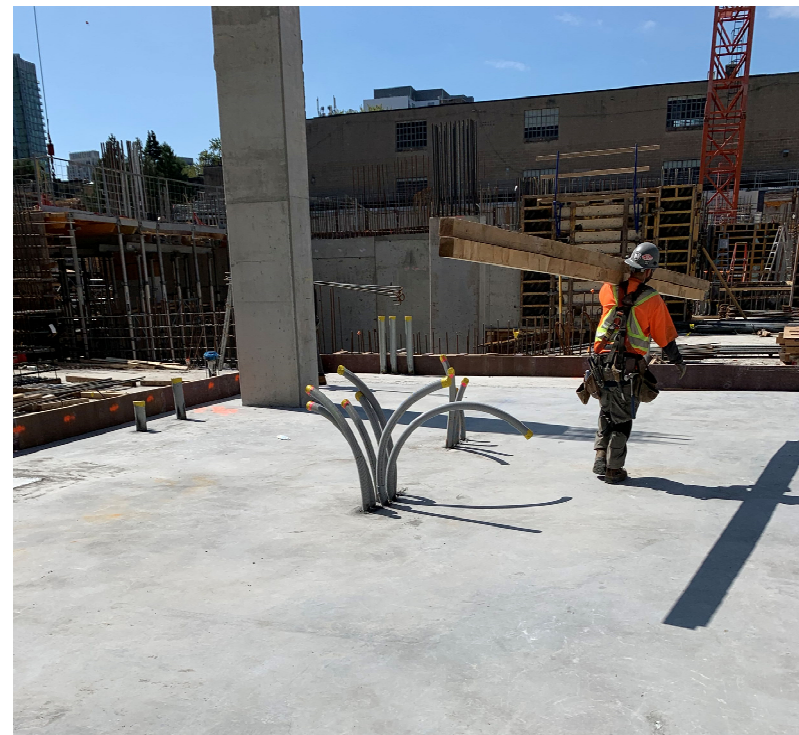


A short horizontal bar with a grey left half and a yellow right half.

GenieMat® FF70 System Installation Manual

Floor Preparation

- Ensure floor levelness is in tolerance based on related codes and standards.
- Floor must be dry, clean and free of debris.
- Perimeter curb or walls must be in place.
- If required, the water proofing should be applied prior to beginning the install.
- All conduits and all pipe sleeves must be in place and raised 4" higher than floating floor finish height.
- Groupings of multiple conduits an/or sleeves should be boxed by the forming contractor prior to beginning the install.
- Ensure 2-part acoustically isolated drain will be supplied by the mechanical contractor and is ready to install after the floating floor install (if drains are required).
- Location of large/heavy equipment must be clearly marked.



Installation Procedure

Step 1 - GenieMat® PMI (Perimeter Isolation)

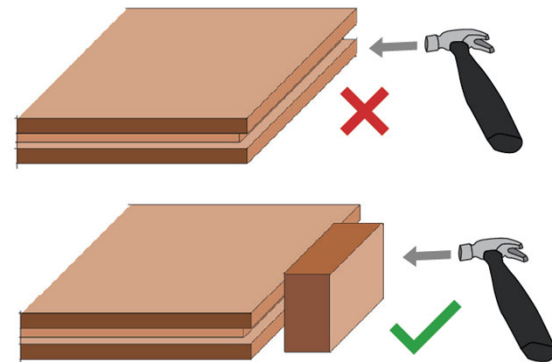
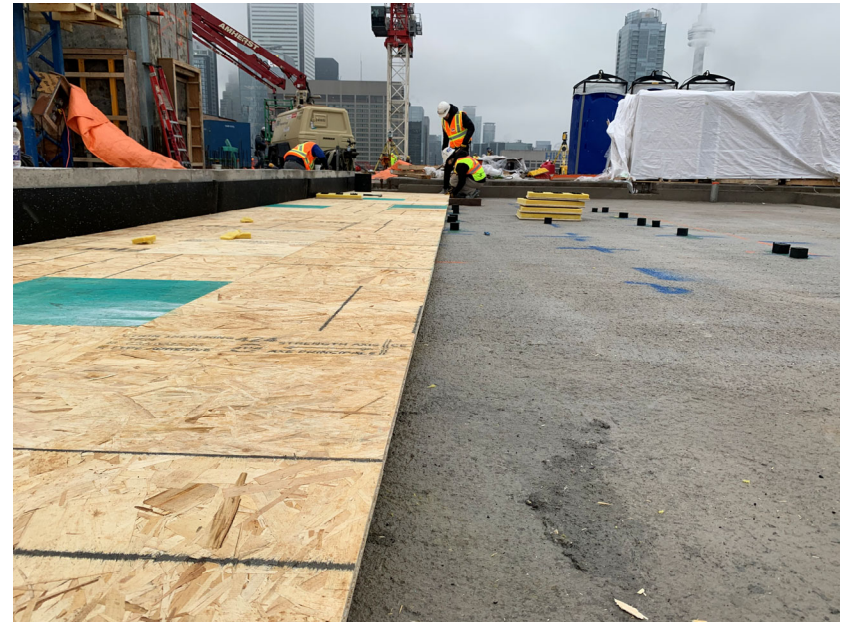
- Review the shop drawings to determine the floating floor height and perimeter curb size.
- Start installing the GenieMat® PMI by taping to the perimeter curb or wall.
- Stack the GenieMat® PMI (if necessary) and tape the joint to reach the required height (GenieMat® PMI must be installed 1" higher than total floating floor and perimeter curb height).
- Wrap all conduits, sleeves, pipes or penetrations that could create a rigid connection with the structure.



