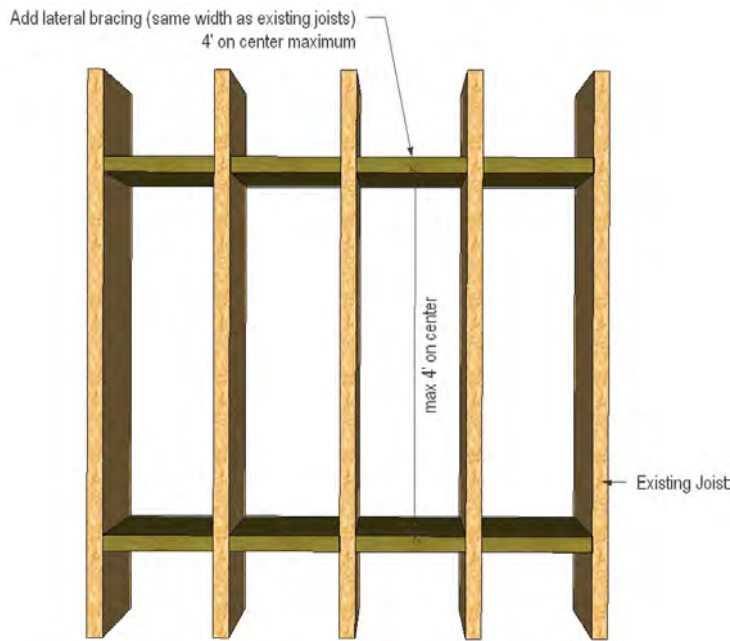


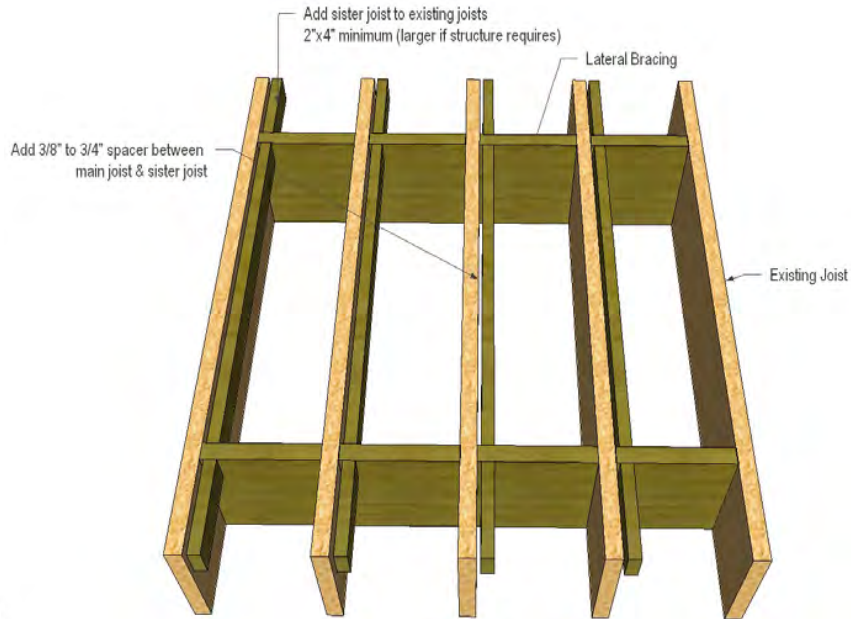
DekTek Tile Sister Joist Installation Guide

