

Sign Panel Products

FOLLOW THE SIGNS TO BETTER SUBSTRATES



SIGN PANEL PRODUCTS

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For more than 50 years, Laminators Incorporated has manufactured a complete line of aluminum composite panels for the commercial construction and sign-making industries.

Our panels are strong, quick to fabricate and install, easy to maintain, and made to last.

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

Omega-Bond™ *Solid core aluminum composite panel*



CONSTRUCTION

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

SPECIFICATIONS

Sizes Available	Thickness	Finished Faces	Colors	Approx. Sheet Weight
4' x 8'	2mm	1 side or 2	White, White/mill	16 lbs.
4' x 8'	3mm	1 side	White/mill finished backer	25 lbs.
4' x 8'	3mm	2 sides	White, black, brushed gold, brushed silver, silver, yellow, red, blue, green, light ivory, bronze metallic	27 lbs.
4' x 10'	3mm	2 sides	White, black	31 lbs.
5' x 10'	3mm	2 sides	White*	39 lbs.
4' x 8'	4mm	2 sides	White	33 lbs.
4' x 8'	6mm	2 sides	White	50 lbs.
4' x 10'	6mm	2 sides	White	62 lbs.

*Colors available by special order, minimum order quantities required

BENEFITS

- Optimal for direct digital printing, bending, routing, 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
- High-quality, low-cost choice for interior and exterior signage needs
- "Class B" flame spread rating



INTERIOR & EXTERIOR APPLICATIONS

Scoreboards
Billboards
Real Estate Signs
Highway Signage
Government Spec Work
Fascias
Canopies
and more



STABLE & STRONG

Alumalite™ *Corrugated plastic core with double-sided aluminum*

CONSTRUCTION Alumalite & Econolite

- Strong, aluminum composite panel with high-density, corrugated polyallomer (CPA) 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

SPECIFICATIONS

Sizes Available	Thickness	Finished Faces	Colors	Approx. Sheet Weight
4' x 8'	6mm	2 sides	12 colors	25 lbs.
4' x 10'	6mm	2 sides	White*	31 lbs.
4' x 12'	6mm	2 sides	White	37 lbs.
5' x 8'	6mm	2 sides	White	31 lbs.
5' x 10'	6mm	2 sides	White	39 lbs.
5' x 12'	6mm	2 sides	White	47 lbs.
4' x 8'	10mm	2 sides	White*	32 lbs.
4' x 10'	10mm	2 sides	White*	40 lbs.
5' x 8'	10mm	2 sides	White	40 lbs.
5' x 10'	10mm	2 sides	White	50 lbs.
5' x 12'	10mm	2 sides	White	59 lbs.

*Colors available by special order, minimum order quantities required
Refer to page 14 for specific colors

