

Creative Panel Solutions
Custom Panel Laminators

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Laminated FRP Panels

Simple, Durable, Reliable, & Easy to Maintain

Introduction

Our Laminated FRP panels incorporate our FRP with a variety of substrates to create a solid, durable panel to finish your spaces in just one step. Our Laminated FRP panels are ideal for new construction as they install directly to studs for a fast, simple, cost-effective one-step installation. Like our Standard FRP, our Laminated FRP panels also 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 FRP 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:

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|-------------------------|-------------------------|----------------------|------------------|
| 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

Fiberglass Reinforced Plastic laminates are available in a variety of colors, textures and thicknesses. FRP 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, Ivory, Almond, Beige, Grey, Silver, Black

Additional Colors: Blue, Brown, Red, Green, Yellow, Orange, Aqua, Pink, Bordeaux, Jade, Bronze, Dark Grey

Laminate Thicknesses: .030", .040", .050", .060", .075", .090", .120"

Finish Options: Textured or Smooth Gelcoat

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 FRP 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

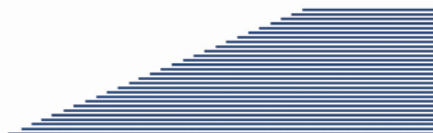
We offer a variety of panel sizes and thicknesses to accommodate standard construction projects, and we have the capacity to custom cut your material to your specifications. Our standard offerings are:

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		Test Method
Flexural Strength	17,000 psi	ASTM D790
Flexural Modulus	6.9×10^5 psi	ASTM D790
Tensile Strength	12,000 psi	ASTM D638
Tensile Modulus	9.4×10^5 psi	ASTM D638
Barcol Hardness	35	ASTM D2583
Izod Impact Resistance	6 ft-lb/in notched	ASTM D256
Specific Gravity	1.53	ASTM D792
Coefficient of Linear Thermal Expansion	1.6×10^{-5} in/in- ⁰ F	ASTM D696
Water Absorption	0.4%/24 hours@77 ⁰ F	ASTM D570
Flame Spread Index	200	E84-81A
Smoke Developed Value	450	E84-81A
Fire Rating Class	C/3	
Ignition Temperature	650 ⁰ F	D1929
Compressive Strength	19,000 PSI	D695
Compressive Modulus	8.0×10^5 PSI	D695



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