ThermoFin U Section

Over wooden sub-floor

3/4" A/C Plywood Sleeper Type

3/4" Sub-Floor Type

Floor Joint 16" O.C. T/F

1/4" Diameter Bead of Sub-Floor and Back Construction Adhesive Applied in a Zig-Zag Pattern Between U-Fins

K-2 Fiberglass Insulation

ThermoFin U

3/4" Roofing Nail
Fastened Through U-Fins into Sub-Floor
6 per 8' length.

"8 x 11/2" Screw GRK Fastener P4
Fastened Through Sleeper and U-Fins into Sub-Floor
4 per 8' length min.

6d 12" Ring Shank Nail
Fastened Through Sleeper and U-Fins into Sub-Floor
4 per 8' length min.

NOTES:
1. Snap square lines on sub-floor for reference.
2. Lay cut return bands according to designed layout.
3. Insulate and Thermofin U per design layout.
4. Apply Sub-Floor Adhesive and install plywood sleepers between each run of Thermofin.
5. Fasten sleepers to sub-floor with screws (preferred) or ring shank nails.
6. Pre-soak test tubing with air to 50 psi.
7. Fill all return bands and voids with a portland cement based construction grout to keep tubing in place. Use a rubber grommet over Thermofin between sleepers and return bands.
8. In carpeted areas apply same grout over Thermofin between sleepers to avoid adding a layer of underlayment.