ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

THERMOGROUP / FLOOR AND WALL HEATING

Thermofoil PRO Heating Foil Mat



RANGE
Thermofoil
TYPE
Floor and wall heating
SIZES
1 m2 (2 x 0.5 m), 1.5 m2 (3 x 0.5 m), 2 m2 (4 x 0.5 m), 2.5 m2 (5 x 0.5 m)
POWER
140 watts
CONNECTION
Hardwired
CODE
121402 / 121403 / 121404 / 121405

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

- Double layer foil, cut and return installation
- 140 W per m2, about 2.5 mm build up
- Continuous earth protection braid
- Lifetime warranty, 3 years on thermostats

DIMENSIONS

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

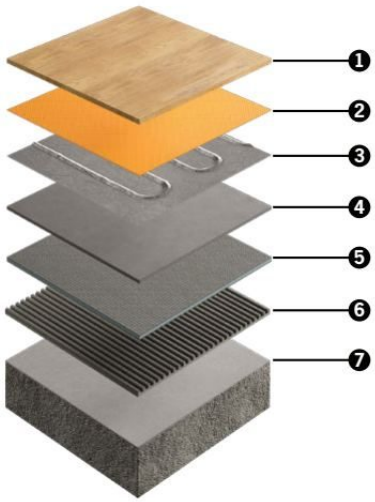
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Specification Sheet **Thermofoil 140W/m²**

Thermofoil 140W/m² Heating Foil

For installation under timber, laminate or carpet

thermofoil UNDERFLOOR HEATING



1. Floating timber floor
2. Econosoft overlay
3. Thermofoil 140W/m² heating foil
4. Econosoft underlay
5. Econoboard coated insulation board (optional)
6. Flexible tile adhesive
7. Concrete substrate

Lifetime Warranty
We are so confident in the quality of Thermofoil that we give each system a warranty that lasts a Lifetime.

Efficient heat exchange foil
The double layer of foil in Thermofoil is specifically designed to protect the heating element and achieve an even spread of heat to the floor above.

Easy cut and return installation
The accessible cable loops are an example of Thermogroup's product innovations. They make cut and return installation quick and easy while protecting the heating element.

Continuous earth protection braid
Electrical safety is paramount and Thermofoil's continuous earth braid protection runs the entire length of the heating cable.

Minimal height build-up
The foil system is only 2.5mm thick with a low profile cold tail of only 4mm thick, which can be concealed within the insulation. Required underlay and overlay will add to the total height build-up.



Technical Data	
Width	500mm
Thickness	2.5mm*
Max. Temperature	28°C**
Protection Rating	IPX7
Warranty	Lifetime
Wattage	140W/m²
Conductor Type	Single Ended
Cold Tail Length	5m

*Cold tail is 4mm thick. Required underlay and overlay will add to the total build-up.
**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.
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Specification Sheet **Thermofoil 140W/m²**

Installation Accessories

Essential overlay and underlay systems for a long lasting floating heated floor construction.



5400 Econosoft Cushioning Underlay

All Thermofoil installations require a cushioning underlay. Econosoft is a 5mm cushioning underlay that can be used for any Thermofoil installation. This can be substituted for standard carpet or hard floor underlay.



5421 Econosoft Overlay

An essential cushioning overlay that also acts as a vapour and acoustic barrier and should be included above Thermofoil in every installation.

Thermofoil 140W/m² Foil Heating System

Stock Code	Length (m)	Area (m²)*	Output (W)	Amps (A)	Resistance (Ω)
121402	2 x 0.5	1.0	140	0.58	337.9
121403	3 x 0.5	1.5	210	0.88	251.9
121404	4 x 0.5	2.0	280	1.17	188.9
121405	5 x 0.5	2.5	350	1.46	151.1
121406	6 x 0.5	3.0	420	1.75	126.0
121408	8 x 0.5	4.0	560	2.33	94.5
121410	10 x 0.5	5.0	700	2.92	75.6
121412	12 x 0.5	6.0	840	3.50	63.0
121414	14 x 0.5	7.0	980	4.08	53.9
121416	16 x 0.5	8.0	1120	4.67	47.2
121418	18 x 0.5	9.0	1260	5.25	41.9
121420	20 x 0.5	10.0	1400	5.83	37.8
121424	24 x 0.5	12.0	1680	7.00	31.5

Thermofoil Installation Accessories

Stock Code	Description	Size	Unit
5400	Econosoft Cushioning Underlay	1200 x 500 x 5mm	(6m²) pk 10
5421	Econosft Acoustic Overlay	10m x 1m	Ea
3255	Fixing Tape	36mm x 25m	Ea

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