colors	Weight/Sq. Ft.
<b>LUSTERBOARD</b>				
1/2"	1 or 2 sides	4' x 8'	Standard Colors	1.80 lbs.
<b>OMEGA SIGNBOARD</b>				
1/2"	1 or 2 sides	4' x 8'	White	1.53 lbs.



# ACCESSORIES

## Additional Items from Laminators Incorporated

### EDGE CAP & SEALANT

Edge Cap is available as a "U" channel molding in two thicknesses: 1/2" or 1/4". Choose from a variety of attractive colors to accent the perimeter of your sign.

### EDGE CAP SPECIFICATIONS

Product	Colors
1/4" x 98" Edge Cap	White, Black, Red, Green, Blue, Bronze
1/2" x 98" Edge Cap	White, Black, Red, Green, Blue, Bronze
3/8" x 98" Edge Cap	White, Black
3/4" x 98" Edge Cap	White

### DOWEL PINS

Recommended: 1 pin every 6" to 12" along panel joints.

### NOTCHING TOOL

This heavy-duty hand notching tool cuts a 90° angle.

### ROUTER BIT

Laminators custom-designed 1/2" router bit (recommended for routing and bending).

## Approved Supplies

### PANEL ADHESIVE

- Loctite® PL 400® VOC Subfloor & Deck Adhesive
- Loctite® PL Premium® Polyurethane Construction Adhesive
- LIQUID NAILS® Subfloor & Deck Adhesive
- Titebond® Heavy-Duty Construction Adhesive

### SILICONE SEALANTS (for use with corrugated plastic cores only)

- Pecora 890, 860, 896, 895
- GE SilGlaze® II, SilPruf®
- SUREBOND SB-1800 Everflex Bondaprene

