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## General Guidelines for installation of PlybooSound® and LinearSound® Acoustical 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 or 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.

With an 1/8”(3.2mm) drill bit, drill into the back of the panel to a depth of approx. ¼”(6.35mm) taking care not to drill through the face. Using an #8-½”(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. Note also due to the different styles in the PlybooSound and LinearSound Collections, the placement of mounting clips to the back of the panel may need to be adjusted. For further questions on this product and installation please contact the number listed below.

#### **QuietWall® (for sound abatement specifications)**

For projects with a sound abatement specification, QuietWall duct-liner padding can be installed behind the PlybooSound and LinearSound panels to achieve up to a 0.7 rating. This installation requires a 1” space between the panel the wall surface. A Monarch Z-clip with a 1” projection is required and the QuietWall material can be cut to size and spray-mounted in place prior to the installation of the panel. For further questions on this product and installation please contact the number listed below.

For further note the actual Plyboo panel size is 3/4/19mm x 47 ¾/1.213m x95 ¾/2.432m.

Alternative method to installing PlybooSound or LinearSound Panels. The Plyboo panel is built 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.

For further questions regarding the installation of PlybooSound or LinearSound acoustic panels, please feel free to contact us at 866-835-9859 or email at [sales@plyboo.com](mailto:sales@plyboo.com)

Best Regards,  
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