ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

THERMOGROUP / FLOOR AND WALL HEATING

Thermoscreed Loose Wire In-Screed Heating Cable



RANGE
Thermoscreed
TYPE
Floor and wall heating
SIZES
11 m for 1.0 to 1.2 m2, 16.5 m for 1.3 to 1.7 m2, 22 m for 1.8 to 2.2 m2, 27.5 m for 2.3 to 2.7 m2
CONNECTION
Hardwired
CODE
3050 / 3051 / 3052 / 3053

WARRANTY (DOMESTIC USE)

Thermostats and accessories: 3 years replacement (12 months parts and labour) / Underfloor heating systems (Thermonet, Thermowire, Thermoscreed, Thermofoil, Thermoslab): Lifetime parts and labour / Thermorad in-wall

Conditions: Proof of purchase showing product code and date is needed, and the claim must fall inside the warranty period; The product must be installed correctly to the instructions and local regulations and used normally; The fault must be confirmed as a manufacturing fault or defect. Summary of the Thermogroup Warranty Information, checked 7 November 2026. Full terms from Romano or the brand.

FEATURES

- For 20 to 50 mm screed layers in new builds and renovations
- Suits wood, carpet, vinyl and tile finishes
- Warms the screed so it releases heat slowly
- Lifetime warranty on the heating system

DIMENSIONS

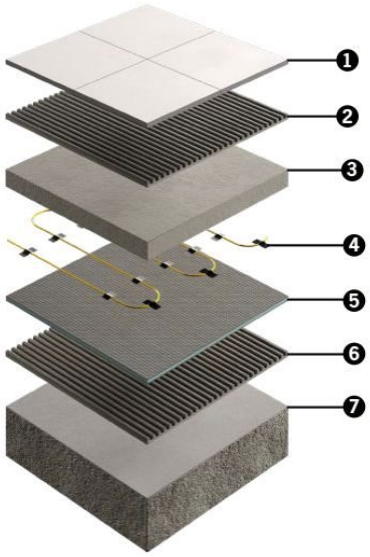
The dimension drawing and full specifications from Thermogroup follow on the next page.

Specification Sheet **Thermoscreed 18W/Lm**

Thermoscreed Heating Cable

For Installation In Screed Up To 50mm Thick

thermoscreed UNDERFLOOR HEATING



1. Tiled floor finish
2. Flexible tile adhesive
3. Sand & cement screed
4. Thermoscreed 18W/Lm Loose Wire
5. Optional Econoboard insulation board
6. Flexible tile adhesive (if insulation is installed)
7. Prepared Concrete or Timber substrate

Lifetime Warranty

Lifetime Warranty

We are so confident of the quality of our Thermoscreed Underfloor Heating systems, made in the United Kingdom, that we give each system a warranty that lasts a Lifetime with 3 year warranty on our Thermostats.

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.



Includes: Thermoscreed Cable, Fixing Tape, Installation Guide & Warranty Form

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

*Regulated by floor sensing thermostat

Thermogroup That little bit extra...

1300 368 631
sales@thermogroup.com.au
www.thermogroup.com.au

Pages from Thermogroup's own specification. Ask us about this product, we're happy to help.
Romano Indoor & Outdoor Solutions, 4/126 Canterbury Rd, Kilsyth South VIC 3137. 03 9720 4633. sales@romanoios.com.au

Specification Sheet **Thermoscreed 18W/Lm**

Thermoscreed Heating Cable

Stock Code	Size (m)	Area (m²)	Output (W)	Amps (A)	Resistance Ω
3050	11.0	1.0 - 1.2	200	0.83	264.5
3051	16.5	1.3 - 1.7	300	1.25	176.3
3052	22.0	1.8 - 2.2	400	1.67	132.2
3053	27.5	2.3 - 2.7	500	2.08	105.8
3054	33.0	2.8 - 3.2	600	2.50	88.2
3055	39.0	3.3 - 3.8	700	2.92	75.6
3056	45.0	3.9 - 4.6	850	3.54	62.2
3057	55.0	4.7 - 5.6	1000	4.17	52.9
3058	69.0	5.7 - 6.8	1250	5.21	42.3
3059	76.0	6.9 - 7.6	1375	5.73	38.5
3060	94.0	7.7 - 9.4	1700	7.08	31.1
3061	116.0	9.6 - 11.7	2100	8.75	25.2
3062	144.0	11.8 - 14.4	2600	10.83	20.4
3063	183.0	14.5 - 18.3	3300	13.75	16.0

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

How to calculate spacing of Thermoscreed

$$\frac{\text{Available floor space (m}^2\text{) x 100}}{\text{Cable Kit Length (m)}} = \text{Cable Spacing (cm)}$$

Average cable spacing based on 200W/m² is 9cm. Minimum cable spacing is 5cm and maximum cable spacing is 11cm.

Installation Accessories

Thermoscreed In Screed heating cables can be fixed in position with one of three fixing methods. The Fixing 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.



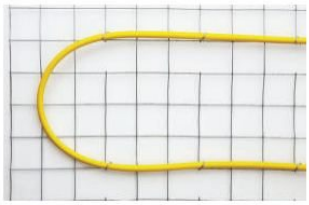
Fixing Tape

A 25m roll of fixing tape is included in with all Thermoscreed cables as a standard fixing method for use on any substrate.



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.



In Screed Cable Mesh

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

Stock Code	Description	Size	Unit
3255	Fixing Tape	36mm x 25m	Roll
3259	Galvanised Fixing Profile	25m	Roll
3263	In Screed Cable Mesh	4.5m²	Roll

Thermogroup
That little bit extra...

1300 368 631
sales@thermogroup.com.au
www.thermogroup.com.au

Pages from Thermogroup's own specification. Ask us about this product, we're happy to help.
Romano Indoor & Outdoor Solutions, 4/126 Canterbury Rd, Kilsyth South VIC 3137. 03 9720 4633. sales@romanoios.com.au