

PROWARM PRODUCT GUIDE



# prowarm<sup>™</sup> Affordable luxury for any room & every budget



# Why have underfloor heating?

Are you looking for a more efficient and costeffective way to heat your home? Look no further than underfloor heating! With its growing popularity, it's no surprise that more and more homeowners are opting for this innovative heating solution.

One of the primary benefits of underfloor heating is its affordability. Installation costs are relatively low compared to traditional heating methods, and it's also economical to run. Additionally, underfloor heating requires little maintenance, making it a hassle-free option for busy homeowners.

Another significant advantage of underfloor heating is its space-saving design. Say goodbye to bulky radiators taking up valuable wall space. Underfloor heating is installed beneath the floor, freeing up wall space and giving you more flexibility in your interior design.

Not only is underfloor heating convenient and practical, but it's also eco-friendly. Because the heat is distributed evenly throughout the room,





underfloor heating requires less energy to achieve the same level of warmth as traditional heating methods. This results in a reduced carbon footprint and lower energy bills.

Water underfloor heating works by circulating warm water through a network of pipes installed beneath the floor. Electric underfloor heating, on the other hand, uses a series of cables to generate heat. Both options are connected to a power supply and can be easily controlled with a thermostat.

Don't miss out on the benefits of underfloor heating. Experience the comfort, convenience, and eco-friendliness of this innovative heating solution today!

The radiant form of underfloor heating with even heat distribution is far more comfortable and efficient than the convected heat provided by radiators, which draws cold air across the floor, heating it and then convecting it upwards towards the ceiling.



Typical Central Heating



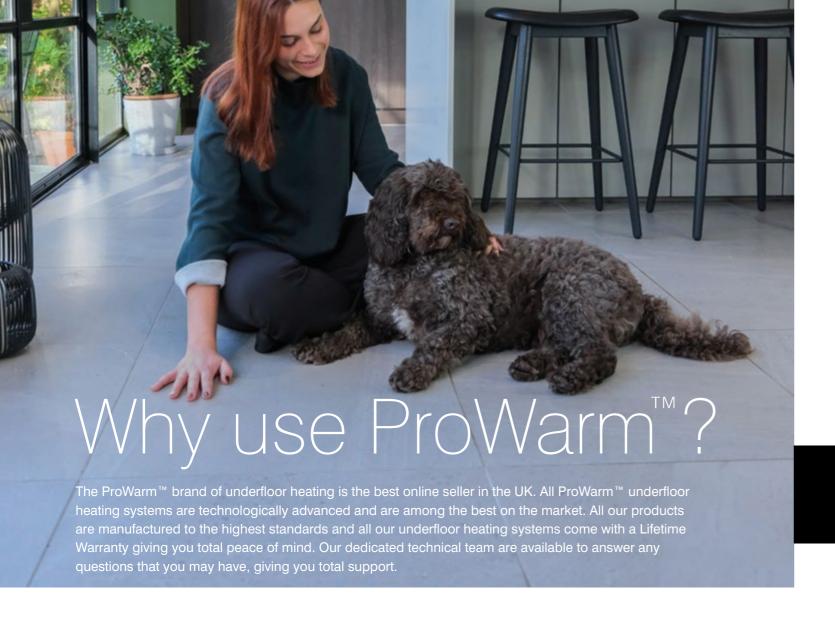
Radiant underfloor

# Save on energy bills!

underfloor heating is up to **25%** more efficient than conventional radiators 5

# Efficient even heat distribution

- Energy efficient
- Even heating for the whole room
- Easy to install
- No more cold floors
- Individual room control
- More efficient than radiators





# Lifetime Warranty

All our Underfloor Heating Systems come with a Lifetime Warranty



# 5 Star Reviews

We are an award winning company with over 100,000+ positive reviews



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# **Quality Products**

All our products are manufactured to the highest standards



# **UFH Experts**

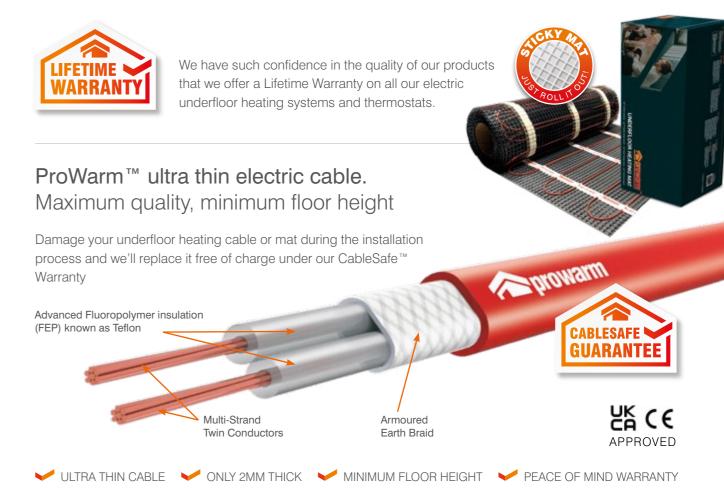
We have a fully qualified technical team to provide expert advice on your project needs



Excellent rating
100,000+ satisfied customers



(Actual working pressure & temperature 1-1.5 Bar, 35-50°c)



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# Which ProWarm™system and why?