The New Generation of Decking

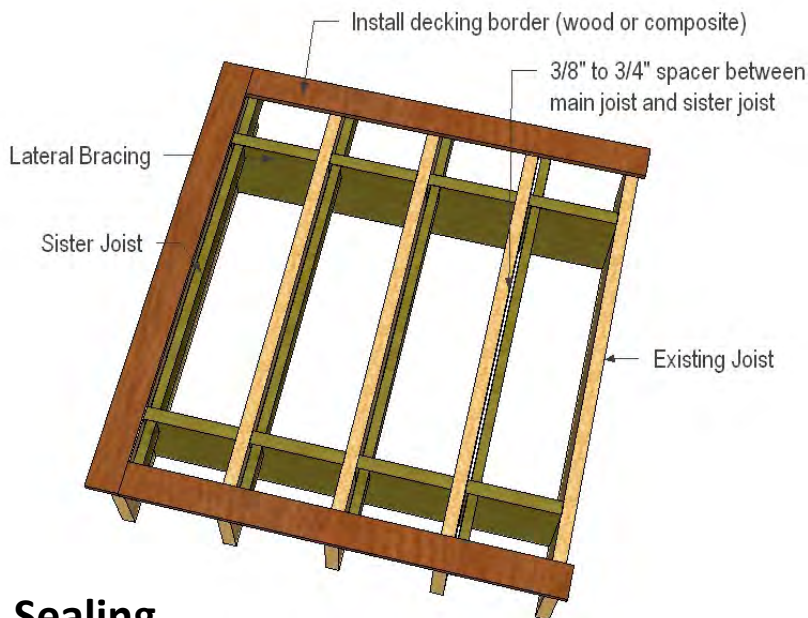
1. Frame joists 16" o.c. Add lateral blocking, same width as existing joists, with maximum of 4' on center.



2. Add a sister joist to each existing joist, put 1/4" to 3/4" spacer between sister joist & main joist for water drainage. If joists are capable of handling 10-1/2 pounds per square foot dead load then a 2" x 4" sister joist is sufficient. If additional joist capacity is needed then you might have to add a 2" x 6", 2" x 8", or 2" x 10", etc., in lieu of a 2" x 4". Your local lumber yard can usually calculate this for you. Make sure you also calculate the load for the beams.



3. Install edge trims. Borders must be mechanically fastened at the outside edges.



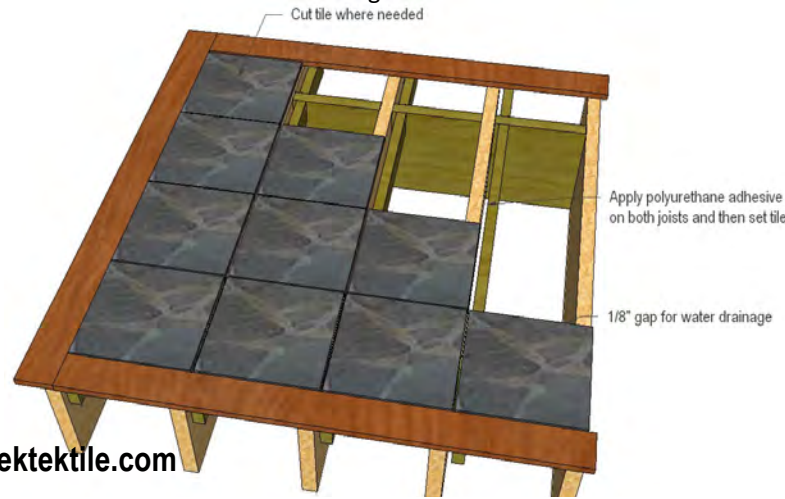
Tile Setting

Tile setting skills are recommended.

Equipment Needed:

- ◆ Tape Measure
- ◆ Caulk Gun
- ◆ Plastic Shims
- ◆ 10" Wet Diamond Saw
- ◆ Chalk Line

1. Layout the tile grid plan for overall positioning. Tile must have a minimum of 1" bearing on joist. Cut tile to fit, where needed.**
2. Set tile using a high quality exterior polyurethane adhesive applied directly to wood joists. We recommend Liquid Nails Marble & Granite adhesive. It has a high temperature range of -20°F to 300°F and has a longer open time for adjusting tiles after they are set.
3. Set tiles with 1/16" gap (approximately) between tiles which will allow water to drain through.



Sealing

DekTek Tiles should be sealed with a high quality solvent-based concrete sealer on top and all sides before installing. Be careful not to apply sealer to the bottom of tile, this can break the bond of the adhesive. See the DekTek Tile Sealer brochure for more information.

**** All tiles cut to 10" or less must have additional framing underneath the cut tile for added support ****

**** DekTek Tiles run close to a full 16" o.c., decks that span longer distances may need to be framed 16-1/16" o.c. ****

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