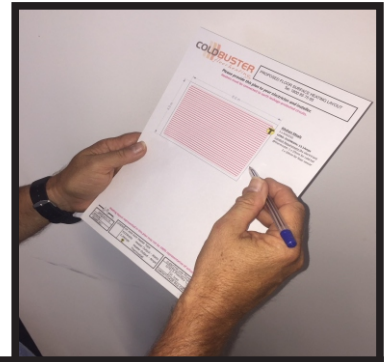
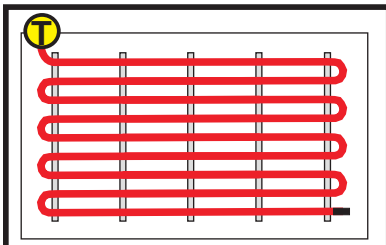


In-Screed Cable Installation

- **Sweep clean** the dry floor. Consult your **layout diagram** if you have received one and identify & mark out the perimeters of your heated area. Take into account any floor fixtures, whether it be cupboards or island benches in living areas or baths, showers, vanities or toilets in bathrooms. Calculate the floor area that you have marked out and follow the cable spacing formulae on the side of the box to calculate your cable spacing. To be conservative, you can add 10mm to your answer.



- **Fixing rails.** It is always **easier and more economical to run the heating cables parallel to the longest wall** of the room. The cables should be installed so that they achieve the longest runs before having to make a turn. The fixing rails are applied first, at 90 degrees to the run of the cable. Space rails between 1-1.5m apart (depending on length you have available). Make a mental picture of how you would like to lay the heating & then mark out where you will require the fixing rails. Cut them to length with tinsnips and nail them to the concrete floor.



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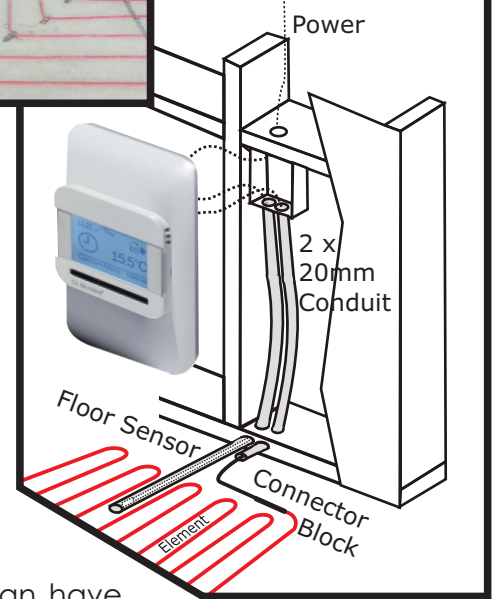
- Draw the **heater power lead (black)** and floor probe (**white**) up the conduits to the thermostat point. (See diagram). Then **Connect the Installation Monitor** (instructions in box), insert the batteries and **turn the monitor on** (white light). Tape or hang the monitor on the wall.

- The Coldbuster in-screed heating cable has a **fixed length** and a self terminating end-cap. **It must not be cut or crossed.** It is important to **follow your COLD BUSTER layout diagram** & to calculate the cable spacing for the marked out area that you require.

Cable spacing calculation is as follows:

$$\frac{\text{AREAx1000}}{\text{cable length (from the box or sticker on the cable)}}$$

Bathroom cable spacing should be 70-120mm. Large living areas can have cable spacing up to 140mm.



We repeat: the CABLE MUST NOT BE CUT!

- Begin fixing the heating cable to the floor (run the cable **parallel to the longest wall** is the easiest) by using one of these methods, tape down, cable tie to mesh or fixing rail.

- To go around a floor waste, see diagram & photo to the right. If cable spacing is wide enough, you can just widen them around the waste & then continue on your original line.

