STORAGE AND HANDLING

• Transport materials in original unopened containers/ packages, with labels clearly identifying product name, color/texture, and weight.

• Transport and store horizontally.

• Store materials in clean, dry area.

• Normal woodworking or metal working tools are applicable for sawing/drilling.

• Fiberesin recommends using carbide-tipped saw blade and router bits with reduced cutting speed for best results.

• Panels should be cut using a track saw on a guild rail with a blade designed for cutting aluminum / plastic. Fiberesin recommends the Festool TS 55 REQ Plunge Cut Track Saw and Festool 496307 Aluminum/Plastic saw blade for reference.

OVERVIEW - Figures 1,2,3

• Fiberesin recommends clips from Brooklyn Hardware, (www.panelclip.com). Three types of clips: Panelclip® Classic, Panelclip® SE, and Vclipz®

• When using adhesives to mount Stonewood Interior Panels, Fiberesin recommends working with 3M™ Scotch-Weld™ Structural Adhesives.
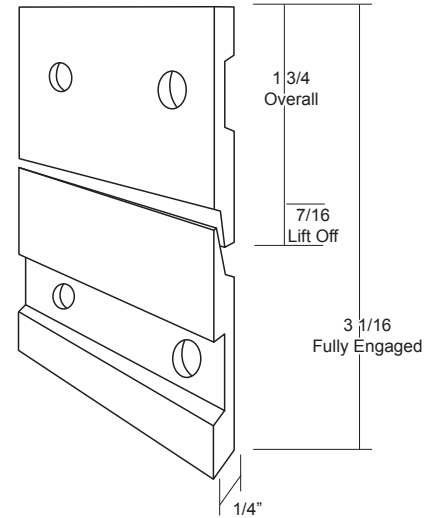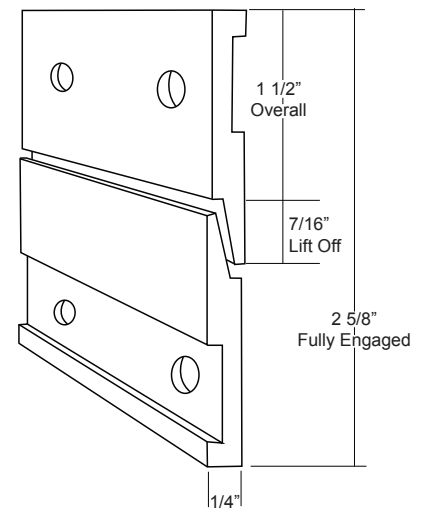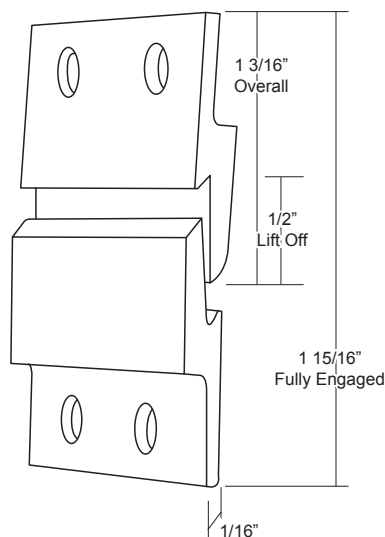

Figure 1 - Panelclip Classic

1 3/4 Overall

7/16 Lift Off

3 1/16 Fully Engaged

1/4"

Figure 2 – Panelclip SE

1 1/2" Overall

7/16" Lift Off

2 5/8" Fully Engaged

1/4"

Figure 3 – Vclipz

1 3/16" Overall

1/2" Lift Off

1 15/16" Fully Engaged

1/16"

INSTALLATION GUIDELINES – Figure 4

A. Clips work in pairs, Top Clip is attached to the panel, and Bottom Clip (also called furring channel) is fastened to the structural wall.

B. Use a continuous Bottom Clip (up to 8' long, also called furring channel) and standard 2-1/2" wide Top Clips for holding the Stonewood panel.

