

thermogroupuk
 UNDERLAMINATE FOIL



Specifically designed for use **under laminate** or engineered boards and is less than **1mm thick - minimal build up.**

Underlamine Foil

Specifically designed for use under laminate or engineered boards and is less than 1mm thick so no need to worry about height build up.

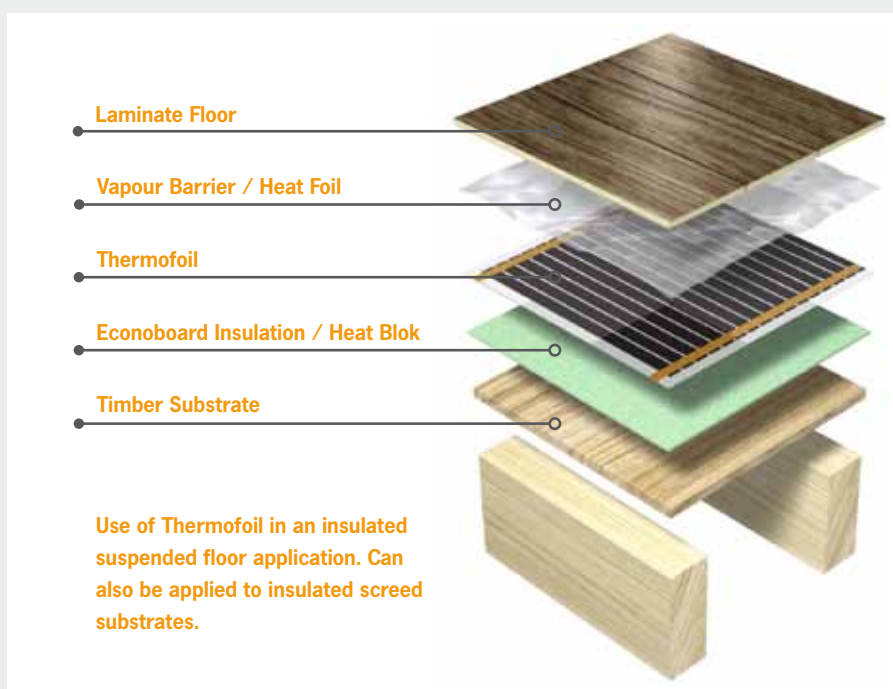
Thermofoil is available at 100W/m² and 150W/m² outputs to provide the right amount of power for your floor.

Please note that Thermofoil is a Class II product and is not suitable for use in special locations such as wet rooms, bathrooms etc.

What is Thermofoil?

Thermofoil comprises of 3 layers of polyester which encapsulate the copper bus bar and conductive heating strips creating an ultra thin heating system in outputs to suit the heating requirements of virtually any building.

Thermofoil comes pre-terminated for ease of installation, however if you do need to trim a length on site we offer the adaption kit to ensure correct re-termination.



Thermofoil 150 W/m²

STOCK NO	SIZE (M)	AREA (M ²)	OUTPUT (W)	EX VAT (£)
5350	1.0 x 0.5	0.5	75	POA
5354	2.0 x 0.5	1.0	150	POA
5358	3.0 x 0.5	1.5	225	POA
5362	4.0 x 0.5	2.0	300	POA
5366	5.0 x 0.5	2.5	375	POA
5370	6.0 x 0.5	3.0	450	POA
5374	7.0 x 0.5	3.5	525	POA
5378	8.0 x 0.5	4.0	600	POA
5382	9.0 x 0.5	4.5	675	POA
5386	10.0 x 0.5	5.0	750	POA
Custom options available to order - Call 08700 41 21 41				POA

For Thermostats see p30

Thermofoil 100 W/m²

STOCK NO	SIZE (M)	AREA (M ²)	OUTPUT (W)	EX VAT (£)
5388	1.0 x 0.5	0.5	50	POA
5389	2.0 x 0.5	1.0	100	POA
5390	3.0 x 0.5	1.5	150	POA
5391	4.0 x 0.5	2.0	200	POA
5392	5.0 x 0.5	2.5	250	POA
5393	6.0 x 0.5	3.0	300	POA
5394	7.0 x 0.5	3.5	350	POA
5395	8.0 x 0.5	4.0	400	POA
5396	9.0 x 0.5	4.5	450	POA
5397	10.0 x 0.5	5.0	500	POA
Custom options available to order - Call 08700 41 21 41				POA

