

## General Information

Open the pack list on the crate's exterior. Locate the shop drawings and installation instruction inside the box. Review contents and make sure all parts are present. For a rectangular installation, the pack list will include the number of modules and frame pieces. For odd-shaped installations, a drawing will be supplied identifying the module layout in numbered sequence.

If you discover that material is missing or defective, contact our customer service department immediately:  
**800.233.8493**

## Important Notes - Do Not Overlook

Prior to installation, ensure that the material is stored indoors and has acclimated to the environment's temperature for 24 hours.

Assess the site condition prior to installation ensuring the recess is:

- Free of debris and moisture
- The correct depth throughout
- Smooth and flat

High spots should be ground down. Low spots should be filled with a self-leveling grout. The side walls of the recess should also be checked for plumb and defects as this could affect the frame installation (if applicable). If these conditions have been met, you can begin the installation.

## Prior to Final Installation

- Dry fit all materials to ensure proper module spacing and overall grid fit.
- Refer to the shop drawings for any required special/custom details or modifications.

## Tools Required

You will need a level, rubber hammer, a 5/32" bit, 1/8" bit, 3/8" bit, 1/8" Allen wrench, flathead screwdriver, #2 Phillips-head screwdriver, tape measure, carpenter's pencil or marker, shop vacuum, PPE (gloves, glasses, ear protection, etc.), a caulk gun and a trowel.

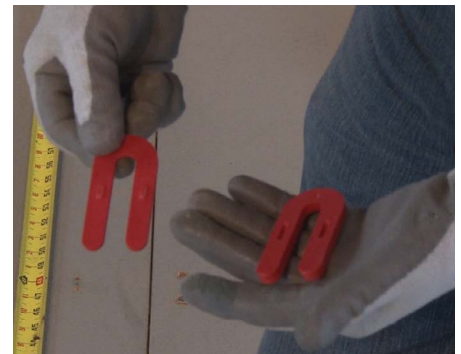
## Installation Instructions



**1** Begin dry-fitting all frame pieces into the recess.



**2** Each frame has welded tabs with holes for mounting.



**3** It may be necessary to use shims to set the frame flush with the finished floor.

## Installation Instructions (continued)



**4** Use a 5/32" masonry bit to drill into the substrate at each welded tab hole for the anchor.



**5** Screw the supplied masonry anchors into the pre-drilled holes to attach the frame.



**6** To make the sub-floor level with the bottom frame leg, use non-shrink grout and trowel flush with the top of the bottom leg of the level base frame.



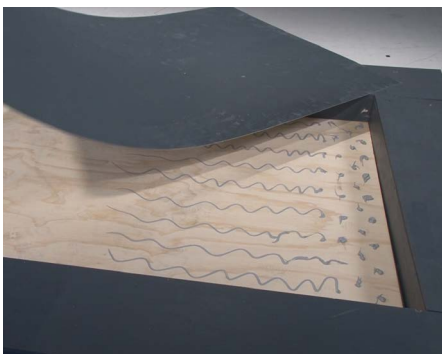
**7** The recess should be smooth and flat when complete.



**8** Use a rag to clean the excess grouting from the top of the frame leg. **Allow 24 hours for the grout to dry** before continuing with the installation.



**9** Proceed to the drain pan installation. Use a caulk gun to apply adhesive on top of the newly grouted area.



**10** Place the pre-sized drain pan sheet(s) into the recess. Apply pressure evenly over the drain pan material to properly bond into the recess inside of the perimeter frame legs.

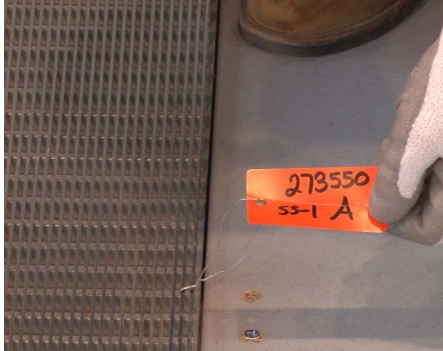


**11** Use silicone caulking to caulk the recess' perimeter seams and any seam where multiple pan sheets abut.



**12** Dry fit all grid modules into the area per the supplied shop drawings.

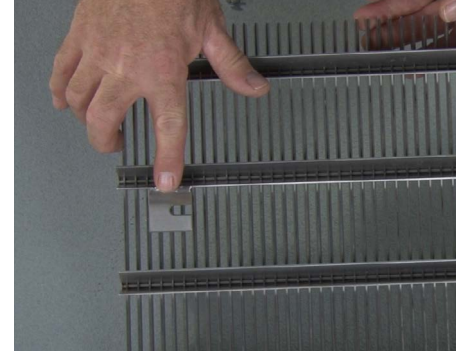
## Installation Instructions (continued)



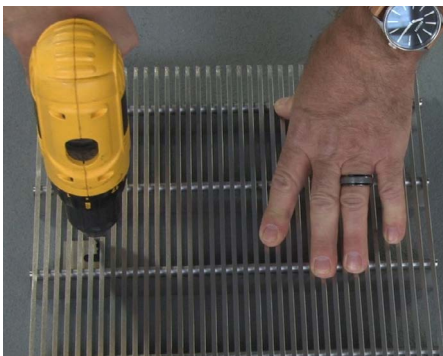
**13** Each module is tagged identify a specific location per the drawing.



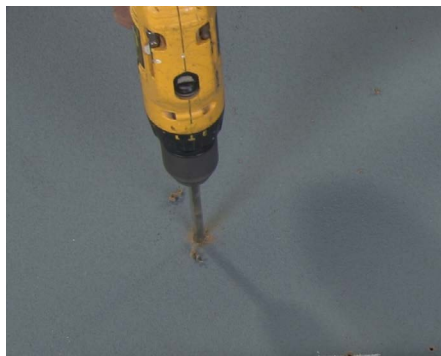
**14** Adjust each module to ensure consistent spacing and alignment.



**15** GridLine 2 has a welded tab for mounting.



**16** To begin locking down the grid, make sure the grid modules are aligned and transfer the mark for the anchor to the substrate using a 1/8" drill bit. Repeat for each lockdown.



**17** With a masonry bit, drill a 3/8" hole, 5/8" deep.



**18** The lead shield and setting tool are shown here. Note: the shield's cone installs into the hole first.



**19** Insert the lead shield with the cone portion going into the hole first.



**20** Use the setting tool to lock the shield.



**21** Mount the screw into the welded tab. Use electrical tape to hold the screw in place. Repeat for each lockdown.



## Installation Instructions (continued)



**22** Flip the grid over and align all screws into the lead shields.



**23** Beginning at the tabs in the center of the grid module, use a hex key/Allen wrench to fasten the screws into the lead shields. Continue by working your way towards the grid module edges, fastening all screws to the recess.



**24** Repeat each step for all remaining modules.



**25** Care & Maintenance: Once the installation is complete, use denatured alcohol and a mop to clean the grid surface. If building construction is to continue, protect the grid with plywood sheathing.