INTERIOR & EXTERIOR APPLICATIONS

Wall- & Fence-Mounted Signs

Billboards/Multiple Panel Signs

Post & Panel Signs

Backlit Signs

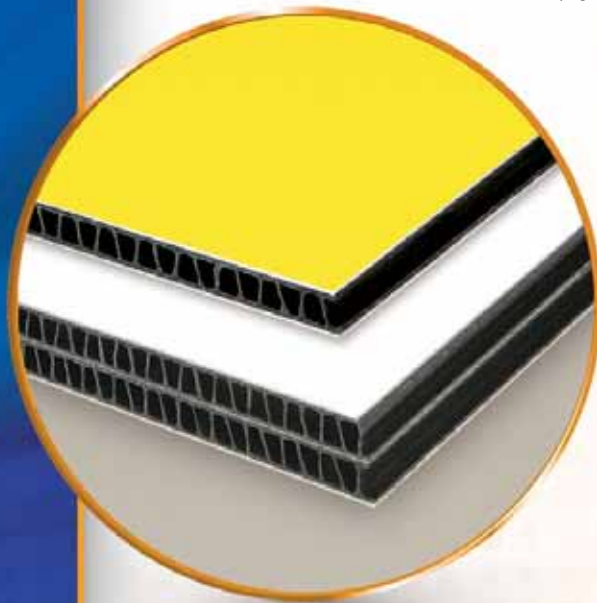
Cut-Outs

Channel Letters

Scoreboards

POP Displays

Kiosks



Econolite® *A single-sided version of Alimalite*

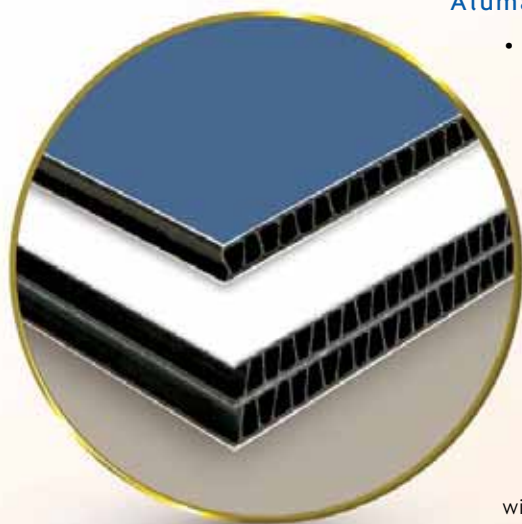
SPECIFICATIONS

Sizes Available	Thickness	Finished Faces	Colors	Approx. Sheet Weight
4' x 8'	6mm	1 side	12 colors	25 lbs.
4' x 10'	6mm	1 side	White*	31 lbs.
4' x 8'	10mm	1 side	White*	32 lbs.

*Colors available by special order, minimum order quantities required
Custom lengths up to 12'
Refer to page 14 for specific colors

BENEFITS

Alimalite & Econolite



- 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—same weight as .040 aluminum sheet metal yet 50 times stronger
- Routs and cuts easily with standard carpentry tools; even bends around corners
- Wind resistant—when properly fastened between two posts can withstand winds over 120 mph
- Water-, sun-, and temperature-resistant—with a “Class A” flame spread rating



STABLE & STRONG

INTERIOR & EXTERIOR APPLICATIONS

Wall- & Fence-Mounted Signs

Billboards/Multiple Panel Signs

Post & Panel Signs

Backlit Signs

Channel Letters

Scoreboards

POP Displays



LIGHTWEIGHT & DURABLE

D-Lite™ *Corrugated plastic core, painted aluminum face*

CONSTRUCTION

- High-density, corrugated polyallomer (CPA) that will not swell, corrode, rot, wick water, or delaminate—making it perfect for all outdoor or UV-exposed indoor applications
- Finished surface is high-gloss, factory-baked polyester painted aluminum on two sides or with a coated aluminum backer
- Paint surface is highly reflective and warranted not to crack, chip, flake, or peel; Colorfast 10-year limited warranty

SPECIFICATIONS

Sizes Available	Thickness	Finished Faces	Colors	Approx. Sheet Weight
4' x 8'	3mm	1 side or 2	White*	16 lbs.
4' x 10'	3mm	1 side*	White*	20 lbs.

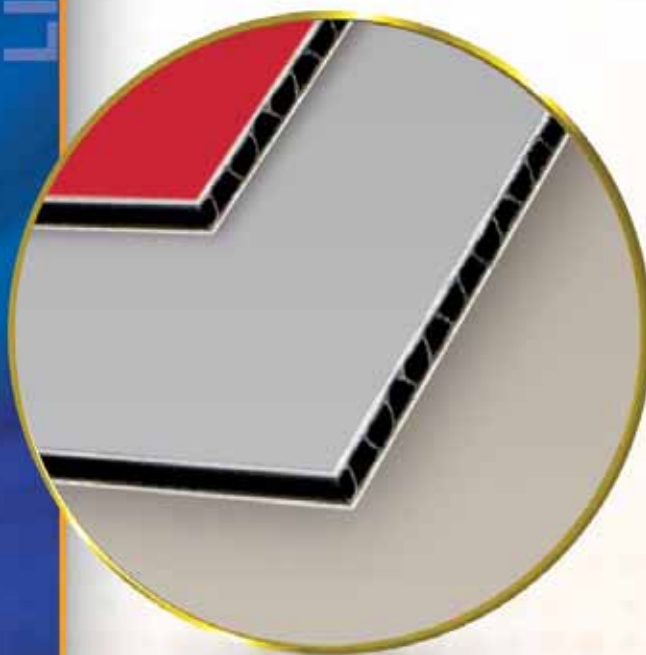
*2 sides and colors available by special order, minimum order quantities required
Refer to page 14 for specific colors

