

## FASTENER LAYOUT

The first panel installed should be set using a plumb line. Continue to check plumb line during installation. Do not fasten panels until moldings are in place unless face mounted moldings are being used.

## SOLID WALL

- Pre-fit panels and cut if necessary before installation.
- Fasten panel at the top and work downward and outward.
- Attach panel using 28 fastener pattern (Figure #7) or 18 fastener pattern (Figure #8).
- Fasteners can be staggered along adjoining panel edges (Figure #10); or position fasteners symmetrically from one panel to another (Figure #7 or #8).
- Use a template to pre-drill panels for faster installation.

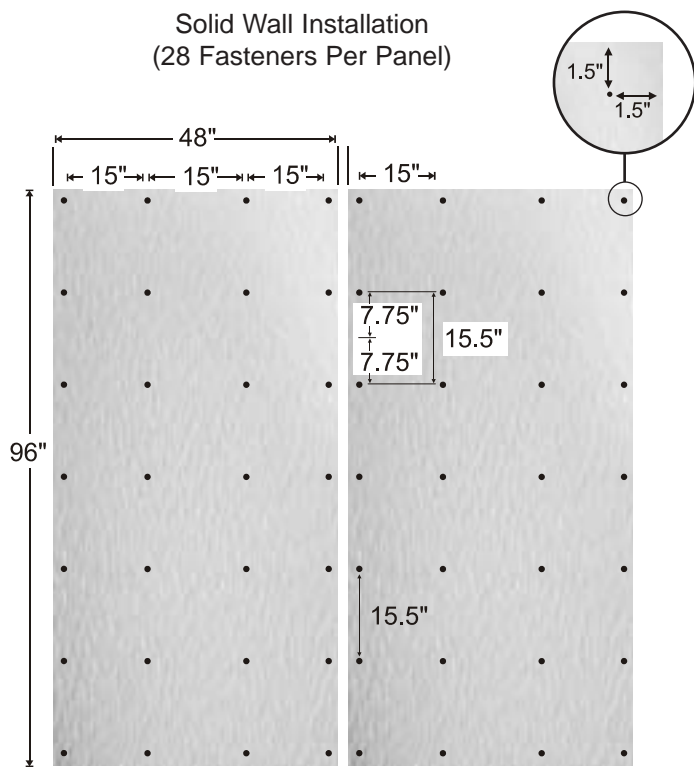


Figure #7

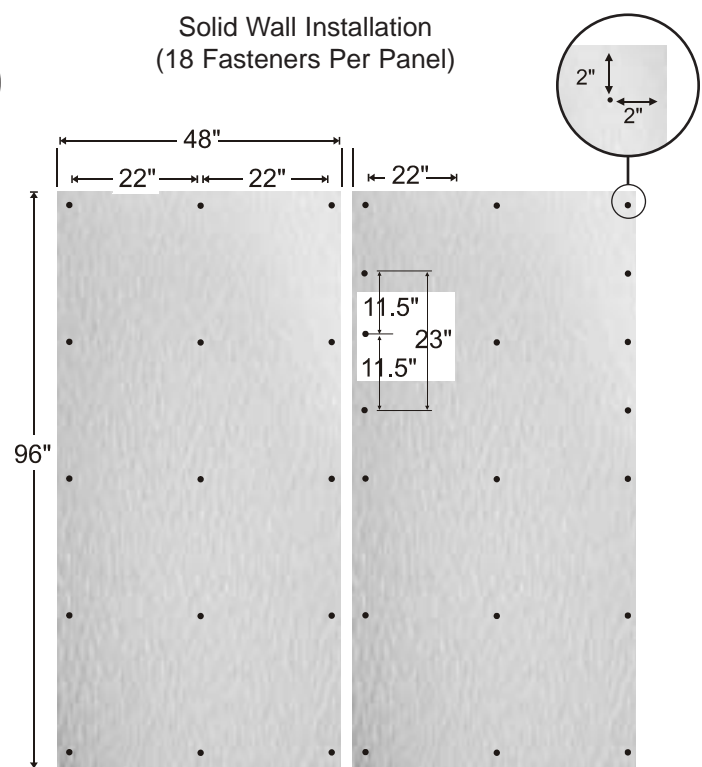


Figure #8

A wide variety of Prime Laminated Panels are suitable for installation on wood or steel studs. Select the appropriate panel (thickness & strength) to span the stud or joist spacing.

