



12 Important Installation Highlights

1. Review the Warmboard supplied Auto Cad drawings. Check and confirm floor plan dimensions, joist, or TJI layout. Note the joist (TJI) direction and location of the pull are correct.
2. Most Warmboard designs require the tubing to be installed before the walls. We recommend installing the Warmboard panels, then immediately installing the tubing. Continue with framing the walls, and complete by covering the panels and tubing with masonite or plywood. This panel protection should be installed in the high traffic areas only. Remove the protection when the finish floors are ready to be installed.
3. When installing panels, gap 1/8" on the 4' butt side. This gapping is not necessary on the tongue and groove side of the panel.
4. Use the Warmboard provided alignment pins when installing panels (see page 6).
5. Use Pex Aluminum Pex tubing only. Use nail plates to hold down tubing on turn panels and remove them before the installation of finish floors (see our approved tubing list on page 3).
6. Do not exceed a 300 foot tubing length when a field revision is required.
7. Custom routes require a 1 1/2 horsepower router minimum. A Porter Cable router will interface with the Warmboard provided template guides. Do not attempt a custom route without the proper template guide attached to the router. (see page 7)
8. Our Warmboard system (and the entire radiant industry) requires the surface temperature of the finish floors not to exceed 85° (see pages 27 and 28).
9. Try to avoid exposing the panels to rain or snow, otherwise "edge swelling" may occur. If "edge swelling" does occur, the panels will return close to their original dimensions once the increased moisture content subsides.
10. When Warmboard is being installed over joists, a minimum of R19 insulation is required underneath the panels to prevent downward heat loss.
11. Review the installation manual before installing finish floors. (See pages 10-23)
12. Call Warmboard at (877) 338-5493