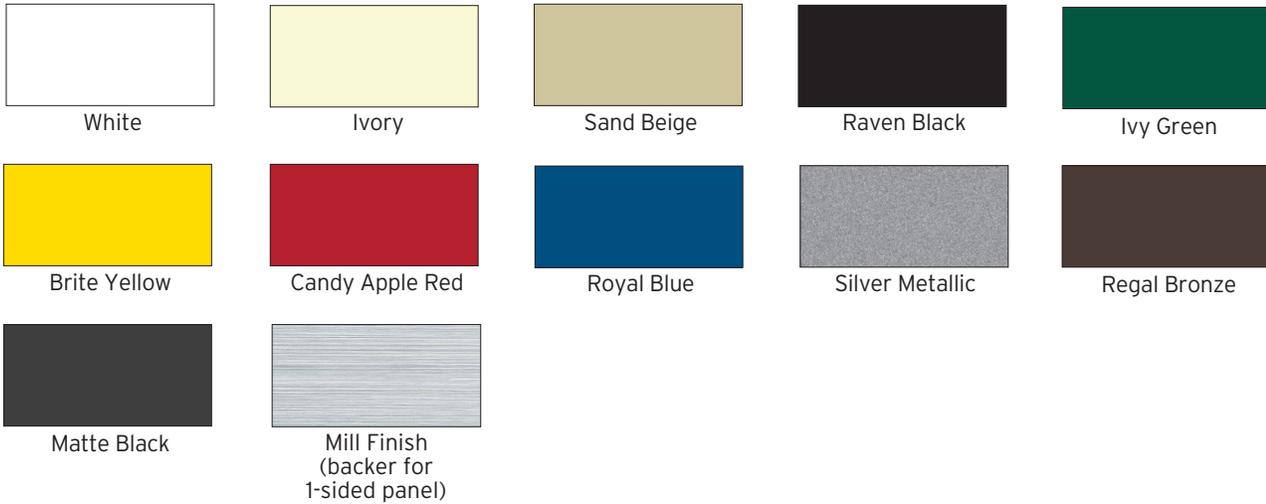
### WOOD CORE SEALANT

- DAP® Alex Plus® Caulk

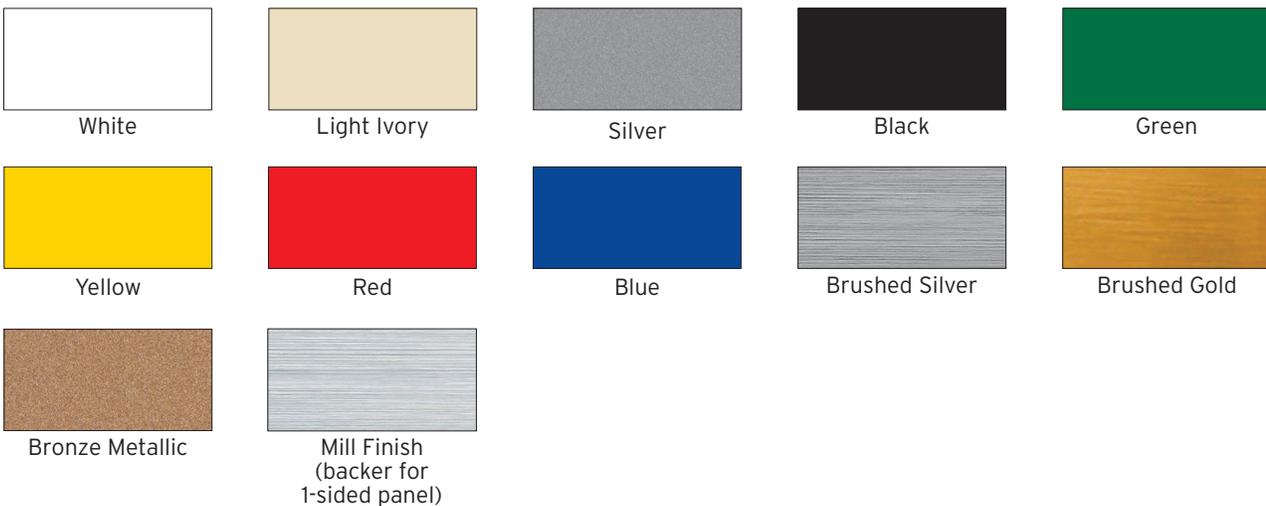


# SIGN PANEL COLOR CHART

## ALUMALITE STANDARD, LUSTERBOARD



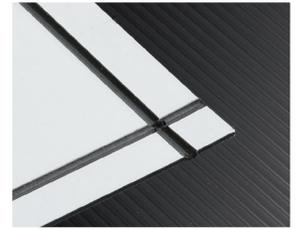
## OMEGA-BOND STANDARD



Colors shown are as close to actual painted sign panels as possible. Please call for color chip samples if needed. Colors subject to availability. Check with your local distributor for availability.

Color variation is a characteristic of aluminum composite panels with brushed aluminum and metallic paint finishes, and can vary on material purchased from different lots. In addition, grain direction of brushed aluminum and metallic paint finishes must be considered in the design of the panel installation. Opposing grain directions may create visible patterns and may not be acceptable in the finished project. Laminators does not warrant a color match for these panels.





# FABRICATION SERVICES

Let Laminators handle your sign fabrication service needs. As manufacturers and fabricators of sign panels, we understand all the nuances of fabricating for time- and cost-efficiency.

Save on time and labor costs by having us fabricate your digital print-ready sign panel products. In many cases you may not be utilizing the entirety of an ACM panel—you're cutting, bending, shaping, contouring, and so much more. We'll cut, rout, and bend the panels to the exact specifications needed for the project.

Because the panels are being fabricated by the same company that manufactures them, we understand the best way to provide superior looking, ready-to-install panels each and every time.

## WHAT CAN LAMINATORS DO FOR YOU?

- Pre-Cut Shapes
- Custom Shapes
- Cut-Outs
- Fastener Holes
- Routing & Bending Services
- And Much More!

## WHAT ARE THE BENEFITS OF USING LAMINATORS FOR YOUR FABRICATION SERVICES?

- Reduce time and scheduling issues as well as labor costs
- Minimize weight and shipping costs instead of shipping full sheets
- Rely on the manufacturer's knowledge and expertise
- If you're a distributor of our panels, you can even stock various pre-cut shapes that are popular with your customer base (oval, circular, etc.)



