



#### DESCRIPTION

CableTherm is a slim heating element (2mm OD) packaged on a spool. The element is laid and evenly spaced over the area to be tiled. Each end of the heating cable has a 3 metre 'cold tail' for connection to the mains supply via thermostatic control, with or without a timer. 10 year manufacturers warranty.

#### APPLICATION

CableTherm is a maintenance free way of providing a gentle, even warmth for wooden or concrete tiled floors. It can also be used under parquet, timber and vinyl flooring with the addition of a suitably modified levelling compound. CableTherm is mainly used in Bathrooms, Ensuites, Kitchens and Dining areas.

#### COMPLIANCES

- IEC 60335-1
- IEC 60335-2.96

#### CONSTRUCTION

##### Heating Cable

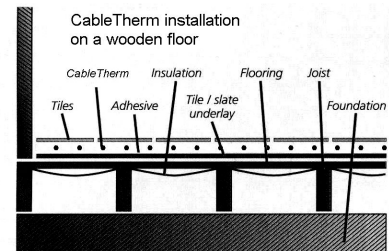
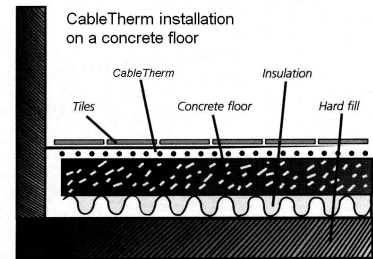
- Stranded resistance wire
- PTFE insulation
- Nickel plated copper braid
- Clear PTFE outer sheath
- 2.0mm OD cable

##### Cold Tails (Factory Fitted) x 2

- Nickel plated copper conductor
- PTFE insulation
- Nickel plated copper braid
- Clear PTFE outer sheath
- 3.0mm OD cable
- 3 metres long



Model	Area (m <sup>2</sup> )	Length (m)	Resistance (ohms)	Power (W)	
				230V	240V
UTHCS-51	0.5 - 1.0	8.5	551.0	96	105
UTHCS-53	1.0 - 2.0	16.8	275.5	192	209
UTHCS-54	2.0 - 2.5	25.2	183.6	288	314
UTHCS-56	2.5 - 3.5	34.0	137.7	384	418
UTHCS-57	3.5 - 4.0	43.0	110.2	480	523
UTHCS-59	4 - 5	50.4	91.84	576	627
UTHCS-510	5 - 6	58.0	78.72	672	732
UTHCS-512	6 - 7	69.0	68.88	768	836
UTHCS-515	7 - 8	84.0	55.10	960	1045
UTHCS-99	8 - 10	105.0	275.5	1152	1254
UTHCS-912	10 - 13	134.4	137.8	1536	1672
UTHCS-915	13 - 16	168.0	91.84	1920	2091
UTHCS-918	16 - 19	201.6	68.88	2304	2509
UTHCS-920	19 - 24	228.0	45.92	2560	2787



#### CONTROLS

- Flush mounted electronic thermostat with floor sensor, with or without a built-in time clock - OJ Electronic MTC 1991 or MCC2 1991.
- DIN Rail mounted electronic thermostat with remote floor sensor - OJ Electronic ETV 1991.

#### INSTALLATION

- CableTherm is rolled out and evenly spaced, in the area to be heated. The recommended spacing is 80mm (minimum of 50mm and maximum of 120mm).
- The cold tail joint should be set into the floor. Fixing the element to the floor is achieved by gluing with a spray contact adhesive and taping. CableTherm's ultra thin construction (2mm OD) means no special primers, sealers or self-levelling screeds are required.
- The element is tested immediately after laying and again when tiling is complete. Details are recorded on the warranty document supplied.
- A flexible tile adhesive recommended for warm floors is applied, using a tooth shaped trowel, over the element and the thermostats floor sensor. The tiles are then fixed in accordance with the manufacturer's instructions.
- For full installation details refer to CableTherm Undertile Heating Installation Instructions.

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