



INSTALLATION GUIDE

TileDeck Plus

TileDeck Plus

Before beginning to install your floor product, ensure that you have considered the location of your Minifold(s), see from page 35 for further information.

1 Before you begin

Make sure the existing floor is flat, clean and clear of any debris / dust.

2 Installing the TileDeck Plus Panels

For structural suspended timber floors

We recommend the panels are mechanically fixed to the subfloor using a No 8 x 35mm screw and a specialist 38mm diameter countersunk fixing washer which will be supplied along with your order. These should be used at a minimum rate of 4 fixings per panel near to each corner of the panel and suitably spaced for maximum stability.

For a solid (concrete / screed) subfloor

We would recommend applying a suitable floor primer to the sub floor prior to laying the panels. Flexible tile adhesives should be used for sticking the TileDeck Plus panel to the subfloor using the specialist, alternatively we can supply a specialist adhesive.

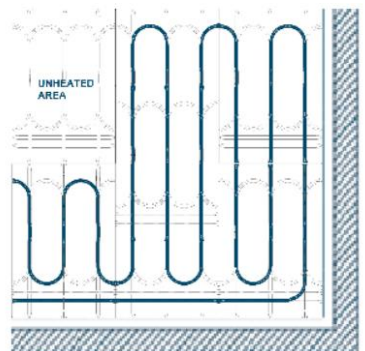
The TileDeck Plus panels should be installed in a “brick bond” pattern across the floor as shown, starting with a full panel and trimming the last panel in the run to fit. Start the next run with a half panel ensuring that the radius bends line up as required to enable adequate pipe routing, again trimming the last panel to fit. Save any offcuts as these may be useful on other runs.

3 Installing the Pipe

Starting at the Minifold and working from the furthest edge of the room lay the pipe at 133mm centres in a serpentine pattern into the pre-r grooves in the panel. Ensure there is enough pipe exposed from the to reach the ports on the manifold.

We do not recommend that you lay any pipe in areas which will be unheated (such as underneath kitchen units).

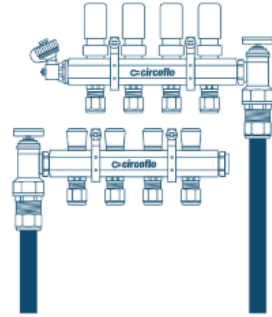
Note: If at any point the pipework is kinked, the coil must be replaced. Repeat these steps until all circuits are laid.



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4 Next steps

Once the installation of the LowDeck Plus underfloor heating system has been completed, prior to laying your chosen floor covering, it's time to connect the pipework to the Minifold. See the Minifold installation guide for more information on these install steps.



5 Lay the tile floor covering

Once the installation of the TileDeck Plus underfloor heating system has been completed you are now ready to lay your chosen tiled floor covering. We would recommend the use of a primer suitable for tiling. Ensure that you consult with the flooring manufacturer as to the type of flexible adhesive required and whether a decoupling membrane is necessary.

