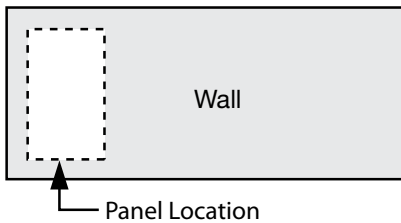


WALL INSTALLATION (IMPALING CLIP MOUNTING)

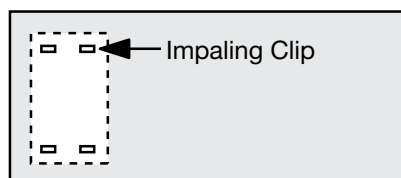
HANDLING:

- Carry panels upright with the width in the vertical position to avoid stress on the panel and possible cracking or breaking.
- Wear disposable white cotton gloves whenever possible to avoid soiling fabric, especially with light color fabrics.
- Clean stains and soiling, including adhesive, as soon as possible to make removal easier.



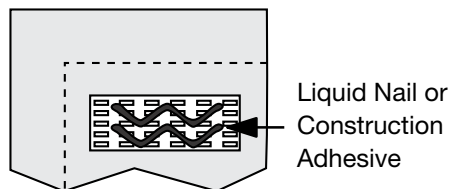
1. **Layout the Acoustic Panel locations along your wall.** Strike a level line at panel bottom with a laser or chalk line. Leveling clips, bottom angle or J-trim is recommended where field conditions and experience demand additional support to be required.

Establish a plumb line for the first panel with a laser or plumb bob. Use this as a reference for the balance of panels to be installed. Check existing wall to assure that it is flat and true. Shim panel attachments as required to provide a flat and plumb panel installation.



2. Install Impaling Clips 3-4" from edges of panels, approximately 2' 0" to 2' 6" on center. Install additional clips in center of panel if wall is out of plumb or panel thickness is greater than 1".

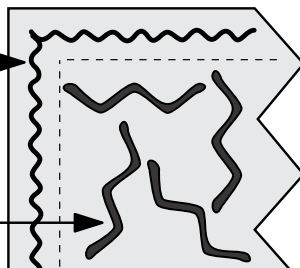
Install impaling clips to the wall with drywall screws (for more secure attachment, apply adhesive behind clip), concrete anchors, or shots and pins for concrete block or pre-cast concrete walls.



3. For more secure installation, apply construction adhesive (such as Liquid Nails or other quality adhesive) liberally to fiberglass and teeth of clips to bind fibers to clips. (Note: clips will hold panel in place while adhesive sets up, generally 8 hours. For faster setup time, consider Liquid Nails Fast Set Paneling adhesive or Henry 420 or 421 modified contact adhesive.)

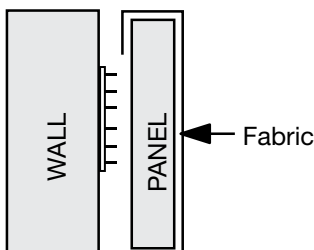
Best to place a small bead of adhesive on fabric and press to wall for permanent installation.

Liquid nail or construction adhesive



4. For more secure installation, apply construction adhesive (such as Liquid Nails or other quality adhesive) liberally to fiberglass and teeth of clips to bind fibers to clips. (Note: clips will hold panel in place while adhesive sets up, generally 8 hours. For faster setup time, consider Liquid Nails Fast Set Paneling adhesive or Henry 420 or 421 modified contact adhesive.)

Note: For 2" thick panels, additional adhesive application is recommended



5. Line up panels to marks and push panels onto clips. For proper adhesive setup, release panel and reapply to allow gases to escape for permanent bond (read application instructions). Do not apply excessive pressure or impact to the panel so as to crush the substrate. Use 6" square (or larger) clean block of wood, or other suitable substrate, to push panels onto clips.

The use of leveling clips, angle, or molding to support bottom of panels is recommended.

6. Clean up with soap warm water if needed.

CEILING INSTALLATION (Z-CLIP ATTACHMENT)

1. Allow for adequate clearance above panels (5/8" min.) to allow clips to clear and seat onto the Z-bar on the ceiling.

2. Determining the number of Z-Clips to use. The distance, either horizontal or vertical, between Z-clips should not exceed 24". Never use less than 6 clips on a panel.

Z-bars must be purchased in 12' sections. Each 12' section will be cut into either (2) 6' pieces or (1) 4' and (1) 8' piece to accommodate shipping requirements.