BENEFITS

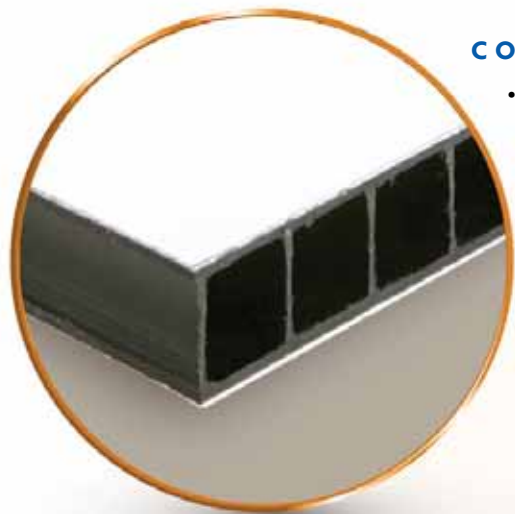
- One of our thinnest panels and 10 times more rigid than .040 aluminum, an economical alternative to aluminum sheet metal
- Available in single and double-sided aluminum finishes
- Ideal for paints, pressure-sensitive vinyl, and digital inks (both UV and solvent cured)

INTERIOR & EXTERIOR APPLICATIONS

POP Displays
Exhibits
Billboards
Scoreboards



Pro-Lite™ *Single profile core, painted faces on both sides*



CONSTRUCTION

- Painted aluminum faces bonded to a 10mm single profile core that is resistant to water and exposure to UV light
- Finished surfaces are high-gloss, factory-baked polyester paint on both aluminum sides

SPECIFICATIONS

Sizes Available	Thickness	Finished Faces	Colors	Approx. Sheet Weight
4' x 8'	10mm	1 side or 2	White*	28 lbs.
4' x 10'	10mm	2 sides	White*	34 lbs.
5' x 10'	10mm	2 sides	White	43 lbs.

*Colors available by special order, minimum order quantities required
Refer to page 14 for specific colors

BENEFITS

- A 10mm panel that is lightweight and amazingly strong
- Ideal for paints, pressure-sensitive vinyl, and digital inks (both UV and solvent cured)
- Paint will not crack, chip, flake, or peel



LIGHTWEIGHT & DURABLE

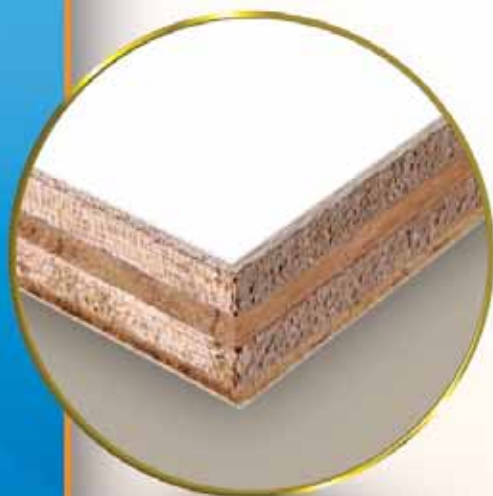
INTERIOR & EXTERIOR APPLICATIONS

Hanging Signs
Wall- & Fence-Mounted Signage
Billboards
Post & Panel Signs



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

SPECIFICATIONS

Sizes Available	Thickness	Finished Faces	Colors	Approx. Sheet Weight
4' x 8'	1/2"	1 side or 2	White	49 lbs.
4' x 10'	1/2"	1 side or 2	White	61 lbs.

