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## General Guidelines for installation of Plyboo Reveal® and Linear® Collection Panels

There are a variety of hanging systems available on the market. Our recommendation is the Monarch Z-clip system. This system is sturdy and easy to use.

### The following is an example of a vertical (8'(2.438m)running vertically) installation using the Monarch Z-clip system:

We recommend that you review this carefully along with the Monarch Metal webpage [www.monarchmetal.com/z-clip-selector-tool/](http://www.monarchmetal.com/z-clip-selector-tool/) that contains further detailed installation instructions and a helpful video ([http://www.monarchmetal.com/wp-content/uploads/2013/03/all\\_01.mp4](http://www.monarchmetal.com/wp-content/uploads/2013/03/all_01.mp4))

Now that you are familiar with the Monarch hanging system it is time to select a clip. Using the Z-clip selector tool at the Monarch Metal website: <http://www.monarchmetal.com/z-clip-selector-tool/>

## Find the Right Z Clip

### Five simple questions to determine the right \_\_\_\_\_ Monarch Z Clip specification

1. What type of Hanging System are you looking for?

(choose Standard Monarch Z clips)

2. How far would you like the installed panel to sit out from the wall (the "projection")?

(choose Minimum Possible)

3. How much clearance is there between the panel and the finished ceiling?

(choose between (3/8"/10mm, 1/2"/12.7mm and 3/4"/19mm)

4. What is the material / substrate and the thickness of the panel being mounted?

(choose 3/4"(19mm) plywood)

5. What are you mounting the panel to?

(choose the substrate in the dropdown menu option on the webpage)

A few further helpful comments after having reviewed the Monarch installation instructions, installation video and having selected an appropriate clip system. The Monarch Z-clip can come with pre-drilled screw holes and additional holes can be made in the field as needed. Before setting screws, lay Z-clips in their proper position on the back of the panel. Draw a pencil line along the top and bottom edges of the clip as well as mark the panel where the screw holes will go. Using an 1/8" (3.2mm) drill bit, drill into the back of the panel to a depth of approx. 1/4" (6.35mm) taking care not to drill through the face.

Using Loctite PL Premium Polyurethane Construction Adhesive, run a 1/8" (3.2mm) diameter bead of adhesive 3/8" (10mm) down from the top edge pencil mark on the panel. \*It is important to clean the Z-clip surface before applying adhesive to achieve best adhesion results. It is also important to keep the bead of adhesive in the upper fluting area of the Z-clip to avoid adhesive squeezing into the seating area. Adhesive in this area can inhibit the companion clip from seating evenly creating an uneven hang. Using an #8-1/2" (12.7mm) stainless steel pan head phillips self-tapping screw, fasten the clips into place. Note as the depth of the screw and screw hole is minimal, it is best to screw these in place by hand rather than with a screw gun.

For further note the actual panel size of the panel is 47 3/4" x 95 3/4" (1.213m x 2.438m).

Alternative method to installing Plyboo Reveal or Linear Panels. The Plyboo panel is very sturdy and has great screw hold characteristics. If or when appropriate the panel can be face screwed directly to a supporting substrate using a micro head, counter sunk screw. Some people have found the GRK brand to work well and this brand offers matching colors as well. The advantages of this method are the ease and cost benefits. The drawback is the small holes left in the face of the panel. For aesthetic reasons the placement of these fasteners should be considered.

If you have further questions on installing Plyboo Reveal or Linear panels, please feel free to contact us at 866-835-9859

Best Regards,  
Smith & Fong Plyboo®  
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