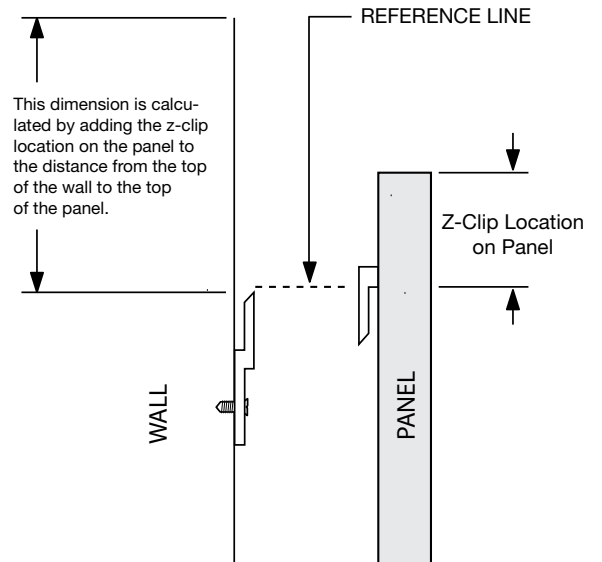
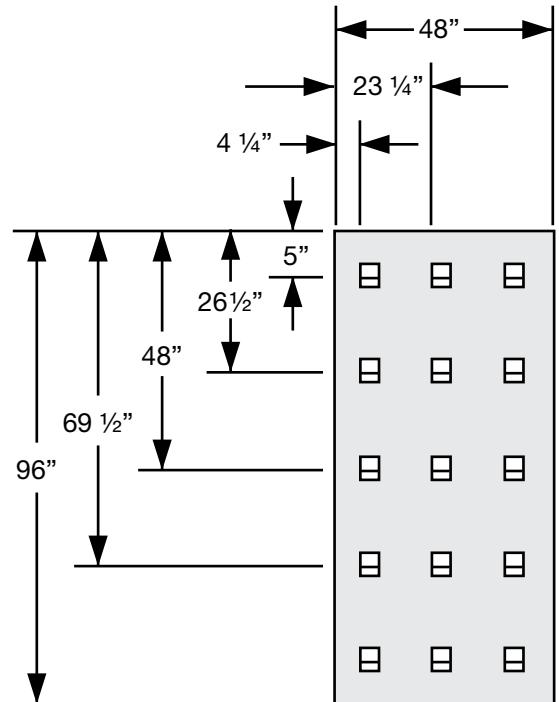
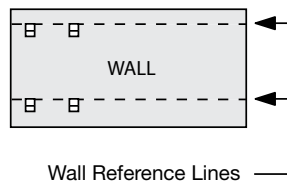
Disclaimer: Adhesive must be used to secure the panels to the ceilings.

3. Measure from clips on panels to determine location of support clips required on wall.

Note: For easier installation, apply chalk, paint, or similar coating on back of panel clips to mark location of clips on wall when placed in proper position.

4. Secure Z-Clips (or Z-Bars) to wall firmly to wall. Clips (or bars) must be perfectly plumb, square, level, and aligned with clips provided on back of panels.

5. The use of leveling clips, angle, or molding to support bottom of panels is recommended.

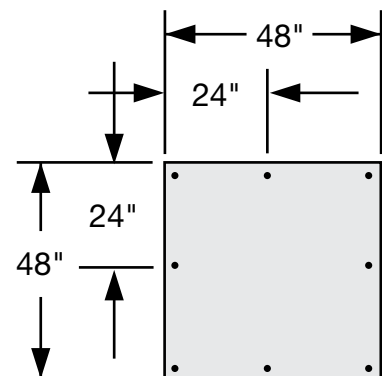


Shoulder Grommets

Determining the number of grommets to use:

The distance, wither horizontal or vertical, between shoulder grommets should not exceed 24".

Disclaimer: In addition an adhesive must be used to secure the panels to the ceilings.



FIELD REPAIRS

A. CUT PANELS TO SIZE (to accommodate job conditions)

1. Peel back fabric beyond point panel needs to be cut.
2. Use hacksaw or drywall saw to cut through hardened edges. Cut through balance of fiberglass with a sharp utility knife, linoleum knife, or stainless steel kitchen knife.
3. Apply strip of plastic laminate or similar molding to cut edge of panel for reinforcement and rewrap fabric around edge and back of panel. Secure with 3M Super 77 or Spray 90 adhesive.
4. Crimp the excess fabric tightly at 45° angle to the corner and cut off the excess fabric with scissors.

B. CUT OUTS (for electrical boxes)

1. Locate the position of the hole on the back of the panel and cut out only the fiberglass. You may wish to use an outlet box as a template by pressing it into the fiberglass.
2. Cut the fabric diagonally across the hole in an "X" pattern.
3. Rewrap the fabric and secure with spray adhesive (see above).
4. Cover with cover plate.
5. Exposed cutouts (no cover plate): Apply a strip of excess fabric to inside corners, then reapply fabric.