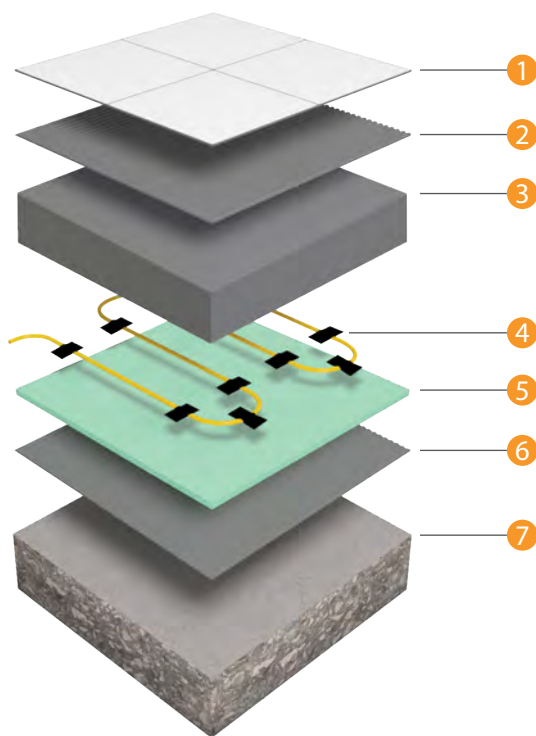


Thermoscreed In Screed Dual Thermostat Kit



- ① Tiled floor finish
- ② Flexible tile adhesive
- ③ Sand & cement screed
- ④ Thermoscreed 18W/Lm Loose Wire
- ⑤ Econobard uncoated insulation board
- ⑥ Flexible tile adhesive
- ⑦ Concrete substrate



Lifetime Warranty

We are so confident in the quality of Thermoscreed Underfloor Heating that we give each cable a warranty that lasts a Lifetime with 3 year warranty on the Thermostat.



Robust, hard wearing cable

The advanced protective PVC coating on Thermoscreed cables protects the heating element during installation and provides a long product life span.



In Screed heating

Suitable for installation in screeds of 20mm to 50mm, and is recommended to be fixed to insulation boards.



Efficient storage heating effect

In Screed systems have a slower heat up and cool down time and are suited to rooms that are in constant use.



Primary or secondary heating

Thermoscreed is suitable for both primary and supplementary heating applications provided the property is adequately insulated.



Flexible cable spacing

The heating output per m² can be adjusted by varying the cable spacing to achieve your architects designed heating output for the room. We recommend an output of 180-200m² under screed

Technical Data



Kit includes: Thermoscreed cable, Cloth Tape, Dual Thermostat (5245), Floor temperature sensor, Sensor conduit, Cable monitor, Installation Guide & Warranty Form.

Thickness	5.5mm
Max. Temperature	28°C *
Protection rating	IP67
Warranty	Lifetime on cable, 3yrs on thermostat
Wattage	18W/lm
Conductor Type	Single Ended
Cold Tail Length	3m

* Regulated by floor sensing thermostat



Installation Accessories

Thermoscreed In Screed heating cables can be fixed in position with one of three fixing methods. The Cloth Tape is the standard fixing method used on any substrate. Optional methods included the Galvanised Fixing Profile for fixing onto concrete or timber substrates or In Screed Cable Mesh for use on a waterproofed substrate.



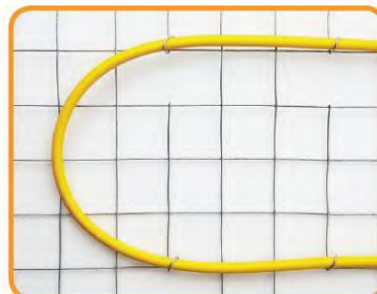
3255
Cloth Tape

A 25m roll of Cloth Tape is included in Thermoscreed Kits as a standard fixing method for use on any substrate.



3259
Galvanised Fixing Profile

Galvanised steel fixing profile can be mechanically fixed to timber or concrete substrates. Allow 1m of fixing strip per 6m of heating cable.



3263
In Screed Cable Mesh

A 4.5m² roll of loose lay mesh which is designed for loose laying over a waterproofed substrate.

Thermoscreed In Screed Dual Control Kits

Stock Code	Length (m)	Area (m ²)	Output (W)	Resistance (Ω)
3050TD	11.0	1.0 - 1.2	200	264.5
3051TD	16.5	1.3 - 1.7	300	176.3
3052TD	22.0	1.8 - 2.2	400	132.2
3053TD	27.5	2.3 - 2.7	500	105.8
3054TD	33.0	2.8 - 3.2	600	88.2
3055TD	39.0	3.3 - 3.8	700	75.6
3056TD	45.0	3.9 - 4.6	850	62.2
3057TD	55.0	4.7 - 5.6	1000	52.9
3058TD	69.0	5.7 - 6.8	1250	42.3
3059TD	76.0	6.9 - 7.6	1375	38.5
3060TD	94.0	7.7 - 9.4	1700	31.1
3061TD	116.0	9.6 - 11.7	2100	25.2
3062TD	144.0	11.8 - 14.4	2600	20.4
3063TD	183.0	14.5 - 18.3	3300	16.0

Area based on approximately 200W/m² for installation below the screed.