Thermofoil Accessories

STOCK NO	DESCRIPTION	UNIT	EX VAT (£)
5400	Rigid Insulation Board 5mm	5m ²	POA
5410	Cold Tail Extension Kit	ea	POA
5411	Adaption Kit	ea	POA
5412	Cold Tail Extension Wire	1m	POA
5415	Vapour Barrier	20m ²	POA
5418	Fixing Tape	501m	POA

Bespoke Manufacturing

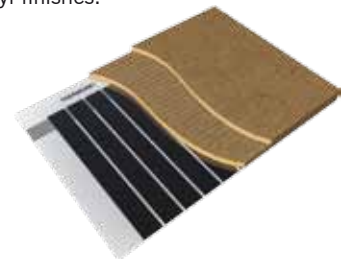
Our bespoke manufacturing service can provide Thermofoil mats to exact sizes as specified by you. Give us a call today to discuss your project with our friendly, knowledgeable team.

CAUTION!

Any furniture placed on top of a heated timber, vinyl or carpet floor finish must have legs or bun feet to allow adequate air circulation and heat dissipation.

Heat Pak see p20

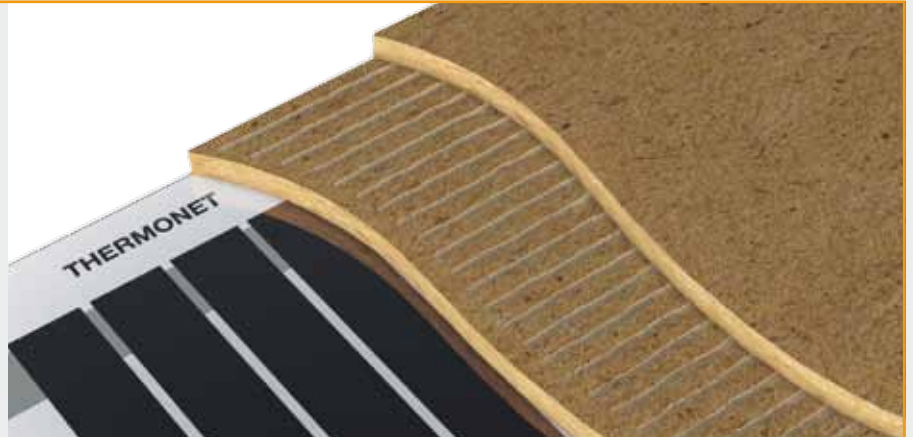
Heat Pak is a free floating sub floor, specially designed for installation over foil floor heating systems. This is a unique system that provides a very stable sub floor on which all kinds of floor covering can be laid but remains 'floating' to allow for movement differential in the floor build up and adds only 7mm to the finished floor height. Especially suitable for strip vinyl finishes.



Heat Pak is the solution for creating a level, highly stable sub floor in a minimum amount of time, giving you top quality results much faster. The very low heat resistance helps to guide the heat from the underfloor element and up through the floor. This helps to improve efficiency by providing an even spread of heat and preventing hot spots.

Heat Pak

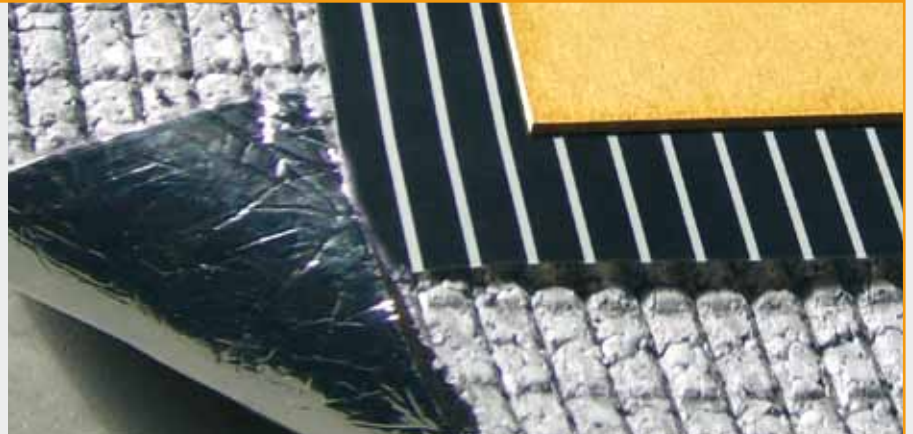
- For all kinds of floor heating
- Very low resistance ($0.07R_m$)
- Floating and very stable
- Dry and dust-free
- Quick and easy
- Only 7mm thick



High performance underlay and overlay produced by Unifloor for the **complete flooring solution.**

