

Flooring Insulation

These lightweight, high efficiency thermal boards are an ideal choice when fitting underfloor heating on to a poorly insulated concrete or screed base.

Did you know that 40% of heat generated by underfloor heating gets lost through concrete floors? Levanté flooring insulation acts as a barrier, reflecting the heat upwards into the room and reducing the heat loss. This will dramatically reduce energy costs because the heating can be set at a much lower temperature to feel the same effects.

By using insulation boards in conjunction with underfloor heating, a warm floor can be achieved in as little as 20 minutes (as opposed to several hours if they are not used).

Levanté insulation comprises a core of extruded polystyrene (XPS). This is not the white type of polystyrene commonly used for packaging, but a closed cell structure that will not allow water or water vapour to pass through it.

The surface is coated on either side with a thin but robust layer of fibreglass reinforced concrete polymer. This layer provides the perfect level of porosity to bond with tiles adhesive and even plaster.

Standard Flooring Insulation

High performance insulation material with excellent thermal and acoustic properties.

- LEV6012010-01** - 10mm Thick Sheet
- LEV601206-01** - 6mm Thick Sheet

- 1250 x 600mm sheet
- 0.75m² coverage.

Note: This Insulation is NOT suitable for use with the foil heating system.

Insulation for Foil Kits

High performance insulation material with excellent thermal and acoustic properties. It is moisture resistant, effectively blocking out damp and coldness from solid flooring.

LEV0610-1

- 1000 x 1000mm sheet
- 1m² coverage.

Note: This Insulation is NOT suitable for use with cable or matting systems

Heatmiser Thermostats

A range of underfloor heating controls including dial type, digital and touchscreen. Designed to be flush mounted, resulting in a slim profile on the wall after installation.

Touchscreen Thermostat

LEVHMTSET

The Heatmiser Touchscreen is a programmable room thermostat for electric underfloor heating featuring 5 user-selectable sensing modes:

- Built in Air Sensor
- Remote Air Sensor
- Floor Sensor Only
- Floor Sensor and Built-in Air Sensor
- Floor Sensor and Remote Air Sensor



Digital Thermostat

LEVHMET

The Heatmiser Slimline Thermostat is a switchable thermostat offering 3 modes of operation:

- Air only measurement
- Floor only measurement
- Air and Floor measurement

Featuring a slimline design and a large LCD display with backlight, this is a 230V thermostat offering 16A switching making it ideal for electric underfloor heating.



Electronic Dial Thermostat

LEVHMDT

The Heatmiser electronic dial type thermostats are simple to use and offer a greater level of accuracy than standard bi-metallic versions. These thermostats are used in conjunction with a separate programmer.



Underfloor Heating

Our underfloor heating products are manufactured to the latest European standards and are available in a range of options and sizes from cable and mat, to energy saving foil kit systems to suit almost any application.

All of our under floor heating kits are supplied with a 10 year warranty for your peace of mind and full installation instructions are also included. Our technical helpline is there to guide you through from product selection to installation advice.

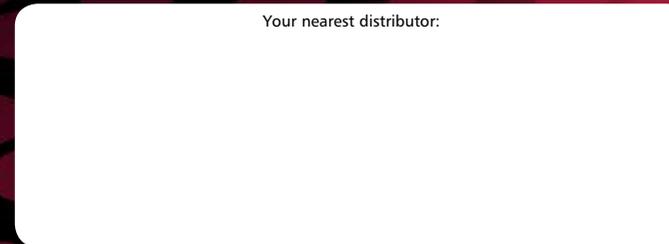
Whether cable, matting, foil or bespoke systems, Levanté has a solution for you.



Unit 1, Railway Court, Ten Pound Walk,
Doncaster, South Yorkshire DN4 5HX.