# RECOMMENDED APPLICATIONS

Sign Application	Alumalite Standard	Alumalite Economy	Alumalite Ultra	Omega-Bond Standard	Omega-Bond Economy	Omega-Bond Premium	LusterBoard*	Omega SignBoard*
ADA-Compliant/ Wayfinding Signs	X	X		X		X		
A-Frame Signs							X	X
Architectural Signage	X	X	X	X		X	X	
Billboards	X	X	X	X		X	X	X
Canopies	X	X	X	X		X		
Corporate ID	X	X	X	X		X		
Digital Print	X	X	X	X	X	X	X	X
Dimensional Lettering/ Cut-Outs	X	X		X		X	X	X
Electrical LED or Neon Signs/ Channel Letters	X			X	X	X	X	
Fabrication/3D Signs	X	X	X	X		X		
Fascia Signs	X	X		X		X		
Fine Art Murals	X	X		X		X		
Hanging Signs							X	X
Kiosks	X	X	X	X		X		
Multiple Panel Signs	X	X	X	X		X		
POP/POS Displays/Stands	X	X	X	X		X		
Tradeshow Exhibits	X	X	X	X		X		
Real Estate/ Post & Panel Signs	X	X	X	X	X	X	X	X
Scoreboards	X		X	X		X	X	X
Signage (Indoor/Outdoor)	X	X	X	X	X	X	X	X
Social Distancing/Partitions	X	X	X	X	X	X		
Temporary Construction & Traffic/Regulatory Signs	X	X		X		X		
Wall & Fence-Mounted Signs	X	X	X	X	X	X	X	X

\*Must be edge-sealed for outdoor use.

# PRODUCT COMPARISON CHART

	Construction	Panel Sizes	Thicknesses	Available Colors	Finished Faces
<b>Alumalite Standard</b>	Painted aluminum Corrugated polypropylene core	4' x 8' 4' x 10' 5' x 8' 5' x 10' Custom lengths up to 12'	6mm 10mm	White, Candy Apple Red, Royal Blue, Ivy Green, Brite Yellow, Raven & Matte Black, Silver Metallic, Ivory, Regal Bronze, Sand Beige	Single- or Double-Sided Finished Face
<b>Alumalite Economy</b>	Painted aluminum Corrugated polypropylene core Coated aluminum backer	4' x 8'	3mm 5mm 10mm	White	Single- or Double-Sided Finished Face
<b>Alumalite Ultra</b>	Painted aluminum Corrugated polypropylene core Coated aluminum backer	4' x 8' Custom lengths up to 12'	15mm 25mm	White	Double-Sided Finished Face
<b>Omega-Bond Standard</b>	Painted aluminum Solid plastic core	4' x 8' 4' x 10' 5' x 10'	2mm 3mm 4mm 6mm Other thicknesses available by special order	White, White/Mill, Black, Brushed Gold, Brushed Silver, Silver, Yellow, Red, Blue, Green, Light Ivory, Bronze Metallic	Single- or Double-Sided Finished Face
<b>Omega-Bond Economy</b>	Painted aluminum Solid plastic core Pre-cut sign blanks	4' x 8' 12" x 18" 18" x 24" 24" x 36"	3mm	White Gloss/White Matte Colors available by special order.	Double-Sided Finished Face
<b>Omega-Bond Premium</b>	Painted aluminum Solid plastic core	4' x 8' 5' x 10'	3mm (.3mm/.012" skin thickness)	White Colors available by special order.	Double-Sided Finished Face
<b>LusterBoard</b>	Painted aluminum Furniture-grade exterior plywood core	4' x 8'	1/2"	White, Candy Apple Red, Royal Blue, Ivy Green, Brite Yellow, Raven & Matte Black, Silver Metallic, Ivory, Regal Bronze, Sand Beige	Single- or Double-Sided Finished Face
<b>Omega SignBoard</b>	Smooth, glossy vinyl Furniture-grade exterior plywood core	4' x 8'	1/2"	White	Single- or Double-Sided Finished Face