Installation Procedure

Step 2 - GenieMat FF70

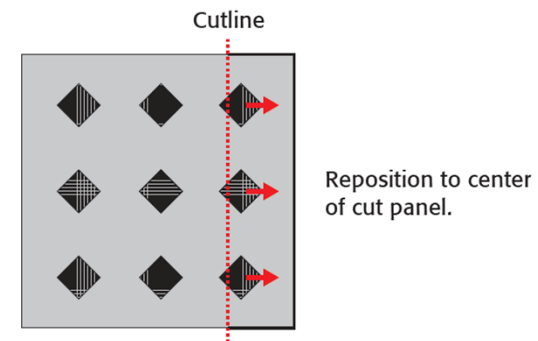
- Ensure the equipment location is marked on the floor
- If required, place additional GenieMat® isolators on the floor based on equipment location and approved shop drawings
- Begin laying the GenieMat® FF70 panels from one corner
- Use rubber mallet and wood blocking to fit the GenieMat® FF70 panels together. This will ensure that the tongue and groove interlocking mechanism remains intact
- Ensure the GenieMat® FF70 panels will be installed in one straight line for the first run (Use chalk line to keep a straight line for the first run)



Installation Procedure

Step 2 - GenieMat FF70

- If required, add additional GenieMat® isolators as shown in the approved shop drawings by cutting out the insulation and inserting the isolator in its place.
- Staple the seams of the GenieMat® FF70 panels as the installation progresses to prevent any movement and/or misalignment during the install. Limit traffic on top of installed GenieMat® FF70 panels.
- Measure the gap before installing the last piece. If it is larger than 6", cut a panel to size and move the pads (if required). Cut the tongue edge and install the panel to fill the gap between the previous panel and the perimeter isolation strip.



Installation Procedure

Step 2 - GenieMat FF70

- If the gap is less than 6", cut back the previous panel to the middle of last row of the pads and then cut a new panel to fill the gap.
- Measure and mark the drains locations on the related panel before installing it to prevent any issue later
- Continue installing the panels to cover the whole area
- Cut the drain location to the size and make it ready for mechanical contractor to install the drain
- Ensure all panels are stapled together before going to next step



Installation Procedure

Step 3 - 6mil Poly

- Roll down the poly at one corner and cover the entire floor.
- Staple the poly to the GenieMat® FF70 panels to secure it in place
- Overlap the seams 4" to 6".
- Tape all joints and seams. If installation is indoors, red Tuck Tape is recommended. Blue Tuck Tape is recommended for outdoor installs.
- Use a 2~3 ft wide poly to cover the GenieMat® PMI. Ensure that the poly overlaps the top of the GenieMat® PMI.
- To prevent tearing up the poly at staple joints in high winds, use a 4"x4" piece of plywood to fasten the poly to the panels.
- Ensure all the conduits, sleeves etc. are covered with poly
- Cut the poly at the drain area to install the drain in place after



Final Review and Rebar Installation

- Before laying down the rebar, review the approved drawings to ensure installation is done correctly
- Lay rebar after installing contractor has approved the installation..
- If the installation is outside, cover the floor with a tarp to protect the material.



Required tools for install:

- Measuring tape
- 1" heavy duty Knife and blades
- Chalk line
- Rubber mallet
- Hammer
- Circular saw and blades
- Reciprocating saw and blades
- Heavy duty staple
- Drill with hole saw bits(1" to 12")
- Sawhorse
- Min. 100ft heavy duty extension cord with multiple outlet
- Tool battery charger
- Tuck tape
- Garbage bag
- Broom

