

Warmboard-S specification sheet

Specification data for Warmboard-S, our structural subfloor and radiant panel in one.

Warmboard-S panels shall be 4' x 8' plywood, tongue and groove, with a thickness of 1¹/₈". Panels shall have 5/8" depth channels, consisting of straight and turn patterns. Such channels on 12" centers will interface with 1/2" PEX Aluminum PEX tubing. There shall be four limber slots per panel, two cut on the bottom of each 4' end, 12" from the outside. Each slot shall be 5³/₈" x 3/8".

The entire top skin (4' x 8') of plywood shall have a highly conductive continuous sheet of 1060 series aluminum alloy, bonded to the surface. This continuous sheet of aluminum shall completely contour in all channel depths, both turns and straight runs.

Panels shall be in one of the following tubing configurations:

- ▶ Right turn panel
- ▶ Left turn panel
- ▶ Straight panel
- ▶ Double panel

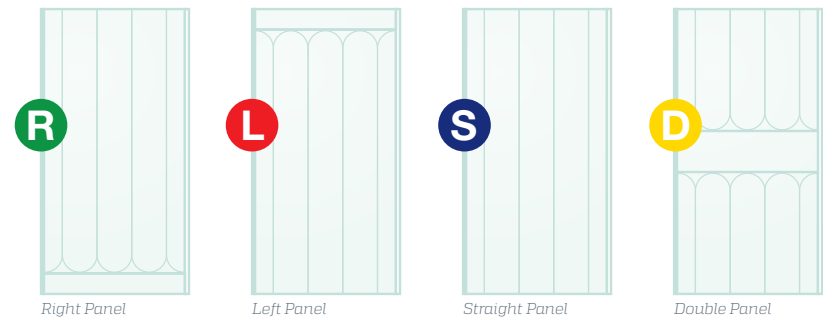
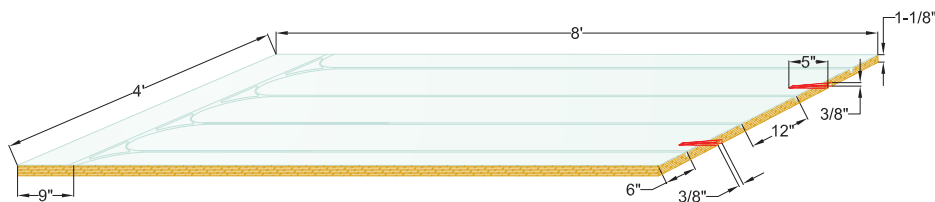
All panels installed shall meet or exceed all specifications documented on Warmboard engineered AutoCAD drawings and installation manual.

Supplied panels will meet or exceed APA certification and report #T2002Q-37.

Supplied panels will meet or exceed ICC Evaluation ESR #1421.

Panel assembly shall be of the following:

- ▶ Warmboard-S (structural subfloor) installed over existing Joist or TJI
- ▶ Warmboard-S installed over existing concrete slab
- ▶ Warmboard-S installed over existing concrete slab with sleepers
- ▶ Warmboard-S installed over structural plywood decking or OSB



Right Panel

Left Panel

Straight Panel

Double Panel