BENEFITS

- Offers a strong, economical sign panel with a glossy, white vinyl surface that will not flake or peel
- Ideal for the application of pressure-sensitive vinyl
- Easy to fabricate with standard carpentry tools
- Stronger and lighter than MDO panels

INTERIOR & EXTERIOR APPLICATIONS (Must be edge-sealed for outdoor use)

Directional Signage

Exhibits

Kiosks

Cut-Outs

Wall- & Fence-Mounted Signage

Billboards

Post & Panel Signs

Scoreboards

A-Frame Signs

SCRATCH-RESISTANT

LusterBoard® Painted aluminum bonded to both sides of furniture-grade exterior 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 both sides of the hardwood core, creating a smooth, glossy finish

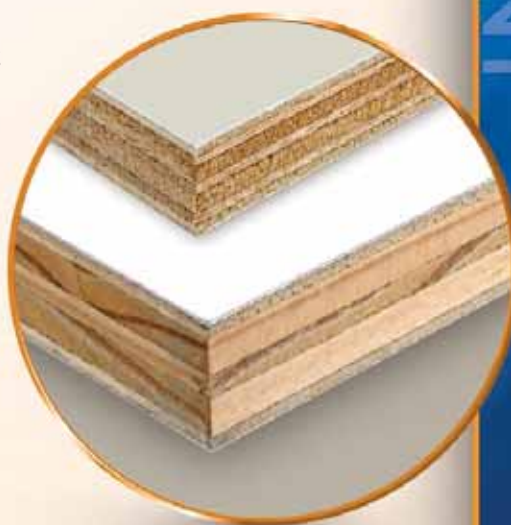
SPECIFICATIONS

Sizes Available	Thickness	Finished Faces	Colors	Approx. Sheet Weight
4' x 8'	1/4"	2 sides	White*	34 lbs.
4' x 8'	1/2"	2 sides	12 colors	58 lbs.
4' x 10'	1/2"	2 sides	White*	72 lbs.

*Colors available by special order, minimum order quantities required
Refer to page 14 for specific colors

BENEFITS

- Features a light yet rigid construction, allowing for easier handling and installation
- Available in 12 colors, Colorfast surface is warranted not to fade, flake, or peel
- Easy to fabricate with standard carpentry tools
- Stronger and lighter than MDO panels
- Ideal for paints, pressure-sensitive vinyl, and digital inks (both UV and solvent cured)



SignPly® Single-sided version of LusterBoard (see above for construction and benefits)

SPECIFICATIONS

Sizes Available	Thickness	Finished Faces	Colors	Approx. Sheet Weight
4' x 8'	1/2"	1 side	White*	52 lbs.
4' x 10'	1/2"	1 side	White*	65 lbs.

*Colors available by special order, minimum order quantities required
Refer to page 14 for specific colors

INTERIOR & EXTERIOR APPLICATIONS (Must be edge-sealed for outdoor use)

- Cut-Outs
- Wall- & Fence-Mounted Signage
- Billboards
- Post & Panel Signs
- Scoreboards
- A-Frame Signs

Product Comparison Chart

	Construction	Applications	Available Colors	Panel Sizes	Thicknesses
Omega-Bond	Painted aluminum Solid plastic core	Scoreboards, billboards, real estate signs, highway signage, government spec work, fascias, canopies, and more	White, Black, Brushed Gold, Brushed Silver, Silver, Yellow, Red, Blue, Green, Light Ivory, Bronze Metallic	4' x 8' 4' x 10' (White and Black) 5' x 10' (White only)	2mm 3mm 4mm 6mm Other thicknesses available by special order
Alumalite	Painted aluminum Corrugated polyallomer core	Interior & exterior signage, wall- & fence-mounted signs, billboards/multiple panel signs, post & panel signs, backlit signs, cut-outs, channel letters, scoreboards, POP displays, kiosks	White, Candy Apple Red, Sunset Red, Royal Blue, Ivy Green, Brite Yellow, Raven & Matte Black, Silver Metallic, Ivory, Regal Bronze, Sand Beige	4' x 8' 4' x 10' 4' x 12' 5' x 8' 5' x 10' 5' x 12'	6mm 10mm
Econolite	Painted aluminum Corrugated polyallomer core Coated aluminum backer	Interior & exterior signage, wall- & fence-mounted signs, billboards/multiple panel signs, post & panel signs, backlit signs, channel letters, scoreboards, POP displays	White, Candy Apple Red, Sunset Red, Royal Blue, Ivy Green, Brite Yellow, Raven & Matte Black, Silver Metallic, Ivory, Regal Bronze, Sand Beige	4' x 8' 4' x 8' 4' x 10' Custom lengths up to 12'	6mm 10mm
D-Lite	Painted aluminum Corrugated polyallomer core	Interior & exterior signage, POP displays, exhibits, billboards, scoreboards	White Colors available by special order	4' x 8' 4' x 10'	3mm
Pro-Lite	Painted aluminum Single profile plastic core	Interior & exterior signage, hanging signs, wall- & fence-mounted signage, billboards, post & panel signs	White Colors available by special order	4' x 8' 4' x 10' 5' x 10' Custom lengths up to 12'	10mm
Omega SignBoard	Smooth, glossy vinyl Furniture-grade exterior plywood core	Interior & exterior signage, directional signage, exhibits, kiosks, post & panel signs, cut-outs, wall- & fence-mounted signs, billboards, scoreboards, A-frame signs	White	4' x 8' 4' x 10'	1/2"
LusterBoard	Painted aluminum Furniture-grade exterior plywood core	Interior & exterior signage, cut-outs, wall- & fence-mounted signs, billboards, post & panel signs, scoreboards, A-frame signs	White, Candy Apple Red, Sunset Red, Royal Blue, Ivy Green, Brite Yellow, Raven & Matte Black, Silver Metallic, Ivory, Regal Bronze, Sand Beige	4' x 8' 4' x 10'	1/4" 1/2"
SignPly	Painted aluminum Furniture-grade exterior plywood core Coated aluminum backer	Interior & exterior signage, cut-outs, wall- & fence-mounted signs, billboards, post & panel signs, scoreboards, A-frame signs	White Colors available by special order	4' x 8' 4' x 10'	1/2"

