Respond Wall Panels

Z-Clip Installation Guidelines

Includes:

- **Z-Clips on Wall Bars**
- **Z-Clips on Double Wall Clips**
- **Wall Bars on Ceilings**
- **Z-Clips with Velcro**

The following are guidelines given in good faith to help avoid common errors. They are not intended to be a step-by-step list of instructions or a checklist, and it is assumed the installer has general construction knowledge. CONWED bears no responsibility for any installation actions taken or not taken, and is not responsible for installer selection.

Inspection

- **Freight Damage**: Inspect cartons for obvious damage before accepting <u>and note on delivery ticket</u>.
- **Concealed Damage**: Notify CONWED of any concealed damage within 5 business days of receipt. Claims beyond 5 days will be honored at the discretion of CONWED or the freight company.
- Do not install panels of unacceptable quality. Contact your area representative immediately. CONWED will not be responsible for installation or removal costs of unacceptable panels.

Handling and Storage

- *Handle* individual panels 'on edge' to avoid bending when moving and carrying.
- *Store* panels on a flat, dry, solid surface. Do not *store* on edge.
- Take necessary measures to keep panels dry, clean and free from dust. Pay special attention to edges.

Planning the Install

1. Review the materials list supplied by CONWED (Plant Order) and any drawings. Carefully determine the starting position of the first panel. Note markings on panel back include item number from packing list, then panel tag number.
2. In many cases, standing the panels against walls in numbered sequence is helpful.
3. Note that a minimum ¾" clearance at the panel top is required for Clip engagement.

Installing Wall Bars or Double Wall Clips

- Measure the Z-Clip locations on the back of the panels and transfer to the wall. Chalking the clips and pressing panels to the wall can help with location.
- For free-floating panels (non-abutting), Double Wall Clips **(be sure to break in half)** are provided to keep panels from moving left or right. Where panels abut, 48" wall bars are supplied, or Double Wall Clips can also span panels as illustrated on page 1.
- Use a laser or snap a line using Z-Clip locations to provide a wall bar locating guide.
- Install Double Wall clips or Wall Bars using appropriate mechanical fasteners for the mounting surface. Cut Wall Bars to desired lengths, and use drops for end of runs.
- Fir out hardware to compensate for uneven walls, assuring proper face alignment.
- Install panel by holding against wall and lowering into place to engage clips. <u>Ensure that all clips are engaged.</u>
- Add a 'dab' of adhesive to mating Z-Clip surfaces to prevent sideways movement.

Z-Clip-to-Panel Field Application

Field modification of panels, or situations with a non-standard Z-Clip placement may require repositioning a Z-Clip.
   1. Measure carefully so the Z-Clip is centered on the resin spot.
   2. With panel lying flat, apply 4" diameter spots where desired, and allow to set up.
   3. Screw the panel clip into the hardened area using #8 screws, being careful not to strip out the screws.

Ceiling Installations

In general, Wall Bar-to-Wall Bar attachment is used for ceiling installations. However keep in mind that the last row of panels needs to be locked in, to prevent the clips from disengaging. **Options** include:

- Install single pieces or continuous runs of standard ceiling grid wall angle along the edge of the panels, or purchase fabric-covered angle from CONWED.
- Install wood trim along the panel edges.
- Install a locking screw (by others) into the ceiling at the outside panel edge. Use a drywall screw into a ceiling joist or a screw-wall anchor combination. This works well in many applications, especially where ceiling panels end at a wall.
- In conjunction with the above, some contractors apply a small dab of construction mastic on the mating Wall Bar surfaces to help prevent disengagement.

Z-Clips with Velcro Attachment

- Plan and execute Z-Clip attachment as outlined above. Normally Z-Clips are on the top row only, with Velcro on the balance of the panel. Note 3/16" panel to wall Z-Clip dimension, versus 1/8" with Velcro. Panels will be slightly slanted.
- Temporarily hang a panel or series of panels and check for correct positioning.
- With panels removed, remove the taped backing on the hook and loop.
- Engage the Z-clips and lightly press the Velcro against the wall, making sure positioning is exact, because the Velcro fastener is designed for one application only. Damage to the wall or the panel may result from removal.