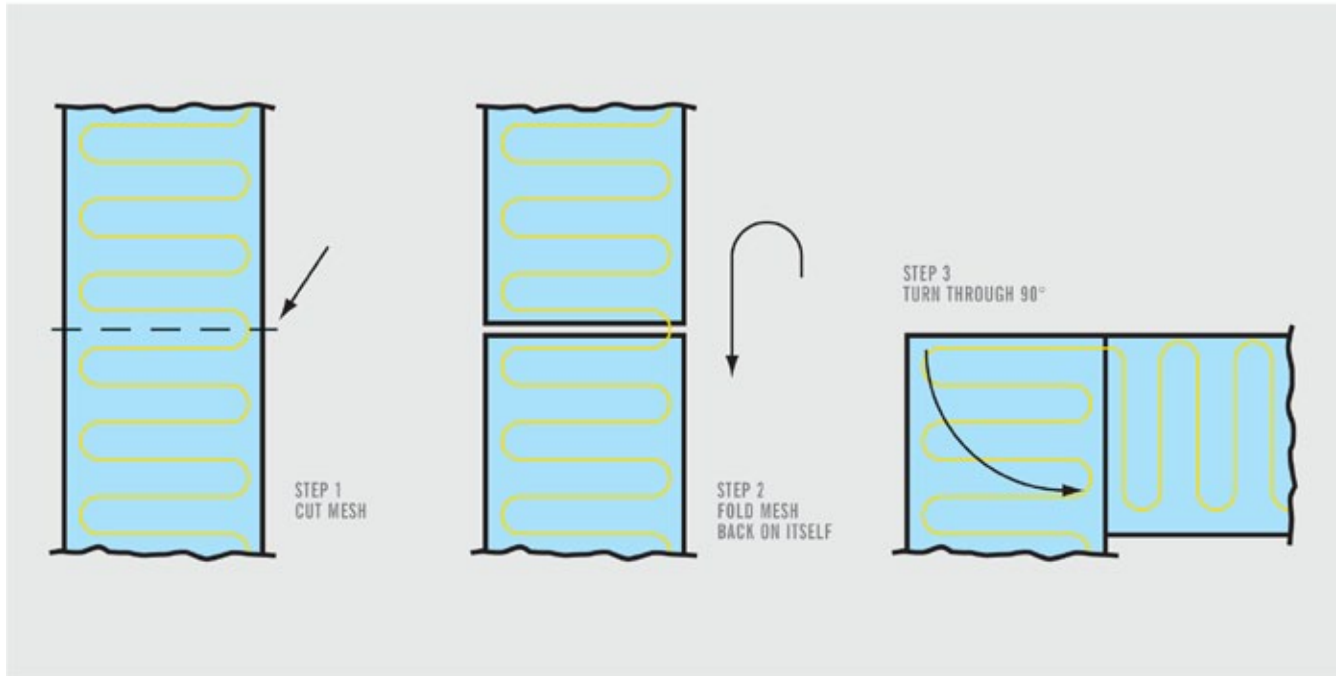


90° return runs



Planning layout / installation tips

CHECKLIST

- PLAN HEATMAT LAYOUT
- HAVE YOU GOT THE CORRECT HEATMAT SIZE?
- ALWAYS WIRE HEATMATS IN PARALLEL
- WILL YOU NEED EXTRA CABLE OR CONNECTION KITS?

Plan heatmat layout

Decide the best layout for the heatmat(s). All the connection wires from the heatmat(s) must return to the thermostat or the marshalling box, if fitted.

Heatmat connection wires are a minimum of 3m long. Where possible, try to arrange the start and finish position of each heatmat so that the connection wires reach back to the thermostat or marshalling box, if fitted.

Extra cable/connection kits

Heatmat connection wires can be extended if necessary. Each extension will require a slimline connection kit and a length of connection wire extension cable. Slimline connection kits and extension cable (sold by the metre) are available from your Thermonet stockist.

Installations where slimline connection kits have been fitted on site must undergo an insulation test in accordance with current regulations.

Installation tips

Roll out the heatmat(s) onto a clean floor. Heatmats can be laid either way up.

Where required, Thermonet can be fitted as a single wire. Cut the mesh backing either side of the yellow heating wire. Secure the mesh backing to the floor using staples, hot melt glue or spray adhesive.

Do not staple or clip the yellow element.

Do not join one heatmat to another in series. Heatmats must be wired in parallel with all connection wires terminating at the thermostat or termination mounting box.

Do not install heatmats under fixtures (e.g. kitchen units, bath, etc) or over floor movement joints. Contact your Thermonet stockist for advice when installing Thermonet when floor movement joints are present.

