

Creative Panel Solutions
Custom Panel Laminators

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Laminated Aluminum Panels

Simple, Durable, Reliable, and Easy to Maintain

Introduction

Our Laminated Aluminum panels incorporate our Aluminum laminates with a variety of substrates to create a solid, durable panel to finish your spaces in just one step. Our Laminated Aluminum panels are ideal for new construction as they install directly to studs for a fast, simple, cost-effective one-step installation. Our Laminated Aluminum panels offer an attractive, scratch and impact resistant finish and will not hold food or dirt particles, plus they resist moisture, stains, odors, chemicals and clean easily with steam, high pressure sprayers or soap and water.



Suggested Applications and Uses

Our Laminated Aluminum Panels can be used in a variety of applications such as walls, ceilings, partitions (interior or exterior) and provide excellent performance. Install them directly to studs or joists for fast, easy, cost-effective construction, or have us cut them to size for use in suspended ceiling applications. These panels meet all USDA, FDA, and Agriculture Canada standards, so you can install them with confidence. Use them for:

Bakeries	Meat Packing Facilities	Locker Rooms	Car Wash Bays
Clean Rooms	Food Processing Plants	Milking Parlors	Hog Confinements
Swimming Pools	Supermarkets	Veterinary Clinics	Restaurants
Cold Storage Facilities	Animal Kennels	Poultry Confinements	Warehouses
Laboratories	Restrooms	Farm Buildings	Cafeterias
Schools	Water Treatment Plants	Kitchens	Truck Trailers

Laminates

Aluminum laminates are available in a variety of colors, textures and thicknesses. Aluminum performs exceptionally in a multitude of applications, is accepted by the USDA, FDA, and Agriculture Canada, and provides an extremely durable finish that is ideal for high impact and heavy abuse areas. Standard Laminates are Class C fire rated per ASTM E-84. Class A Fire Rating laminates are available.

Standard Colors: White, Bronze, Natural

Additional Colors: Call for availability

Laminate Thicknesses: .011", .013"

Finish Options: Textured

NOTE: Not all Additional Color laminates are available in all colors, fire ratings, or textures. Contact Creative Panel Solutions Technical support for more information.

Additional Components and Installation

Vinyl and Aluminum moldings, sealants, and adhesives, are available to enhance your installation. Refer to our Installation Instructions or call for more information.

Substrates:

Creative Panel Solutions uses only the finest substrates available. Our products come from only the finest mills, and every load is inspected for finish quality, tolerance and square. We offer the following substrates for our Laminated Aluminum Panels:

American Plywood Association (APA) rated plywoods and Oriented Strand Board (OSB)
Moisture Resistant Plywood
Fire Rated Plywood
Fire Rated Gypsum Board
Exterior Particleboard
Luan and Radiata Plywoods
Fire Rated Particle Board
Exterior Fiberboard

Panels Sizes and Thicknesses

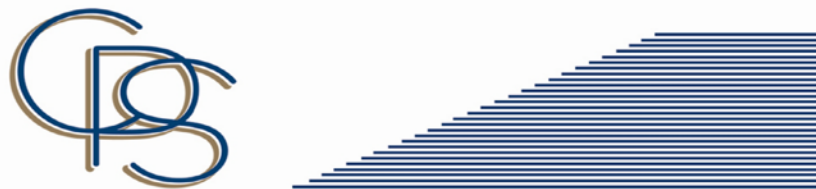
We offer a variety of panel sizes and thicknesses to accommodate standard construction projects, and we have the capacity to custom cut your material to your specifications. Our standard offerings are:

Panels Sizes: 4'x8', 4'x 10', and 4' x 12'
Panel Thicknesses: 1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", and 1"

For custom cut applications, or for sizes and thicknesses not listed, please contact Creative Panel Solutions Technical Support to learn how we can customize panels for your project to streamline your installation and save you money.

Physical Characteristics

Property	Value	Test Method
Tensile Strength	22,000 psi	ASTM E8-89
Elongation	1%	ASTM E8-89
Melting Point	1200 ⁰ F	
Corrosion Resistance	Excellent	
Specific Heat	.215 BTU/LB ⁰ F	
Density	.099 LBS/CU IN	
Flame Spread Index	20	E84
Smoke Developed Value	470	E84
Linear Coefficient of Expansion	13.3x10 ⁻⁶ IN/IN ⁰ F	
Elasticity Modulus	10.0 x 10 ⁶	



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