

Step by Step Guide to Laying Staples for Screeded Floors

Installation Steps

Step 1

Place edge expansion foam round room perimeter, starting halfway along a straight section. As you do this, peel off backing paper from adhesive on underside of foam strip.

NOTE: Do NOT remove scored backing from top edge yet.

When complete perimeter covered, make square cut, ensuring strip end overlaps the starting point. Trim overlap.



Step 2

Lay insulation panels, using bonded arrangement to create staggered joints.

NOTE: These panels are to be independently sourced – NOT supplied with Staples system

Cover floor with suitable plastic sheeting. Ensure integral gaiter on edge expansion foam is lying flat on top of insulation panels and plastic sheeting. Slit gaiter at corners to allow it to lie flat. Tape down gaiter edge and any joins in plastic sheeting.



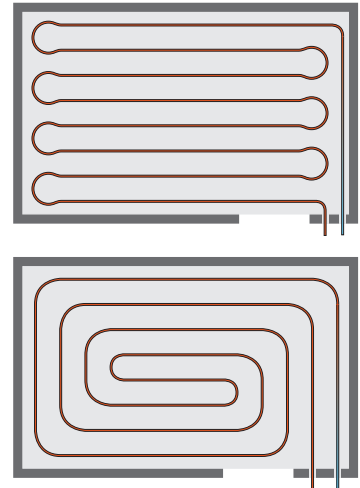
Step 3

Plan pipe layout

Start pattern from nearest point to location of manifold. Use spiral (recommended) or serpentine pattern: serpentine pipe runs normally lie parallel to longest edge of room. Avoid floor areas where heating NOT required.

EXAMPLES: under permanent fixtures such as kitchen appliances/ cupboards. Do NOT install heating pipe here.

RECOMMENDED PIPE SPACING: 200mm centres



Step 4

Place and fix pipe

NOTE: This can be completed faster if installed by two people – one to uncoil the pipe, one to staple pipe in position

Remove Wavin cutter from pipe reel, strip off blue wrap, and find pipe end from centre of reel.

Leave tail long enough to reach manifold. For spiral pattern: begin laying pipe at 400mm centres to middle of room – then return out, leaving pipe at 200mm centres. Use edge of gaiter from edge foam as guide for pipe spacing from walls.



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Step 4 continued

Fix staples by hand, or with staple gun while standing. Staple pipe at approx. half-metre intervals on straights. Keep pipe tight, to within 5mm variance. At each loop turn, secure pipe with three staples, including one at apex of turn.

IMPORTANT NOTE: To avoid over-stressing pipe, do NOT make turn tighter than 200mm diameter

Where pipe tails are below manifold location, clip each pipe into a curved pipe support.



Step 5

Completion/ Commissioning

Install the manifold and connect pipe circuits (see separate guide). If multiple circuits, balance system. Fill and flush system. Pressure test manifold and connected circuits in the installed system. Screeding. Install controls and set up thermostat(s).