CONNECTION WIRE EXTENSION CABLE - BLUE	STOCK NO 5268
CONNECTION WIRE EXTENSION CABLE - BROWN	STOCK NO 5269
SLIMLINE CONNECTION KIT (1 PER CONNECTION)	STOCK NO 5410
CONNECTION WIRE - 2 CORE	STOCK NO 5412

NEVER CUT THE YELLOW HEATING WIRE. HEATING WIRE MUST NEVER BE SHORTENED OR LENGTHENED

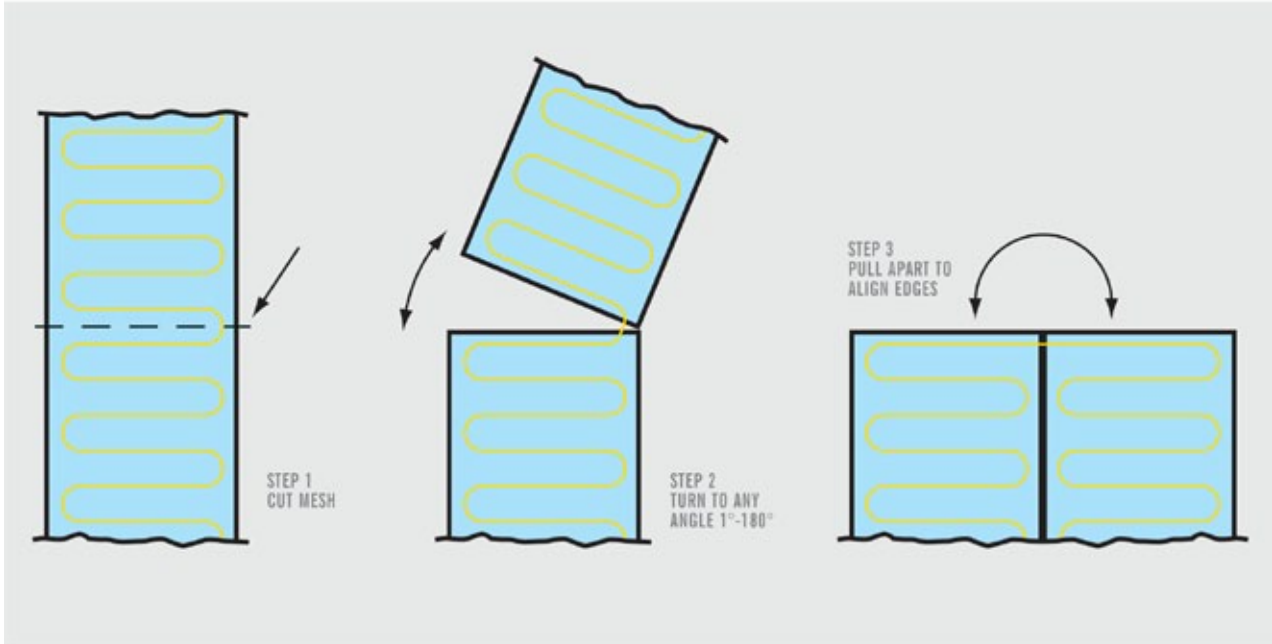
ALWAYS CONNECT MULTIPLE HEATMATS IN PARALLEL. ALL CONNECTION WIRES MUST RETURN TO THE THERMOSTAT OR A COMMON TERMINATION POINT

YELLOW HEATING WIRES MUST NEVER CROSS AND MUST ALWAYS BE AT LEAST 50MM APART

DO NOT BEND OR STRESS THE ELEMENT / COLD TAIL CONNECTION

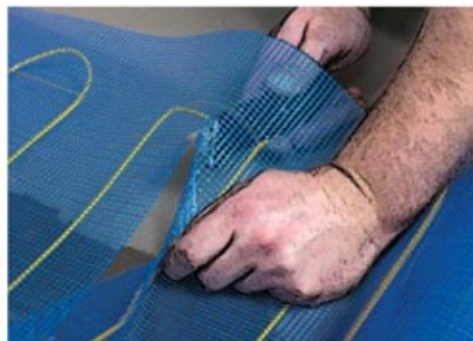
ENTIRE HEATMAT INCLUDING COLD TAIL CONNECTION SHOULD BE IN THE ADHESIVE LAYER

Angled and 180° return runs



STEP 1

USE A CRAFT KNIFE TO CUT THE BLUE MESH BACKING TAKE CARE NOT TO DAMAGE THE YELLOW HEATING WIRE



STEP 2

SEPARATE THE YELLOW HEATING WIRE FROM THE BLUE MESH AT THE LOOP ENDS AND CUT FROM THE UNDERSIDE



STEP 3

AFTER CUTTING THE MESH, THE NEXT RUN CAN BE AT ANY ANGLE 1-180°



STEP 4

LONG LENGTHS OF THERMONET CAN BE CUT AND RETURNED ANY NUMBER OF TIMES

BE CAREFUL NOT TO DAMAGE THE YELLOW HEATING WIRE DURING INSTALLATION AND FLOOR FINISHING

AFTER INSTALLATION, THERMONET SHOULD LIE FLAT. WHERE NECESSARY, SECURE THE MESH BACKING TO THE FLOOR USING STAPLES OR HOT MELT GLUE. TAKE CARE NOT TO DAMAGE THE YELLOW HEATING WIRE.

WITH CERTAIN SELF LEVELLING COMPOUNDS THE HEATMAT CAN FLOAT ENSURE MESH IS FIXED TO SUBSTRATE

FOR AWKWARD SHAPES THE ELEMENT CAN BE EASILY REMOVED FROM THE MESH