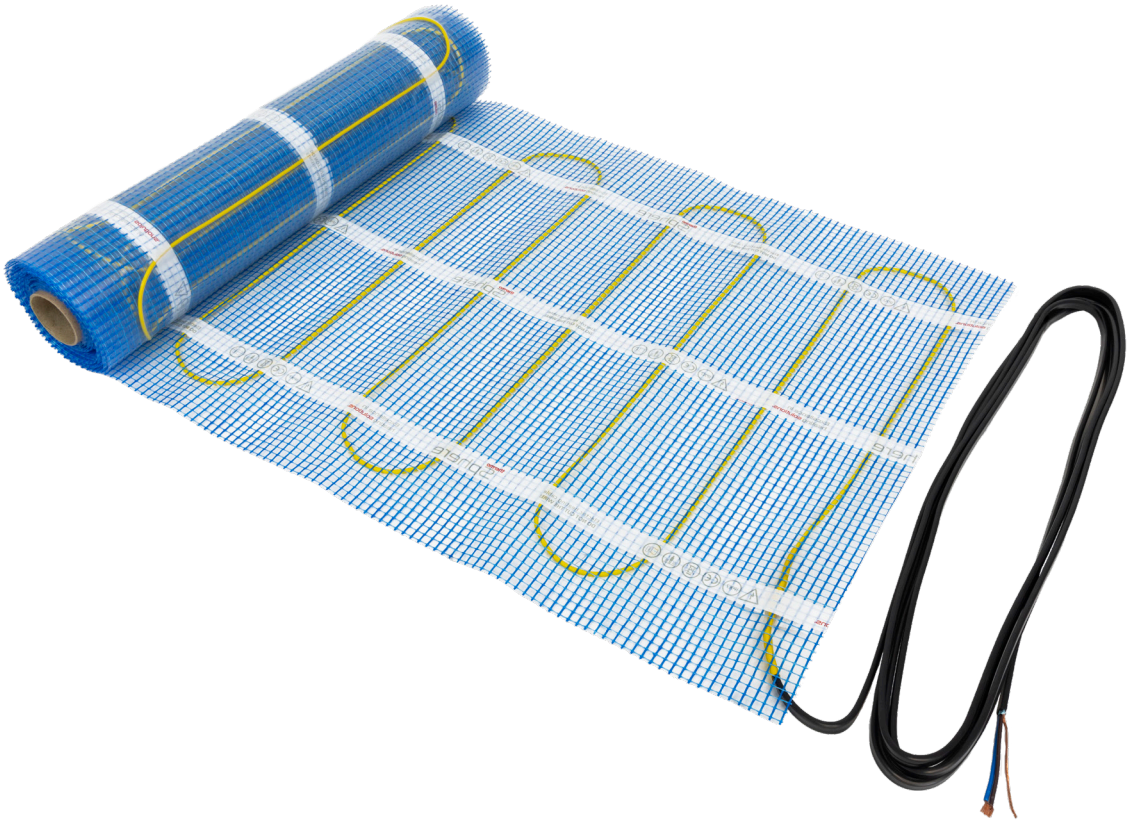
thermo Sphere

Leading the charge for electric heating

Self-adhesive Mesh 150W/m²



150W/m² ThermoSphere Mesh electric underfloor heating works perfectly as a primary heat source in most property types.

- Fully self-adhesive mesh sticks wire side down to protect the heating cable during installation.
- Unique, stress-free TwistedTwin heating cable with full earth protection.
- IP68 impervious to moisture and safe in bathrooms, showers and wet rooms.
- 3.5mm thick mat with low profile LayFlat cold tail.
- Can also be used under tiled walls.

GREAT BRITISH MANUFACTURING

Technical data	
Voltage	230V 50Hz
Output	150W/m²
Total thickness	3.5mm
Area length	1.0 - 24.0 m²
Mesh material	Self-adhesive fibreglass
Cable insulation	FEP and HR-PVC
Protection rating	IP68
Recommended max temp	27°C (Limited by controls)
Warranty	Lifetime (Online registration required)

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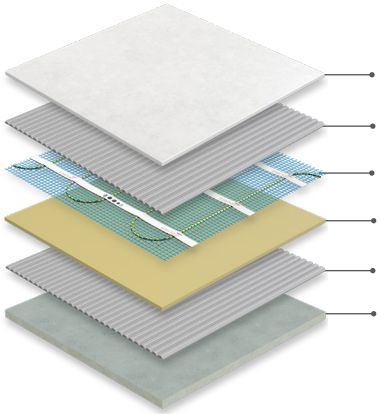
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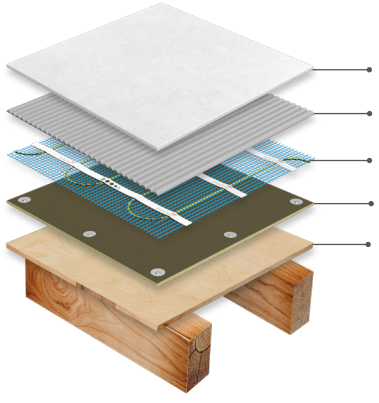
Sizes and outputs

Code	Size (m)	Area (m²)	Output (W)	Resistance (Ω)
TSM-150-0100	2 x 0.5	1.0	150	353
TSM-150-0150	3 x 0.5	1.5	225	235
TSM-150-0200	4 x 0.5	2.0	300	176
TSM-150-0250	5 x 0.5	2.5	375	141
TSM-150-0300	6 x 0.5	3.0	450	118
TSM-150-0350	7 x 0.5	3.5	525	101
TSM-150-0400	8 x 0.5	4.0	600	88
TSM-150-0450	9 x 0.5	4.5	675	78
TSM-150-0500	10 x 0.5	5.0	750	71
TSM-150-0600	12 x 0.5	6.0	900	59
TSM-150-0700	14 x 0.5	7.0	1050	50
TSM-150-0800	16 x 0.5	8.0	1200	44
TSM-150-0900	18 x 0.5	9.0	1350	39
TSM-150-1000	20 x 0.5	10.0	1500	35
TSM-150-1200	24 x 0.5	12.0	1800	29
TSM-150-1400	28 x 0.5	14.0	2100	25
TSM-150-1600	32 x 0.5	16.0	2400	22
TSM-150-2000	40 x 0.5	20.0	3000	18
TSM-150-2400	48 x 0.5	24.0	3600	15

Tiled floor finish on a concrete substrate



Tiled floor finish on a timber substrate



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