



Creative Panel Solutions  
Custom Panel Laminators

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## Installation Instructions

FRP PANELS, POLY PANELS, FOUNDATION LINER, LAMINATED FRP, LAMINATED POLY

### Storage and Preparation

Panels should only be stored in a dry, indoor area. Panels should NEVER be store outdoors.  
Panels should be unwrapped, removed from the pallet, and stacked on a flat, dry surface.  
Panels should be allowed to acclimate to the space where they will be installed for a minimum of 24 hours.  
Normal fire safety precautions should be employed when storing and using panels.

### Tools

**Panels can** be cut using power saws with carbide tip blades. Liner panels may also be cut with masonry blades. Panels may be drilled for fastening with metal drill bits. Masonry bits should be used when drilling into concrete. Always make sure to replace worn or dull blades or bits for safety and efficiency.

**NOTE: ALWAYS protect your eyes with goggles and your mouth and nose with a filter when cutting panels.**

### General Notes:

Follow all safety and fire guidelines during installation and use of panels. Refer to local code officials for compliance with local code requirements.  
The first panel should always be set true with a plumb line. Regularly check for plumb throughout installation.  
Acclimate panels to the space where they are to be installed for a minimum of 24 hours.  
Use recommended adhesives, fasteners, moldings, and sealants.  
Whenever possible, place moldings (i.e. caps, corners, etc.) on panels prior to installing panels.  
Span studs or joists with the proper thickness of panels. Using inadequate thickness panels may result in sagging and warping.  
Trim silicone sealants AFTER they have dried for best results.  
Clean panels after installation. When using latex mastics, use a damp sponge to remove excess adhesive.

### Expansion and Contraction

All panels will expand and contract. For this reason, panels must be installed to accommodate the movement of the panels to ensure a smooth, aesthetically pleasing finish for the life of the panels. Allow 1/8" gap at both ceiling and floor, and allow 1/16" gap between the panel and division bar. If using face mounted moldings, allow 1/8" gap between panels. If panels are longer than 8', and in areas where temperatures fluctuate widely, allow additional space for movement.

### Liner Panel Installations

Substrates should be clean, smooth, and solidly fastened with no protrusions. Good quality latex mastic adhesive, such as Franklin #4054, should be applied to the panel using a serrated trowel. For specific instructions regarding adhesives, refer to the installation instructions provided by the adhesive manufacturer.  
Always pre-fit, cut, and trim panels before applying adhesives and installing.  
The first panel should always be set true with a plumb line. Center the first panel on the wall and work toward the corners to provide even cuts at the corners. Check for plumb periodically throughout the installation to ensure a true, aesthetically pleasing installation.

## **Moldings**

Recommended moldings, such as Inside Corners, Outside Corners, Division Bars, etc., should be utilized to enhance the aesthetic appearance of the installation and provide additional durability and water resistance. Fasteners may also be recommended. For more information on using fasteners, contact Creative Panel Solutions Technical Support.

## **Laminated Panel Installations**

Structures should be straight, true, and plumb. Always pre-fit, cut, and trim panels before installation. The first panel should always be set true with a plumb line. Center the first panel on the wall and work toward the corners to provide even cuts at the corners. Check for plumb periodically throughout the installation to ensure a true, aesthetically pleasing installation.

All Laminate panel edges must be supported by framing members (studs or joists).

For wall structures framed 16"-24" OC, use minimum 3/8" panel substrate. For ceiling structures framed 16" OC, use minimum 3/8" panels substrate; for 24" OC framing, use minimum 1/2" panel substrate.

Stud walls should be supported on opposite side of the panel installation side and properly sized studs must be used for the panels selected to prevent deflection in the wall assembly.

## **Fastening**

Fastener frequency may vary depending on the thickness of the panel substrate. For specific recommendations, please contact Creative Panel Solutions Technical Support.

When attaching to wood studs 16" OC, use stainless nails on edges every 8" OC, staggered on opposite panel edges. On Center studs, use plastic rivets 24" OC. For other configurations, contact Creative Panel Solutions Technical Support.

When attaching to metal studs 16" OC, use stainless screws or TEK screws on edges every 8" OC, staggered on opposite panel edges. On Center studs, use plastic rivets 24" OC. For other configurations, contact Creative Panel Solutions Technical Support.

If plastic fasteners are the only type of fastener to be used, place them 12" OC along edges and 16" OC on center studs.

For attachment to horizontally mounted studs, contact Creative Panel Solutions Technical Support.

In some applications, it may be possible to install panels using fasteners along edges and adhesives on center studs to eliminate face fasteners. For specific instructions on this installation method, contact Creative Panel Solutions Technical Support.

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## **Cleaning Instructions**

Creative Panel Solutions panels are designed for minimum care and maintenance. Following these instructions will help enhance the appearance and performance of your panels for the life of the installation. When cleaning these panels, they should be washed with a light detergent such as Mr. Clean, 409, or Pine-Sol. Panels may also be cleaned with high pressure washers, soap & water, or steam.

For initial cleaning immediately following installation, a 5%-10% solution of Tri-Sodium Phosphate may be used. Panels should be rinsed thoroughly after chemical application for best results.

Removing hard water spots may be accomplished using a 10% solution of Acetic Acid in soft, cold water. Rinsing thoroughly will improve results.

Do not use abrasive cleaners or cleaning pads such as SOS or Ajax as they may permanently damage the surface of the panels.

