

## General Guidelines for installation of Plyboo® Acoustical Panels

Our customers have typically used Z-Clips to install Plyboo panels and we have heard of few installation issues reported while using this system. If site conditions cannot accommodate a Monarch Z-Clips system, others have successfully used a micro screw to penetrate through the panel and attach to a supporting structure. When using this method, for best results care should be taken to pre-drill the face layer and to attach the panel to suitable supports (e.g., studs).

Carefully consider all your installation options because, depending on your particular requirements and limitations, other installation methods and systems may well be better suited. The screw holding power of our Plyboo panel is better than MDF so there are other options for you to consider as well. Because we can only provide the most general installation guidelines, and because the Monarch Z-Clips system can accommodate a cleaner installation and has been reported by our customers to perform in other installations, we describe a typical installation for your consideration.

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 predrilled 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. 1/4" (6.35mm) taking care not to drill through the face. 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. 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 in 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.

Take note that the actual Plyboo panel size is 3/4" / 19mm x 47 3/4" / 1.213m x 95 3/4" / 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 Linear Sound acoustic panels, please feel free to contact us at 1-844-293-6060 or email at [info@bamboodesignarchitecture.ca](mailto:info@bamboodesignarchitecture.ca).