

# INSTALLATION GUIDE

## System Design

System design should take into account your floor plan, building heat load, flooring materials, and temperature zones. System elements such as the heat source, domestic hot water, manifolds and controls must also be considered. The FloorHeat™ Company will help with this design and provide complete installation instructions.

## Tools Required

Circular saw or saber saw (blades for cement fiber board), tape measure, utility knife.

## Safety

Gloves and safety glasses must be worn to protect against sharp edges and flying pieces of metal or plastic. Use a dust mask when cutting backer-board.

## EasyFloor System Components



## Included with Standard EasyFloor:

Thermal reflecting foil, premium 1/2" PexAlPex tubing, aluminum heat plates, and EasyFloor grid modules (16"x16"x1"). Commercially available cement backer board (not provided) is usually used as a thermal mass.

1

## Thermal Reflecting Foil

Make sure the floor is clean, dry and level. Lay down the reflective foil, foil side up. Do not overrun the edges. Trim as needed. Lightly staple to hold in place.



2

## Tubing Base Modules

Starting in the back corner of the room, snap together the EasyFloor grids and lay them over the thermal reflective foil. Cut each grid as needed to provide a tight, wall-to-wall-fit.



3

## Heat Plates

Install heat plates into the grid modules as shown leaving approximately 4" between plates (2" in rows next to outer walls).