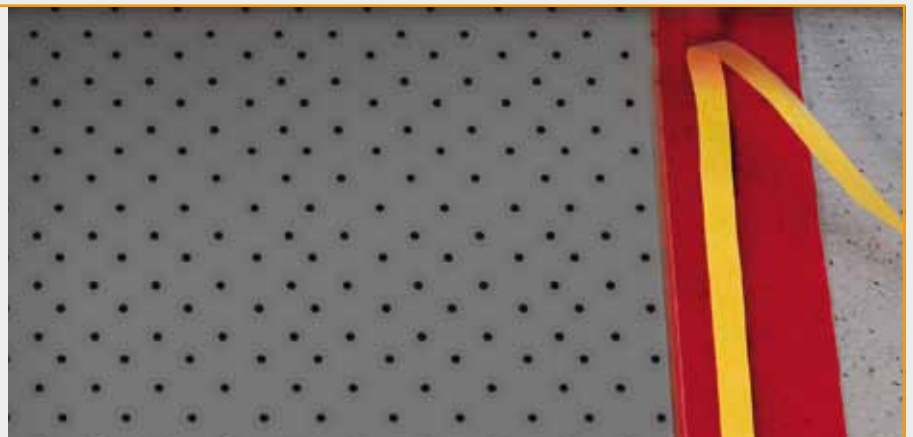
Heat Blok

- Only 6mm thick
- Available on rolls of 25m²
- High resistance ($0.19 R_m$)
- Self adhesive overlap
- Reflects radiant heat
- Easy to install
- Sound reduction of $25 \Delta L_w$



Heat Foil

- Use over underfloor heating
- Excellent heat transfer
- Only 1.2mm thick
- Optimal vapour inhibitor
- Self adhesive overlap
- Very stable



The Stable Overlay System for Floor Heating

Heat Pak is a free floating sub floor, specially designed for installation over all kinds of floor heating systems. This unique system provides a very stable sub floor on which all kinds of floor covering can be laid. Heat Pak will provide a perfect smooth and seamless subfloor, which will protect your floor. This overlay system is particularly suited to stick-on carpet, linoleum, vinyl and cork.

Heat Pak is combined from a high quality MDF material and consists of a base board (3mm) and a top board (4mm). Both boards are provided with a special interactive adhesive, which will bind them thoroughly together after installation making one solid floor.

Heat Pak

STOCK NO	DESCRIPTION	SIZE	UNIT	EX VAT (£)
5420	Heat Pak	2.88m ²	pk	POA

High Efficiency Insulative Underlay

Heat Blok has been specially developed for installation under the Heat Pak system: the ideal duo for installation of soft and elastic floor coverings, such as vinyl, cork and linoleum, in combination with a floor heating system, whether used as main heating or additional heating. Furthermore, Heat Blok is a stable basis for installation of parquet and laminate floors laid in floating fashion. Also where contact noise reduction is desired, Heat Blok can be applied perfectly. In combination with Heat Pak, a contact noise reduction is achieved of as much as 25dB ΔLw, hence amply complying with the latest standards.

Heat Blok

STOCK NO	DESCRIPTION	SIZE	UNIT	EX VAT (£)
5421	Heat Blok	20m x 1.2m x 6mm	roll	POA

Universal Sub-floor With Super Low Heat Resistance

Heat Foil has been designed especially for application on traditional warm water floor heating systems. To achieve good heat transfer from heating system to the floor covering, the R_m value of the sub-floor needs to be as low as possible, whereas the sub-floor also needs to form a barrier against the moisture vapor pressure that may emerge when the floor is heated. Heat-Foil has a PE film layer of the required 200 μm, with a self-adhesive overlap on the longitudinal seams.

Heat Foil

STOCK NO	DESCRIPTION	SIZE	UNIT	EX VAT (£)
5422	Heat Foil	50m x 1m	roll	POA

The Package

Contents Per Pack	4 base & 4 top boards
Coverage	2.88m ²
Per Pallet	48 packs - 138.24m ²
Pallet (LxWxH mm)	1200 x 1200 x 1000
Pallet Weight	830kg

Application

- Stable underlay for all kinds of heating systems installed on the sub floor
- Large reflection of conventional heat
- Extra reflection of radiant heat
- Applicable under (click) laminate and parquet in combination with UFH

Technical Information

Roll Size	50m ²
Thickness	1.2mm +/- 0.1mm
Width	100cm (exc. overlap)
R_m value	0.014
Weight/m²	190g
Raw Material	PE Foam
Density (kg/m³)	150