



INSTALLATION INSTRUCTIONS—WALL PANELS

IMPALE CLIP (hereafter referred to as E-Z Clip) this method allows for simplified removal of single panels while leaving unaffected any adjoining panels or hardware in the event repair or alteration is necessary. This method allows "flush" installation between panel top and any horizontal intersecting surface. No clearance is necessary.

STEP 1: Wall surfaces to be clean and free of any surface obstructions.

STEP 2: **Field alteration:** If no alteration is necessary go to step 3. Prepare panel for installation. Mark back of panel for field cutting. Carefully cut rock wool from back of panel. Then trim fabric covering surface leaving enough fabric to allow for wrapping of the field cut area, and enough fabric for side and a 2" back overlap. Carefully apply contact adhesive to core and fabric (we recommend 3M Super 77 Spray adhesive), then fold excess fabric around the cutout area edges and wrap to the back of panel.

***** EZ CLIP PLATES WILL NOT PENETRATE THROUGH FABRIC "OVERLAP." POSITION EZ CLIPS AT LEAST SIX INCHES IN FROM ALL EDGES. SEE DIAGRAM FOR CLIP PLACEMENT.**

STEP 3: Determine the location of the fastener (EZ clip) to be applied to the wall surface, **mount the clip where it will be 6" from the side and bottom/top of the panel.** Mount E-Z Clip to the wall with one No. 8 coarse-thread drywall screw that is 1½" long, for some applications (CMU, etc.), 1 nylon wall anchor and 1 screw per clip may be used for positive grip of fasteners to the wall surface. Use four fasteners per 2' x 4' and 4' x 4' small panel, six per 2' x 6' and 4' x 6' panel, and eight per 2' x 8' and 4' x 8' panel. Paneling adhesive (GE 400 sub-floor adhesive) is to be applied to the panel in a continuous ⅜" bead 1½" in from the edge of the panel on the backside, before impaling panel on "Concealed Multiple-Perforation Fastening Devices" (EZ Clips). Panels have been known to stay on walls for years without adhesive, but we suggest this only be done when concealing electrical boxes, etc. Panel adhesive must be applied in gymnasium applications and when the bottom of the panel is below seven feet above finished floor. If adhesive is not used, owner assumes risk of premature release from the wall. For **VINYL-COVERED** panels, adhesive glue **must** be applied as specified above.

STEP 4: Position the panel and press the panel to the wall to secure the panel to fasteners, apply pressure to area where EZ Clips are located (applying pressure to area where there are no clips may damage the face of the panel causing the mat to separate from the core). **PERDUE ACOUSTICS GUARANTEE WILL BECOME VOID IN THIS CASE.**

NOTES: When measuring for field cutouts, be sure to reverse the dimensions, as cuts will be made from back of panel.

When panel removal is necessary, caution should be used to pull panels straight out from the wall, while applying force to as much surface area as possible to avoid bending and breaking the panel. A flat, wide object or tool will assist in pulling the panel safely from the wall.

FURRING STRIP ATTACHMENT:

STEP 1: Purchase 2" x 2" No. 2 grade wood. Cut furring strips 2" shorter than panel and chamfer cut both ends of each strip at opposite 45° angles.

STEP 2: Measure in 6" from edges of panel, mount furring strips two vertically or 3 horizontally leaving 1" space at edges of panel.

STEP 3: Attach E-Z clips to furring strips using No. 8 drywall screw, see diagram.

STEP 4: Place 3/8" bead of glue on ends of furring strips and mount panel applying pressure to area where E-Z Clips are located.

SPECIAL CEILING ATTACHMENT: We have had excellent results using E-Z Clips when attaching acoustical panels to ceilings with the following modifications

***NOTE: See diagrams for installing 1” panels on ceiling**

- STEP 1:** Determine the location of the panel, mount EZ clip to the ceiling with one No. 8 coarse-thread drywall screw that is 1½” long so that the clip does not catch the fabric, 6” from the side and bottom/top of panel. See diagram for panels bigger than 4’ x 2’ x 1”
- STEP 2:** You will need to use 6 clips for a 4’x3’x1” panel, 9 clips for a 4’x4’x1” panel, 13 clips for a 4’x6’x1” panel, and 16 clips for a 4’x8’x1” panel.
- STEP 3:** Paneling adhesive (GE 400 sub-floor adhesive) is to be applied in a ¾" bead 1½" in from the edge of the panel on the backside before impaling panel on "Concealed Multiple-Perforation Fastening Devices" (EZ Clips).

***NOTE: See diagrams for installing 2” panels on ceiling**

- STEP 1:** Determine the location of the panel, pre-drill holes in the ceiling for placement of panels. Sheetrock attachment will require 4½” toggle bolts and 1¼” washer; concrete attachment will require one plastic anchor per E-Z clip per diagram and one 3” screw and 1¼” washer. Wood ceiling mount will not require the plastic anchor.
- STEP 2:** Per diagram, install clips as shown with one No. 8 coarse-thread drywall screw that is 1½” long.
- STEP 3:** Push toggle bolt with washer through panel approximately 6” from the corner as shown.
- STEP 4:** Screw toggle on to the bolt on the backside of the panel.
- STEP 5:** Push the toggle bolts into pre-drilled holes in ceiling.
- STEP 6:** Press panel to impale on clips, making sure it is positioned properly.
- STEP 7:** Tighten the toggle bolts.
- Caution:** **Place the panel where you need it the first time.**

INSTALLATION INSTRUCTIONS—BAFFLES

- STEP 1:** Cut 14 gauge wire in approximately 3’ pieces.
- STEP 2:** Put wire through grommets and wrap back around itself 4-5 times.
- STEP 3:** If baffle is to hang between trusses, only the outside grommets will be necessary. Wrap wire through truss and back around itself 4-5 time.
- STEP 4:** Cut excess off.

ABSORPTIVE CEILING CLOUD/DIFFUSER CEILING CLOUD

- STEP 1:** Screw eyebolts into back of cloud.
- STEP 2:** Determine distance cloud is to hang from ceiling. Cut 14 gauge wire into length needed plus one foot.
- STEP 3:** Put wire through eyebolt and wrap back around itself 4-5 times.
- STEP 4:** Put wire through ceiling structure and wrap back around itself 4-5 times.
- STEP 5:** Cut excess wire off.

CEILING MOUNTED DIFFUSER

- STEP 1:** Purchase 2" x 2" No. 2 grade wood and cut to inside length of Diffuser.
- STEP 2:** Measure inside dimensions of Diffuser and mount furring strips to ceiling accordingly to match measurements.
- STEP 3:** Place diffuser over furring strips and place 2—1" wood screws with plastic screw caps (if desired) through side of Diffuser into wood.

ACOUSTI-CRASH PAD

See diagram with specification under Specialty Products.

Acoustic Panels • Wedge™ Series Diffusers • Baffles • 180° Diffusers • Molded Diffusers • Isolating Drum Booth

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