

## 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.

## Tools Required

You will need a level, rubber mallet, 5/16" masonry drill bit, flathead screwdriver, #2 Phillips-head screwdriver, tape measure, carpenter's pencil or marker, utility knife, shop vacuum, PPE (gloves, glasses, ear protection, etc.) and a trowel.

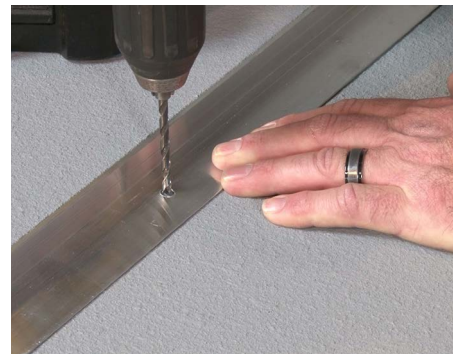
## Installation Instructions



**1** Start by dry fitting all frame pieces within the area and use a tape measure to ensure a proper fit. For odd-shaped layouts, match frame tags to the drawing on the pack list.



**2** Using a straight edge, ensure the top frame edge is flush with the surrounding floor surface. Shim frame every 24" if necessary to achieve required height.



**3** Using the 5/16" masonry bit, drill into the concrete 24" on center. Fasten the frame with the supplied masonry anchors using a #2 Phillips-head screwdriver.

## Installation Instructions (continued)



**4** 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.



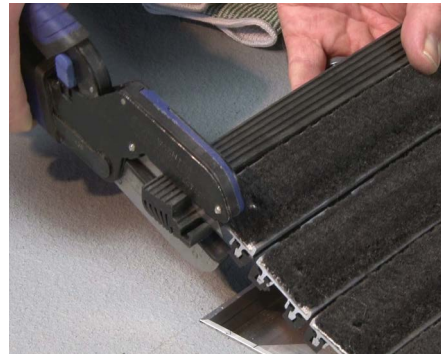
**5** The recess should be smooth and flat when complete.



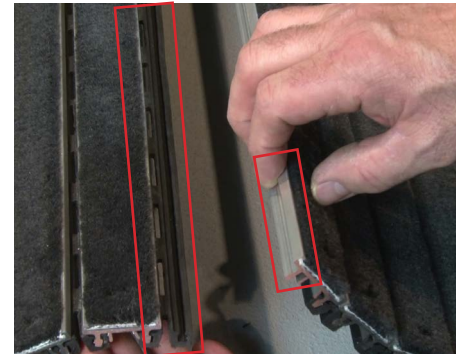
**6** Use a rag to clean the excess grouting from the top of the frame leg. **Allow 24 hours for the grout to dry** before continuing with the installation.



**7** Grid modules are tagged alphabetically in order of placement. Install into the recess accordingly. For odd-shaped layouts, refer to the supplied shop drawings.



**8** The end trim is shipped oversized to allow for contraction. Cut the end trim flush to the adjacent rail using a utility knife.



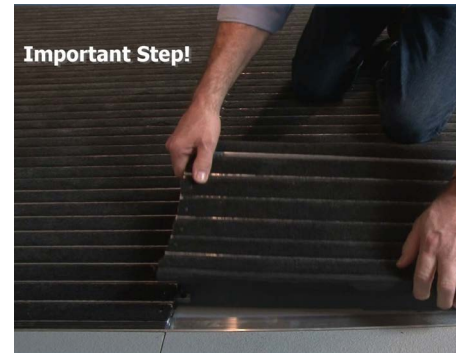
**9** To attach grid modules together, place the foot of the aluminum rail of one module into the rubber connector of the adjacent module.



**10** Lightly tap across the connection with a rubber mallet to ensure the feet are seated in the connectors. Repeat this step for all remaining modules.



**11** If it appears that the overall grid section is too short, it may be necessary to stretch the section by rolling the mat back on itself.



**Important Step!**

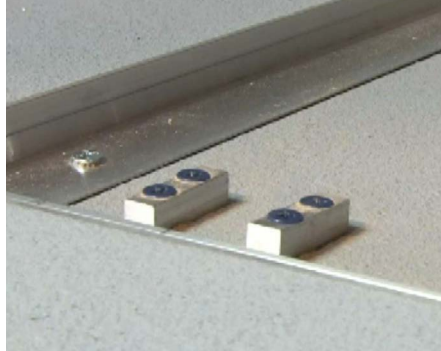
**12** If the section is too long, it may be necessary to tuck the module into the frame to contract the rails.



## Installation Instructions (continued)



**13** For proper fit, the end trim can be cut in any of the grooves that are spaced 1/8" apart using a sharp utility knife. Score several times to cut completely through the material.



**14** Now that you've achieved the proper overall fit, you're ready to install the supplied locator bars. Locator bars will be located at each corner of the overall grid unit and along any module split.



**15** Mark the center point location of the first two rails onto the frame using a carpenter's pencil.



**16** Measure and record the mark's dimensions.



**17** Roll back the mat. Using the recorded dimensions, mark the locations on the concrete, off-set from the frame.



**18** Using 5/16" masonry drill bit, drill out both holes for the locator bar anchors to center the supplied locator bars on the lines marked on the floor.



**19** Fasten the locator bar to the floor using the supplied masonry anchors.



**20** At any module split, locator bars will also have to be installed along the joint, 36" on center. The locator bar will be encompassed by both panels.



**21** Roll the mat forward so that rails fit snug over locator bars to achieve dimensional fit of the unit.

## Installation Instructions (continued)



**22** Repeat steps 15 - 21 in all remaining corner of the overall unit.



**23** Clean the unit with a vacuum. If construction is to continue in the building, protect the unit with plywood sheathing.



**24 Care & Maintenance:** to properly clean underneath the grid and avoid rail damage, roll back the grid edge to the 12th rail. Continue to roll back the grid holding that diameter.