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

Fabrication	Surface Finishing	Mounting Techniques	Forming Techniques	Flammability	Exterior Usage Warranty	Average Application Life
Circular saw, jigsaw, drill, shear, punch, hand router, CNC router, press brake, panel saw, table saw	Digital printing, screen printing, vinyl graphics, sign paint	Bolt or screw, adhesive, PVC or aluminum frame systems	Rout and bend, roll form, jigsaw, saber saw, band saw	Class B, ASTM E84	5-year warranty on lamination 5-year Colorfast warranty on faces	Long term
Circular saw, jigsaw, drill, shear, punch, hand router, CNC router, panel saw, table saw	Digital printing, screen printing, vinyl graphics, sign paint	Bolt or screw, extrusion, adhesive, PVC or aluminum frame systems	Rout and bend, jigsaw, saber saw, band saw	Class A, ASTM E84	5-year warranty on lamination 10-year Colorfast warranty on faces	Long term
Circular saw, jigsaw, drill, shear, punch, hand router, CNC router, panel saw, table saw	Digital printing, screen printing, vinyl graphics, sign paint	Bolt or screw, extrusion, adhesive, PVC or aluminum frame systems	Rout and bend, spot weld to aluminum backer, jigsaw, saber saw, band saw	Class A, ASTM E84	5-year warranty on lamination 10-year Colorfast warranty on faces	Long term
Circular saw, jigsaw, drill, shear, punch, hand router, CNC router, panel saw, table saw	Digital printing, screen printing, vinyl graphics, sign paint	Bolt or screw, adhesive, PVC or aluminum frame systems	Rout and bend, spot weld to aluminum backer (one-sided panels only), jigsaw, saber saw, band saw	Class A, ASTM E84	5-year warranty on lamination 10-year Colorfast warranty on faces	Long term
Circular saw, jigsaw, panel saw, table saw, drill, hand router, CNC router	Digital printing, screen printing, vinyl graphics, sign paint	Bolt or screw, extrusion, adhesive, PVC or aluminum frame systems	Rout and bend, jigsaw, saber saw, band saw		5-year warranty on lamination 10-year Colorfast warranty on faces	Long term
Circular saw, jigsaw, drill, hand router, CNC router, panel saw, table saw	Digital printing, screen printing, vinyl graphics, sign paint	Bolt or screw, extrusion, adhesive, PVC or aluminum frame systems	Use like plywood		5-year warranty on lamination*	Medium term
Circular saw, jigsaw, drill, hand router, CNC router, panel saw, table saw	Digital printing, screen printing, vinyl graphics, sign paint	Bolt or screw, extrusion, adhesive, PVC or aluminum frame systems	Use like plywood	Class A, ASTM E84	5-year warranty on lamination* 10-year Colorfast warranty on faces	Medium term
Circular saw, jigsaw, drill, hand router, CNC router, panel saw, table saw	Digital printing, screen printing, vinyl graphics, sign paint	Bolt or screw, extrusion, adhesive, PVC or aluminum frame systems	Use like plywood	Class A, ASTM E84	5-year warranty on lamination* 10-year Colorfast warranty on faces	Medium term

* Must be properly edge sealed

Have questions about choosing the most appropriate product for your specific application?
Please contact a Sales Representative at 877.OMEGA.77.