Tel: +44 (0)1302 765 563
www.levanté-products.com

Your nearest distributor:



Underfloor Heating Solutions



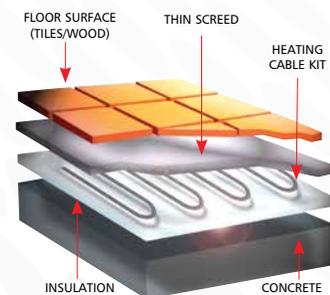
Underfloor Heating Cable Kits

The Levanté Cable Kit is a complete system that includes everything that you need to install floor heating - all packaged neatly in one box.

Thin, yet robust cable (3.2mm diameter) can be installed in all rooms around the home including kitchens, bathrooms, and under all types of floor - tiles, stone, laminate*, timber* and low tog carpets*.

Can be laid on timber, concrete or high compression strength insulation.

Using a 10mm insulation board combined with a thin layer of self-levelling compound gives only a very small increase in overall floor height.



Labour Saving Feature

All cables feature twin conductors and a built-in return. This means that electromagnetic fields are virtually eliminated and that the built-in return gives a faster installation time. The internal insulation is Teflon for long service life.

Cable Kits

ref	power	length	coverage	
			100W/m ²	150W/m ²
LEV140-14D	140W	14m	1.4m ²	0.9m ²
LEV200-19D	200W	19m	2.0m ²	1.3m ²
LEV250-24D	250W	24m	2.5m ²	1.7m ²
LEV330-31D	330W	31m	3.3m ²	2.2m ²
LEV400-37	400W	37m	4.0m ²	2.7m ²
LEV470-44D	470W	44m	4.7m ²	3.1m ²
LEV530-49D	530W	49m	5.3m ²	3.5m ²
LEV640-60D	640W	60m	6.4m ²	4.3m ²
LEV790-74D	790W	74m	7.9m ²	5.3m ²
LEV940-88D	940W	88m	9.4m ²	6.3m ²
LEV1170-108D	1170W	108m	11.7m ²	7.8m ²
LEV1360-126D	1360W	126m	13.6m ²	9.1m ²
LEV1700-159D	1700W	159m	17.0m ²	11.3m ²
LEV2050-190D	2050W	190m	20.5m ²	13.7m ²

Additional Cable Only

ref	power	length	coverage	
			100W/m ²	150W/m ²
LEV1700-159	1700W	159m	17.0m ²	11.3m ²
LEV2050-190	2050W	190m	20.5m ²	13.7m ²

* Cable must be covered with a flexible screed before covering with laminate, timber or carpet.

Underfloor Heating Mat Kits

The Levanté underfloor heating mat is a self-adhesive heating mat consisting of a heating cable fixed with a specific centre to centre (c-c) distance on a plastic mat. The construction makes it fast and easy to install.

The mat is rolled out and fixed in only one operation and is then covered with thin flexible screed or flexible tile adhesive. The total build-up height is only approx. 4mm. The mat is approved for lying directly onto materials such as particle boards. It can also be laid on concrete and gypsum boards.

Kit Contents:

- 500mm wide cable mat (length dependent on model)
- 3m connecting cable
- Programmable digital thermostat
- Underfloor sensor
- Conduit pipe (for use with sensor)



120W/m² Heating Mat Kits

For regular shaped internal rooms, use under tiles, stone, laminate*, timber* and low tog carpets*. Can be laid over timber, concrete or high compression strength insulation.

A mat size smaller than the area to be heated must be selected. Typically 80-90% floor coverage is ideal.

ref	power	length	area
LEV120-1.25D	150W	2.5m	1.25m ²
LEV120-1.7D	200W	3.4m	1.70m ²
LEV120-2.1D	250W	4.2m	2.10m ²
LEV120-2.7D	340W	5.4m	2.70m ²
LEV120-3.4D	400W	6.8m	3.40m ²
LEV120-3.9D	480W	7.8m	3.90m ²
LEV120-4.4D	530W	8.8m	4.40m ²
LEV120-5.4D	640W	10.8m	5.40m ²
LEV120-6.6D	780W	13.2m	6.60m ²
LEV120-7.9D	940W	15.8m	7.90m ²
LEV120-8.8D	1060W	17.6m	8.80m ²
LEV120-9.6D	1170W	19.2m	9.60m ²
LEV120-10.6D	1270W	21.2m	10.60m ²
LEV120-11.5D	1380W	23.0m	11.50m ²

