

Living Heat

Bringing Heat to Life!

Warranty card.

www.underfloorheatingworld.co.uk

Living Heating provides a warranty for the floor heating mats / under tile heating cables for a period of 15 years from date of order.

In case of defective material, Living Heating will be limited to supply a new material free of charge to the customer.

The warranty does not cover installations made by unauthorised electricians or faults caused by incorrect design by others / misuse / damage caused by others / incorrect installation and any other subsequent damage that may occur.

Replacement will be fully chargeable if the damage is because of any of the above reasons.

Living Heating is under no circumstances liable for consequential damages or losses without limitation the loss or profit arising from any cause whatsoever. The guarantee covers the heating element only and does not cover field labour or floor material that is laid on top.

The warranty is void if there is any payment default or if details are not entered on the control card.

Control card, (to be completed by qualified electrician).

Cat. SL No / Cable size	Test	Before commencing of Installation (Unrolled)	After installation of heating system but before laying flooring	After laying floor covering.
	Resistance of cable (Ohms)			
	Insulation resistance (M.Ohms)			
	Continuity			

Date of testing: _____

Company Name: _____

Electricians signature: _____ Print: _____

Contact telephone No: _____

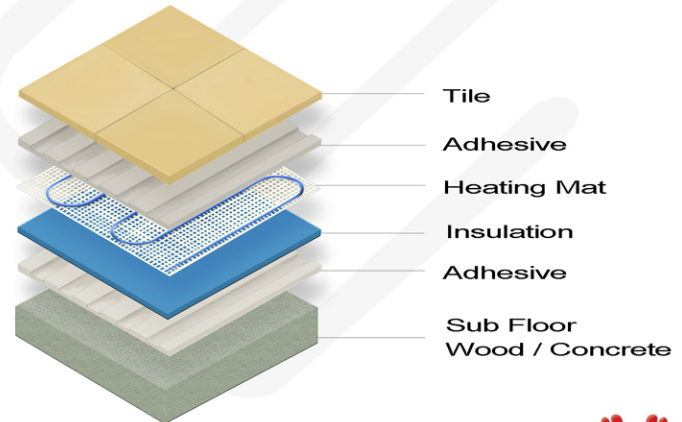
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Under Tile & Stone Heating

Heat Mat fitting Instructions



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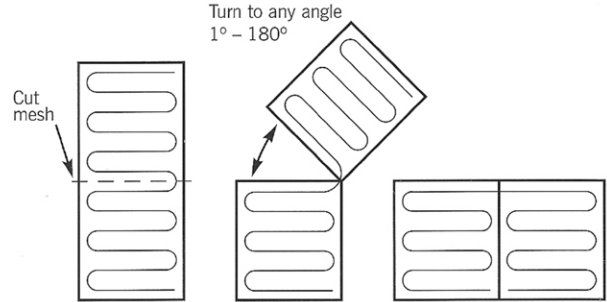
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Step by step fitting instructions

1. Remove heat mat from plastic packaging and check the size and wattage of system before you unroll the mat. (See label on mat)
2. Once everything is checked carefully remove the black cold tails ensuring not to twist any part especially the thinner blue heating cable. Over uninsulated floors suitable insulation is recommended which will increase the response rate and overall efficiency of this heating.
3. **Slowly start to unroll the mat paying particular attention that the blue heating cable is not twisted or stressed at any point, for example where the heating element meets the black cold tail.**
4. As illustrated in Fig 1 and Fig 2 start to lay your mat only cutting the white mesh (not the heating element) to turn the mat back or when going around corners. Please note **the heating element must never be cut**. The heating wire can be detached from the mesh backing to allow the mat to be run around awkward areas (see Fig 2).
5. Once the mat is laid out across the floor, this is when the resistance / continuity checks with a Multi meter need to be carried out before, during, and after laying your tiles. (Please refer to your Warranty Card on the back). Please be sure your fitter fills in your Warranty Card showing the readings before, during, and after installation. Final fitting, commissioning and the Warranty Card must be signed off by a qualified electrician.
6. Please note flexible tile adhesive must be used to lay both the insulation boards and tiles. Please take extra care when working and tiling over the heating mats.
7. Please ensure heating wires do not touch or overlap at any point. All wires should be spaced no closer than 50mm apart.
8. Your floor sensor should be located 20mm from the heating element for accurate floor temperature readings or laid evenly between the spacing of each run. Please be sure not to lay the floor probe in areas where hot water pipes and electric cables are below and ensure the sensor is not in contact with the heating element at any time. Please refer to the thermostat instructions for operation and wiring of the controller.
9. The Black cold tails of the heating mats should be run back to the thermostat position ready to be wired in. If multiple mats are to be connected to one thermostat a junction box may be required to connect the cold ends together before taking the single feed to be wired into the thermostat. Wiring Procedure. The electrical connection of the system should be carried out by a qualified and suitable electrician. It is their responsibility to make sure all equipment and cables provided are suitable for use with the system and within your building. The system should be installed via a residual current device either from the main consumer unit or via a fused spur and in accordance with all current electrical regulations at time of installation.

Fig 1



White mesh backing can be cut to allow the mat to be turned up to 180oc direction from cut.

Wire detached from mat to be freely manoeuvred around awkward areas .

Fig 2

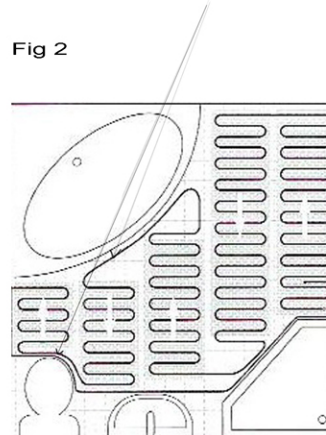


Fig 3