Accessories

ADDITIONAL ITEMS FROM LAMINATORS INC.

EDGE CAP AND SEALANT

Edge Cap is available as a “U” channel molding in two thicknesses: 1/2" or 1/4". We also offer an “H” extrusion which can be used for seaming two panels together, or a “J” extrusion to frame the outside of the sign. Choose from a variety of attractive colors to accent the perimeter of your sign.

EDGE CAP SPECIFICATIONS

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

EXTRUSION SPECIFICATIONS

Size	Product	Color
1/4" x 120"	2-part snap aluminum “J” cap* (wall installation)	12 colors
1/4" x 120"	2-part snap aluminum “H” cap* (joining panels)	12 colors
1/2" x 98"	PVC “H” cap	White

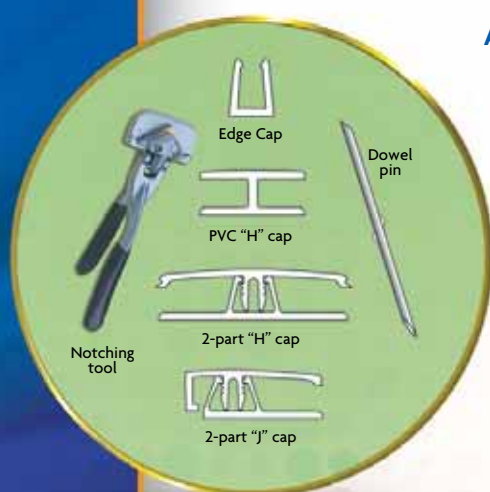
*The receptor/mounting track is plastic.

DOWEL PINS

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

NOTCHING TOOL

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



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

Extrusions

Laminators offers a variety of extrusions to suit your needs. Below are the dimensions and configurations for some of our standard pieces.

SNAP-IN EXTRUSIONS

The wall thickness for the top pieces is 0.050.

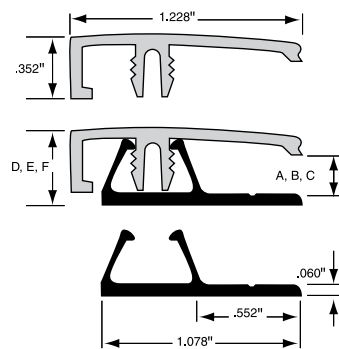
Gap A, B, C indicates the three snap positions to accommodate panel thickness.

Gap	Height
A) 0.215"	D) 0.412"
B) 0.265"	E) 0.462"
C) 0.315"	F) 0.512"

Faceplates are shown in grey.

Receptors are shown in black.

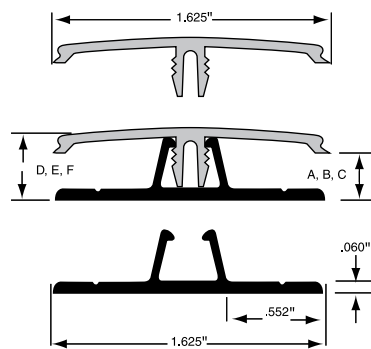
The letter X identifies the extrusion color.