C. Always consult the clip manufacturers installation guidelines for proper fastening of the furring channel to the wall.

D. Use a pan head screw to attach the Top Clip to the back of panel.

E. For thinner boards, two part epoxy adhesive can be used instead. Follow the adhesive instruction for the proper cure time of the epoxy between metal clip and Stonewood. Fiberesin recommends working with 3M™ Scotch-Weld™ Structural Adhesives. Use a minimum of three (3) clips in the 4' direction.

G. Use four (4) lines of Bottom Clip (furring channel) in the 8' direction, for 4'x8' panel.

H. Choose appropriate sized screws (up to #10) based on the panel thickness. Use rust resistant aluminum or stainless steel fasteners. Ensure the screw does not penetrate through the panel and remains concealed.

I. Drill appropriate sized pilot holes for the corresponding screw size/diameter.

J. The outer most screws should be 1-3" away from the panel edges. (Figure 5)

K. Leave ¼" gap between panels to allow hygro-thermal movement.

WORKMANSHIP

A. Fabrication and installation of Stonewood Interior Panels should be performed only by experienced professionals. On-site fabrication is permitted, but shop fabrication is recommended.
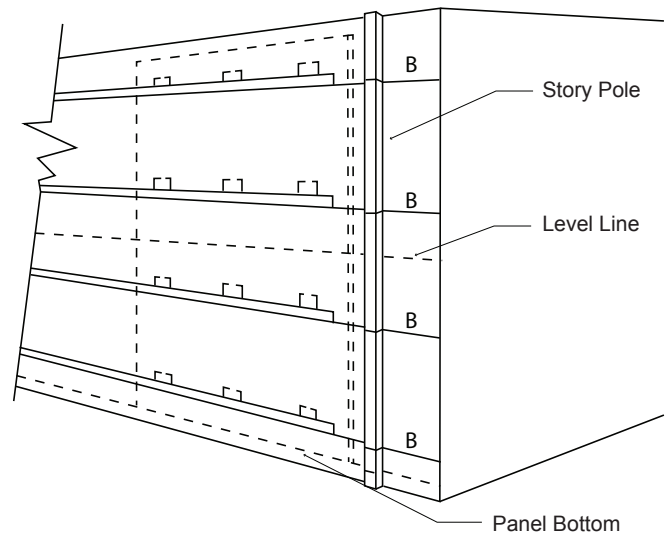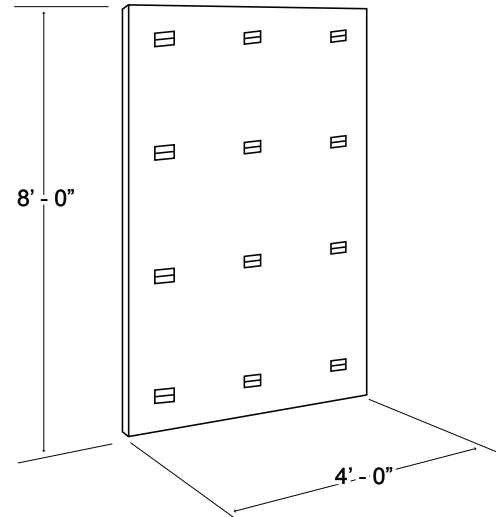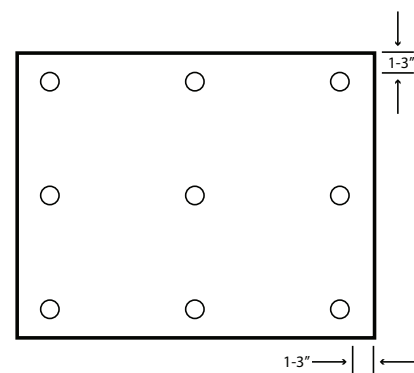
Figure 4 - Schematically shows how the system works for a 4'x8' panel.

Figure 5 - Three supports scenario