

# EASYFLOOR™

## Construction Considerations

EasyFloor—with typical cement fiber board thermal mass—weighs less than 5 lbs./sq. ft. and requires 1-1/2" height. Joist reinforcement is usually not required. The additional height is accommodated by adding a second 2" x 4" to sill plates. Toilets should be set on the grid and backer board with a soil pipe riser. Heavy objects (tubs and kitchen cabinets) may be placed on stages constructed with 2" x 4" frames.

## Finished Floor Tips

Floor covering selection should be part of your radiant system design. Most floor covering products have published R-factors which will determine their suitability for use over EasyFloor. Usually, the *lower* the R-factor, the more heat will be radiated into the room.

### Ceramic tile

Screw 1/2" backer board to sub-floor. Then, tape seams and apply thinset to the backer board.

### Vinyl flooring

Install a thin wood underlay material on top of the backer board to prevent the seams from showing through to the vinyl.

### Carpet

Lay down a course of 2" x 4"s around the perimeter of the room to act as a carpet tack strip nailer rail. Lay the EasyFloor grid across the floor inside the carpet nailer rail. Select a carpet with moderate pile thickness—avoid long-pile and tight-pile carpets. Select carpet pads made from relatively thin, flat cellular sponge rubber or synthetic fibers (avoid fiber/hair/jute and waffle rubber pads). Carpet and pad should not exceed an R factor of 3.5.

### Hardwood

Engineered hardwood, 3/8" quarter-sawn natural hardwood, or laminates work best, but other woods certainly will work. Laminates can be floated on the backer board by first taping the joints. Engineered floors can be glued directly to the backer board. Natural hardwood materials can be glued and/or nailed (3/4" brads) to the backer board or to a layer of 1/4" wood underlayment that is first glued to the backer board.

## Finished Floors can be:

*Tile, Stone, Vinyl, Carpet or Approved Radiant Floor Hardwood*



Tile



Carpet



Wood