Thermoscreed Loose Wire Heating Cable Also available in (5246) Black Thermostat & (5220A) White Thermostat


Thermoscreed Installation Accessories


Stock Code	Output (W)	Size
3263	In Screed Cable 50x50mm Mesh	4.5m ²
3259	Galvanised Fixing Profile	25m
3255	Cloth Tape	36mm x 25m





An Underfloor Heating thermostat that allows you to control your electric Underfloor Heating system remotely


Thermotouch 4.3dC has been redesigned with bathrooms in mind and can be installed in a portrait or landscape orientation, with 8 screen colour settings to choose from

- 

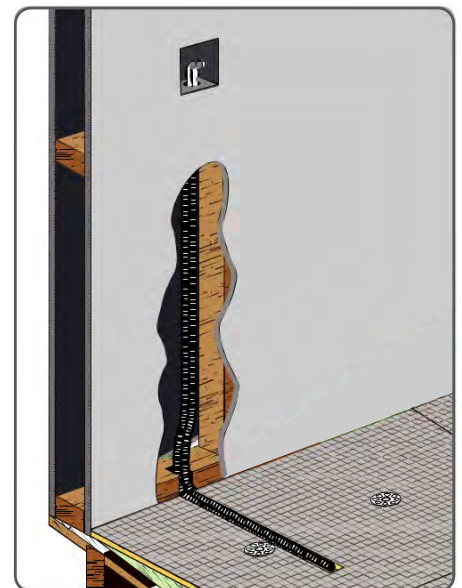
Control your underfloor heating and appliance (towel rail or mirror demister) from the same thermostat
- 

Built in ambient and external floor temperature sensors. Compatible with a wide range of popular floor sensor probes
- 

Customise your thermostat with a choice of portrait or landscape mode and 8 different colour screen settings
- 

Design an economical heating schedule for your underfloor heating and copy to your towel rail or mirror demister
- 

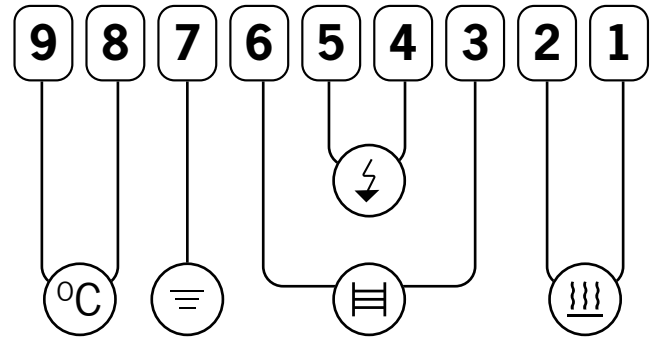
Manually boost your underfloor heating and towel rail until the next heating event or for 1, 2 or 4 hours



Floor temperature sensor should be installed in a conduit, within a clear area of the floor, and away from any other temperature influences.

Wiring Diagram

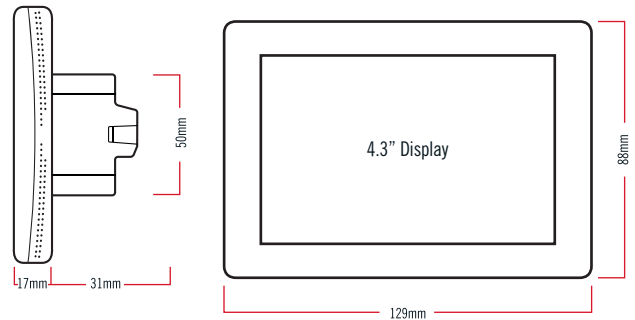
1. Live - Underfloor heating
2. Neutral - Underfloor heating
3. Neutral - Secondary relay (for towel rail or demister)
4. Neutral - 230V/240V supply
5. Live - 230V/240V supply
6. Live - Secondary relay (for towel rail or demister)
7. Earth - Common
8. Floor sensor (not polarity sensitive)
9. Floor sensor (not polarity sensitive)



Box Contents

- 1 x Thermotouch 4.3dC
- 1 x Installation guide
- 1 x 3m floor temperature sensor probe
- 1 x 2m sensor conduit
- 2 x Fixing Screws

Dimensions (mm)



Technical Data

Voltage	240V 50/60Hz
UFH maximum load	16Amps (3600W)
Rail maximum load	5Amps (1125W)
Temperature range	5 ~ 35°C
Ambient	0 ~ 50°C
Compatible sensors	6.8K, 10K, 12K, 15K, 33K
Accuracy	±0.5°C
Warranty	3 years
IP rating	IP30
Width	129mm
Height	88mm
Depth	48mm (31mm in wall)