Suggested minimum thickness of panel substrate	Wall Studs 16" oc	Wall Studs 24" oc	Ceiling Joists 16" oc	Ceiling Joists 24" oc
	3/8"	1/2"	1/2"	5/8"

- Pre-fit panels and cut if necessary before installation.
- A vapor barrier should be installed behind laminated panels in high moisture areas.
- Use minimum 25 gauge steel studs for installation of wood backed laminated panels.
- Stud walls should have support on the back side (opposite the laminated panel) to prevent bowing of the wall system.

Suggested fastener pattern for 4' X 8' Prime Laminated Panels (figures #9, 10 & 11):

	Wood Studs 16" oc	Wood Studs 24" oc	Steel Studs 16" oc	Steel Studs 24" oc
Perimeter fasteners	36 stainless nails 8" oc	36 stainless nails 8" oc	36 screws 8" oc	36 screws 8" oc
Center fasteners	6 plastic rivets	5 plastic rivets	6 plastic rivets	5 plastic rivets

- Stagger nails or screws on adjoining panel edges.
- Moldings should be used to conceal perimeter nails or screws.

Installations with no visible fasteners on the panel face require a combination of adhesive and fasteners. Apply an adequate coating of adhesive to the center studs. Attach the panel perimeter with nails or screws. Cover edge fasteners with face mounted moldings. See Figure #6

16" On Center Studs

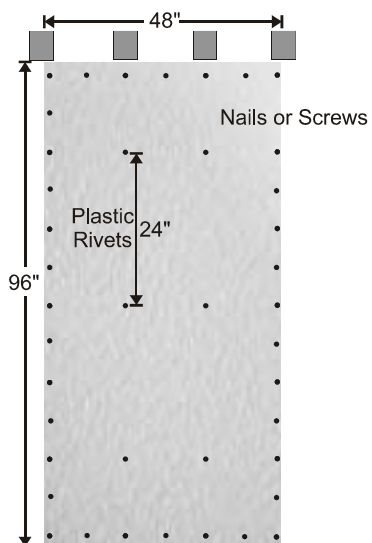


Figure #9

24" On Center Studs

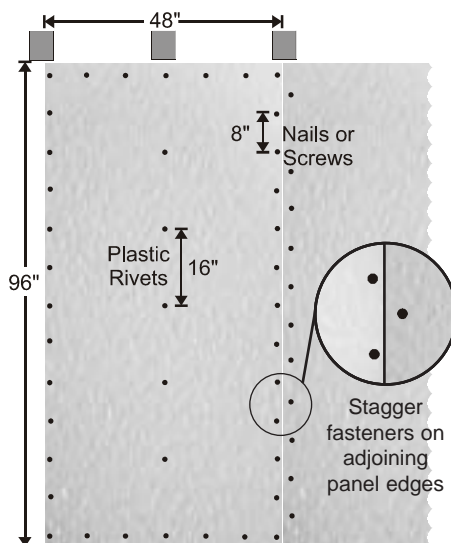


Figure #10

No Fasteners Showing (adhesive on center stud)

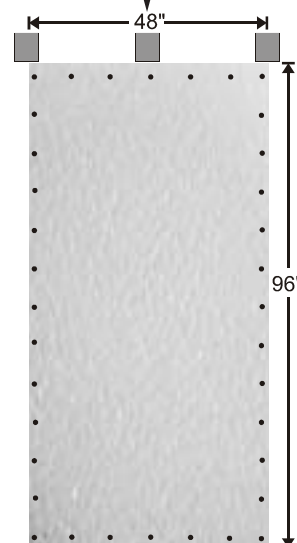


Figure #11