Additional mats only

ref	power	length	area
LEV120-10.6	1270W	21.2m	10.60m ²
LEV120-11.5	1380W	23.0m	11.50m ²

* Mat must be covered with a flexible screed before covering with laminate, timber or carpet.

Underfloor Heating Mat Kits

The Levanté underfloor heating mat is a self-adhesive heating mat consisting of a heating cable fixed with a specific centre to centre (c-c) distance on a plastic mat. The construction makes it fast and easy to install as a primary heat source.

175W/m² Heating Mat Kits

For rooms with higher heat loss

For regular shaped conservatories and Garden rooms, use under tiles and stone only.

Kit Contents:

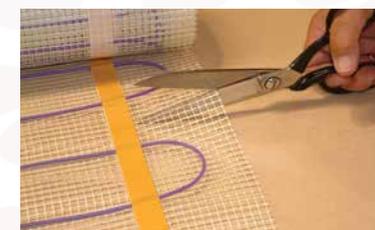
- 500mm wide cable mat (length dependent on model)
- 3m connecting cable
- Conduit pipe

Note: 175W heating mat kits require a thermostat controller (available separately).

Suitable to act as a primary heat source



ref	power	length	coverage
LEVUFH-1M	175W	2m	1m ²
LEVUFH-1.5M	263W	3m	1.5m ²
LEVUFH-2M	350W	4m	2m ²
LEVUFH-3M	525W	6m	3m ²
LEVUFH-4M	700W	8m	4m ²
LEVUFH-5M	875W	10m	5m ²
LEVUFH-6M	1050W	12m	6m ²
LEVUFH-7M	1225W	14m	7m ²
LEVUFH-8M	1400W	16m	8m ²
LEVUFH-10M	1750W	20m	10m ²
LEVUFH-12M	2100W	24m	12m ²



Underfloor Foil Heating Kits

Levanté foil heating is an easy to fix room heating system that can be used as the only source of heating in a room, without the need for radiators or other fixed or mobile heaters. The entire floor surface becomes a radiant heat source providing invisible and silent heat.

The Levanté foil heating system is cost effective to run. When the thermostat allows maximum power to the floor, each square metre uses only as much energy as two 60 Watt light bulbs. In a well insulated room the system will usually need full power for only 20% of the time

Specifically designed for use with laminate flooring up to 15mm thick, Levanté foil heating can be used on both concrete and timber subfloors, in conjunction with 6mm insulation.

This product is not suitable for use in bathrooms, shower rooms or wet rooms or under ceramic tiling. Levanté foil heating should not be fitted under fixed units such as kitchen cabinets and wardrobes.



130W/m² Foil Heating Kits

For regular shaped internal rooms, use under laminate, and low tog carpets*. Can be laid over timber, concrete or high compression strength insulation.

ref	power	length	area
LEV130-02	260W	4m	2m ²
LEV130-03	390W	6m	3m ²
LEV130-05	650W	10m	5m ²

160W/m² Foil Heating Kits

For regular shaped conservatories and Garden rooms, use under laminate, and low tog carpets*. Can be laid over timber, concrete or high compression strength insulation.

ref	power	length	area
LEV160-02	320W	4m	2m ²
LEV160-03	480W	6m	3m ²
LEV160-05	800W	10m	5m ²

Note: Foil heating kits require a thermostat controller (available separately).

technical tips...

Insulation boards **MUST** be used with the foil heating system (ref LEV0610-01). See overleaf for further details.

* Foil must be covered with 6mm ply or MDF board before covering with carpet.