"J" Extrusion

Item 4315X: Faceplate

Item 43100: Receptor






"H" Extrusion

Item 4305X: Faceplate


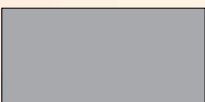


Item 43000: Receptor

Sign Panel Color Chart

ALUMALITE, ECONOLITE, D-LITE, PRO-LITE* LUSTERBOARD, AND SIGNPLY*

			
White	Raven Black	Royal Blue	Ivory
			
Sunset Red	Brite Yellow	Ivy Green	Regal Bronze
			
Silver Metallic	Matte Black	Candy Apple Red	Sand Beige

OMEGA-BOND

			
White	Black	Brushed Gold	Brushed Silver
			
Silver	Yellow	Red	Blue
			
Green	Light Ivory	Bronze Metallic	

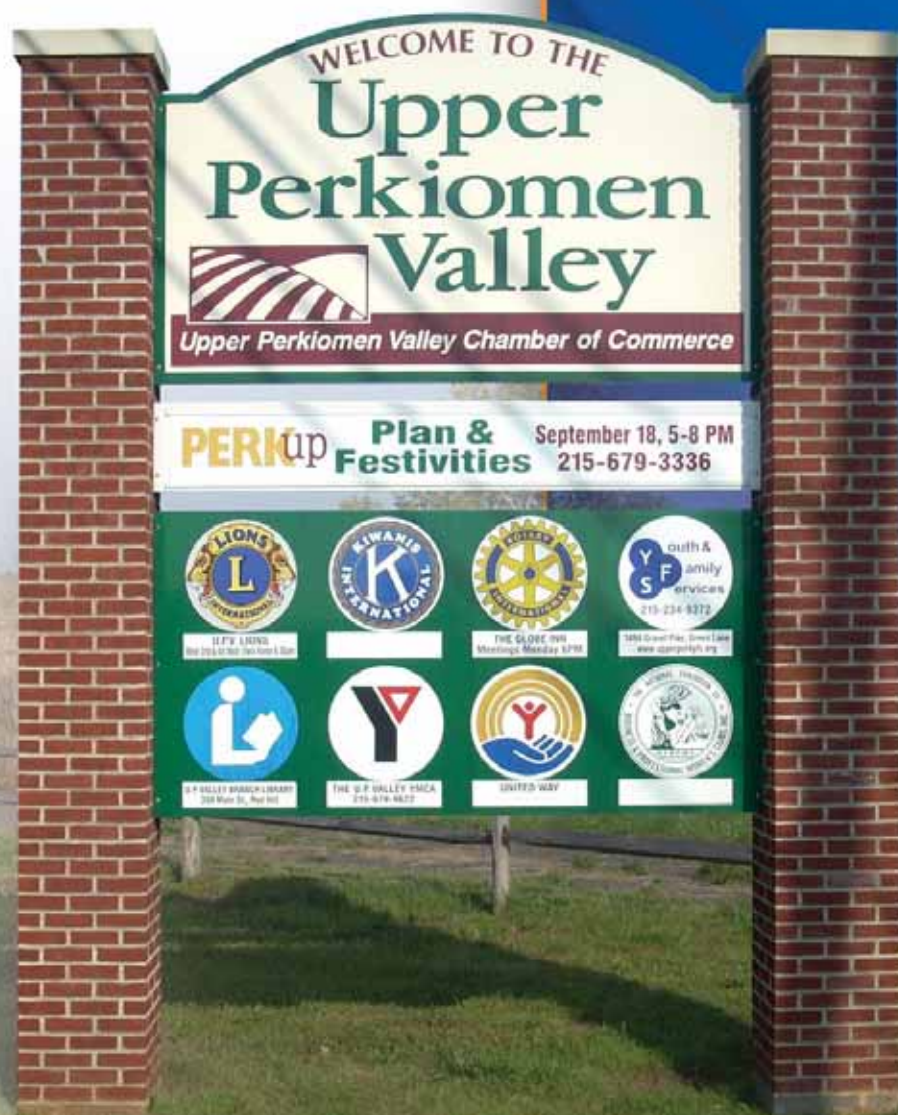
Colors shown are as close to actual painted sign panels as possible with available printing techniques. Please call for color chip samples if needed. Color variation is a characteristic of aluminum composite panels with metallic paint finishes. Laminators does not warrant a color match for these panels. Colors subject to availability. Please check with your local distributor for color availability.

*Colors available by special order

Laminators Incorporated manufactures a full line of 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.

To speak with a sign panel representative, please call 877.OMEGA.77.



*Strong, durable, and ready to use,
our sign panel products are the industry
standard for professional sign makers.*



LaminatorsInc.com

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