

Instructions: Thin Bed cable installation

It is important to involve your electrician. This is a fixed wired heating appliance and as such, must be connected by a licensed electrician. In most cases, the thermostat will become the connection point and your electrician will need to provide a supply to this point at pre-wire, together with a draw wire or conduit to floor level.

Your kit should include some gaffer tape for sticking down the cable. In addition, you will need a spray can of contact adhesive. We are unable to include this in kits due to transport delivery regulations.

Preparation

A termination/thermostat position should be chosen at about switch height, where it is exposed to normal room conditions. Avoid positions where exposed to heat sources such as direct sunlight or heating appliances.

Step 1: Measure floor area

Measure up the actual floor area to be heated—in square metres. It is sometimes easiest to first measure the total area wall-to-wall area, then deduct the floor space occupied by individual fixtures such as vanity units, WC, bath, and cupboards.

Step 2: Determine cable spacing

Multiply the clear floor area in square metres by 1000, then divide this by the cable length to arrive at an average spacing in millimetres. This would normally be in the range of 50–90mm.

The factory-made cables must not be cut or altered in any way.

Step 4: Lay the cable

Spray a band of contact adhesive across the floor at both ends where the tapes will be used to secure the cable ends. This is usually dry enough in only a couple of minutes. Then commence laying the cable, starting from the connection point. If you are not running the return cable around to the far end first, do not forget to allow space for it.



The hot/cold joins between the heating cable (blue) and the cold cables (black) must be embedded within the floor. Run the cable around to the opposite side of the heated space, then zig zag the cable back towards the termination point sticking down at the ends only until you are satisfied that reasonably even spacing is achieved.

Then, apply further strips of tape across the runs at about 400mm spacing. If a floor sensor is used, the sensing tip should be positioned mid-way between cable runs.

Important information for your electrician !



