



**Creative Panel Solutions**  
*Custom Panel Laminators*

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## Laminated HDPE Panels

### Simple, Durable, Reliable, and Easy to Maintain

#### Introduction

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

High Density Polyethylene laminates are available in a variety of colors, textures and thicknesses. HDPE performs exceptionally in a multitude of applications, is accepted by the USDA, and provides a finish that is ideal for light duty, high moisture areas. Standard Laminates are Class C fire rated per ASTM E-84.

**Standard Colors:** White

**Additional Colors:** May be available on requests. Please call for details.

**Laminate Thicknesses:** .030", .050"

**Finish Options:** Textured or Smooth

#### 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 HDPE 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 Stiffness	132,000 psi	ASTM D747
Torsional Stiffness	140,000 psi	ASTM D1043
Rockwell Hardness	40-80	ASTM D785
Abrasion Resistance	1-5 mg/1000	ASTM D1044
Tensile Strength	4450 PSI	ASTM D638
Izod Impact Resistance	7 ft-lb/in	ASTM D256
Melt Index	0.25g/10 min	ASTM D1238
Density	0.95 min 9/cc	ASTM D1238
Low Temperature Brittleness	L-74 <sup>0</sup> C	ASTM D746
Flame Spread Index	100	E84
Smoke Developed Value	450	E84
Oxygen index	17.4	D2863
Ignition Temperature	635 <sup>0</sup> F	D1929



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