*In many instances we recommend our Omega-Lite architectural panel for all architectural applications because of its superior flatness and 30-year paint performance. However, many of our customers still choose to use our sign products for storefront fascias, gas station canopies, and awning-fill or replacement, usually because of economics. For questions or recommendations, call 800.523.2347 to speak with one of our knowledgeable sign representatives.*

	<b>Fabrication</b>	<b>Surface Finishing</b>	<b>Forming Techniques</b>	<b>Flammability</b>	<b>Exterior Usage Warranty</b>	<b>Average Application Life</b>
<b>Alumalite Standard</b>	Circular saw, jigsaw, drill, shear, punch, hand router, CNC router, panel saw, table saw	Digital printing, screen-printing, vinyl graphics, sign paint, laser engraving	Rout and bend, reciprocating saw, band saw	Class A, ASTM E84	5-year warranty on lamination 10-year Colorfast warranty on faces	Long-term
<b>Alumalite Economy</b>	Circular saw, jigsaw, drill, shear, punch, hand router, CNC router, panel saw, table saw	Digital printing, screen-printing, vinyl graphics, sign paint, laser engraving	Rout and bend, spot weld to aluminum backer, reciprocating saw, band saw	Class A, ASTM E84	5-year warranty on lamination 10-year Colorfast warranty on faces	Long-term
<b>Alumalite Ultra</b>	Circular saw, jigsaw, drill, shear, punch, hand router, CNC router, panel saw, table saw	Digital printing, screen-printing, vinyl graphics, sign paint, laser engraving	Rout and bend, spot weld to aluminum backer, reciprocating saw, band saw	Class A, ASTM E84	5-year warranty on lamination 10-year Colorfast warranty on faces	Long-term
<b>Omega-Bond Standard</b>	Circular saw, jigsaw, drill, shear, punch, hand router, CNC router, press brake, panel saw, table saw	Digital printing, screen-printing, vinyl graphics, sign paint, laser engraving	Rout and bend, roll form, reciprocating saw, band saw	Class A, ASTM E84	5-year warranty on lamination 5-year Colorfast warranty on faces	Long-term
<b>Omega-Bond Economy</b>	Circular saw, reciprocating saw, drill, panel saw, table saw, band saw	Digital printing, screen-printing, vinyl graphics, sign paint	Reciprocating saw, band saw	Class A, ASTM E84	5-year warranty on lamination 5-year Colorfast warranty on faces	Long-term
<b>Omega-Bond Premium</b>	Circular saw, reciprocating saw, drill, shear, punch, hand router, CNC router, press brake, panel saw, table saw, band saw	Digital printing, screen-printing, vinyl graphics, sign paint	Rout and bend, roll form, reciprocating saw, band saw	Class A, ASTM E84	5-year warranty on lamination 5-year Colorfast warranty on faces	Long-term
<b>LusterBoard</b>	Circular saw, jigsaw, drill, hand router, CNC router, panel saw, table saw	Digital printing, screen-printing, vinyl graphics, sign paint, laser engraving	Use like plywood	Class A, ASTM E84	5-year warranty on lamination* 10-year Colorfast warranty on faces	Medium-term
<b>Omega SignBoard</b>	Circular saw, jigsaw, drill, hand router, CNC router, panel saw, table saw	Digital printing, screen-printing, vinyl graphics, sign paint	Use like plywood		5-year warranty on lamination*	Medium-term

Check local distributor for availability of colors, sizes, and thicknesses.

\*Must be properly edge-sealed.

**Strong, durable, and made to last,  
our digital print-ready sign panel  
products are the industry standard.**

**Whether you're a professional sign-  
maker, distributor, fabricator, or installer,  
you can count on Laminators to deliver  
today's highest-quality sign panel  
products coupled with exceptional  
customer service.**



**LAMINATORS**  
**Composite Panel Solutions**

**LaminatorsInc.com**

**800.523.2347 ■ Fax: 215.721.4678**

**3255 Penn Street, Hatfield, PA 19440**