

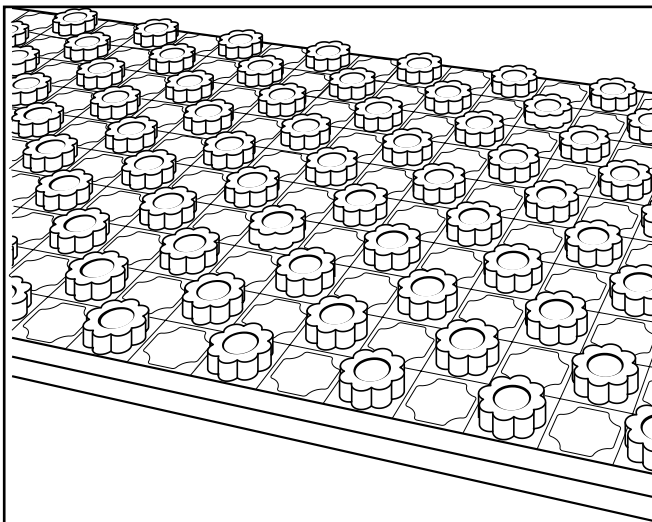
Product Instructions



Viega Rapid Grid

Rapid Grid is an insulated, high impact polystyrene product. When properly installed RapidGrid provides the following features:

- Insulation layer as well as providing a vapor barrier
- R-value = 10
- ViegaPEX and ViegaPEX Barrier in sizes of 3/8", 1/2" and 5/8"
- FostaPEX in 1/2"
- Spacing 6", 9", 12" etc. on 3" intervals
- Package size: 8 panels per bag (64 sq.ft)



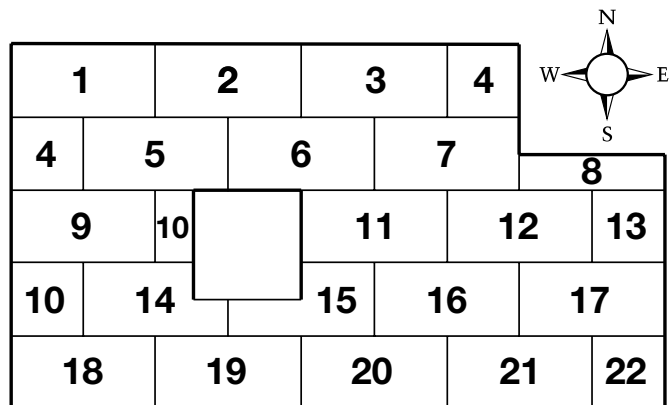
Estimating materials

- Find the area of the room (L x W)
- Since each panel is 8 square feet, divide the area by 8
- Panels are sold 8 in a package, so divide by 8 again

Length of room	Width of room	Total area	Square feet per panel	Number of panels needed	Number of packages needed
40 feet	30 feet	1200	8	150	18.75 = 19

Installation of the Rapid Grid panel

1. Using a box cutter or key hole saw remove the tongue portion of the interlock from both the 4' and 2' dimensions; every time a panel touches a concrete wall the tongue should be removed so that a full 2" of insulation is in contact with the concrete.
2. Place a full panel in the upper left corner of the North wall; it is usually easiest to work from left to right
3. Place the next panel to the right of the first panel so that it locks into the groove; the 4' dimension should be at the bottom (horizontally) and the 2' to the right (vertically)
4. Move along the first row, filling in the panels and interlocking them together
5. Upon reaching the east wall, measure and cut the final panel to fill that row.
6. When starting the next row, begin by installing the remnants of the final panel from the previous row; this is done to eliminate waste as well as to keep the seams from lining up. If there are no remains from the previous row, a panel can be cut in half to start the next row.
7. Continue filling the rows in this manner until the floor is covered with panel.



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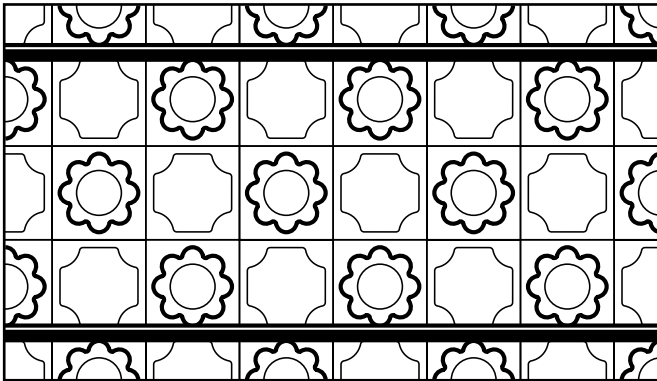
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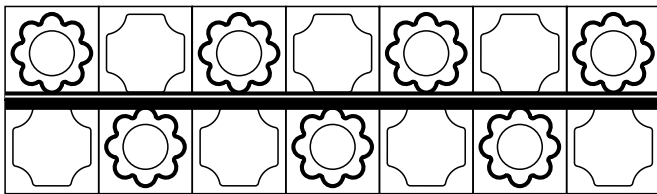
Installing the tubing in the panel

Review your radiant design to find the proper spacing for the tubing. To ensure that the runs are properly spaced, simply count the number of knobs and flats in between the tubing and multiply by 3. From the picture below you can tell the spacing would be 9".

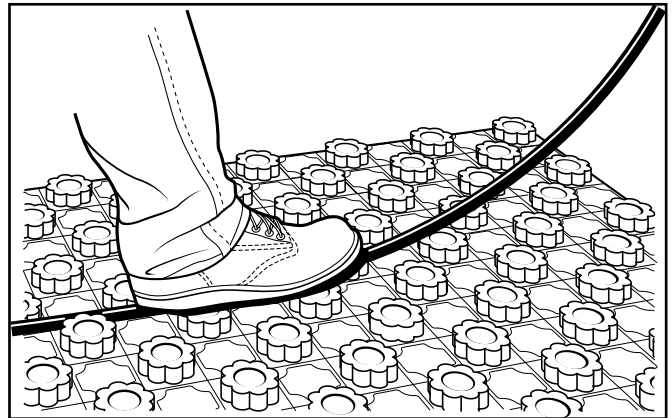


The minimum spacing should be 6" on center and increase incrementally by 3" (6,9,12 ...)

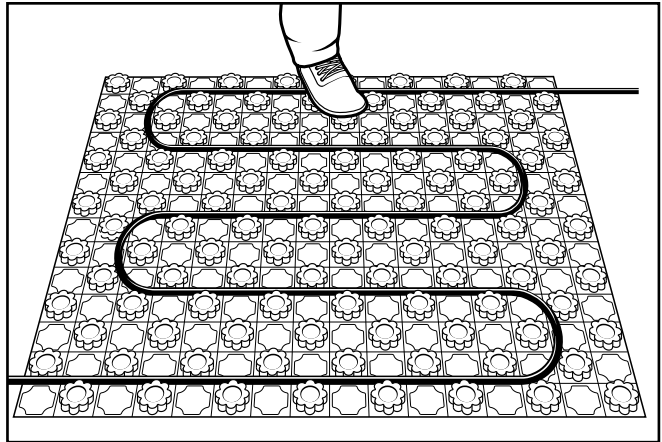
1. Place the tubing between the knobs.



2. Using your hand or foot, push the tubing in between knobs.



3. Make sure the tubing is fully inserted in the panel as you make a corner. TIP: When you make a turn, ensure the PEX is fully seated in the outside radius of the PEX on the knobs before beginning or continuing a run.



4. Continue installing the tubing until the entire area has been completed.
5. The tubing should start and end at the manifold location

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