# **UNDERFLOOR HEATING**

- For major renovations and new builds
- Generally cheaper to run than electric heating
- Perfect for large areas and multiple rooms
- Can be run using air and ground source heat pumps for efficiency



# Electric

# **UNDERFLOOR HEATING**

- Can be retro fitted into existing rooms without too much disruption - easy to install
- Cheaper to install in smaller areas i.e. kitchens/ bathrooms
- ✓ Will only increase floor height by as little as 3mm
- ✓ Wattage output options available for different room scenarios







See Page 12



Installing water underfloor heating over existing floors is simple using our New LoFlo™

See Page 16



Installing water underfloor heating between joists is easy using our 3 different installation solutions

See Page 20



There are 2 different types of suitable systems for tiled floors, heating mats and loose cables



We recommend underwood foil heating mats for wood / laminated floors. It's possible to use mats & loose cables, providing the mat / cable is covered with a minimum of 10mm self levelling



We recommend underwood foil heating mats for carpet & vinyl floors. These MUST be used with our dual overlay Heat-Pak system



**CLIP STAPLE** See Page 13



**LOFLO** MAX See Page 17



SPREADER / HEAT PLATE See Page 21





**LOFLO** *LITE* for wood / laminated floors See Page 18



**PRO FLOOR** See Page 22



PRO CRATE See Page 15

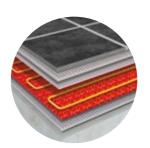




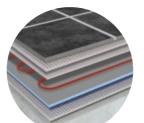
IN JOIST **FOIL BOARDS** See Page 23



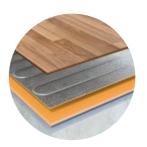
**HEATING MATS** Best suited for tiled floors See Page 38



**PROGRID SYSTEM** Best suited for tiled floors See Page 42



**LOOSE CABLES** Best suited for tiled floors See Page 40



**FOIL MATS** For use with wood / laminated, vinyl\* & carpet\* floors

See Page 44

\*Use with Heat-Pak dual overlay

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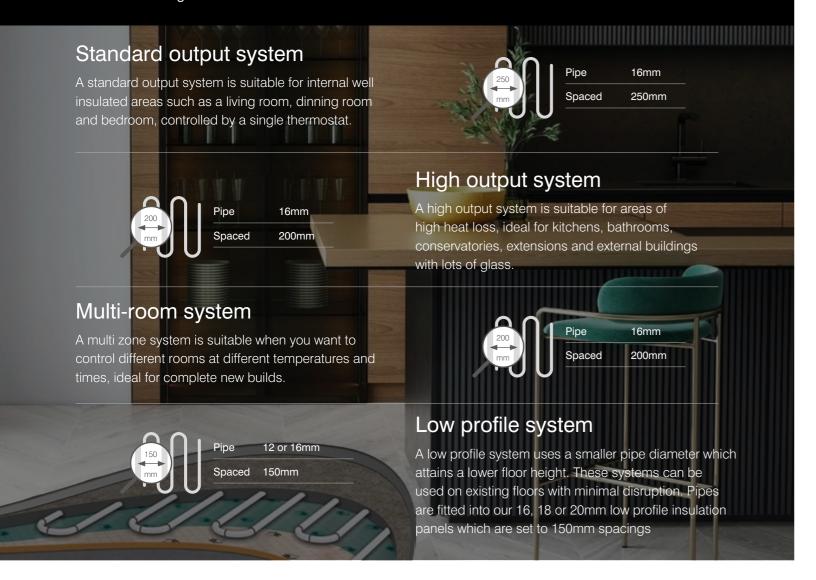


# water underfloor heating

# ProWarm™ Underfloor Heating Systems

With a water-based underfloor heating system, a series of pipes are connected to an existing heating system, where warm water is circulated throughout the floor to heat the space. Because the heat emitted from an underfloor system is more evenly distributed than a single radiator, the system can use water at a lower temperature. So it's a more efficient way of heating your home.

Underfloor heating is generally associated with tiled and wood laminated floors. It is possible to install in a carpeted room, providing the combined carpet and underlay isn't too dense which would prevent the system operating properly (a combined tog of no more than 2.5 is ideal). With vinyl floors we'd recommend checking with the flooring manufacturer to ensure the chosen vinyl is suitable for underfloor heating.



# Floor construction

Underfloor heating can be installed within a variety of different floor constructions. The different floor constructions comprise of solid screed floors, floating floors and suspended floors. The insulation below the underfloor heating should be of an adequate thickness and resistance to restrict any downward heat loss.

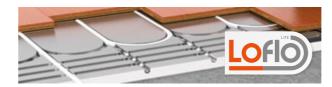
# **Screed Systems**

Screed systems rely on thermal conductivity to transfer heat from the pipes within the screed to the finished floor level. The makeup of a screed system consists of slab or over site base, edge insulation around the perimeter of all walls to allow for expansion and contraction and to prevent heat conduction from the floor to the walls. A suitable insulation is then laid on top of the over site and the underfloor heating pipes are fixed to the insulation with screed encasing the pipes.



# **Existing Floors**

Our LoFlo™ overlay range makes it possible to install a low profile water underfloor heating system over your existing floor. Our overlay range uses pre routed flooring panels with a minimal increase to the floor height.



# Suspended Floor

Suspended underfloor heating systems regularly use heat diffusion plates to dissipate the heat evenly Insulation is tightly fixed between the joists and then the aluminium heat spreader plates are then laid on top of the joists and securely pinned. The underfloor heating pipe work is then fixed in to the plates according to the floor plan layout provided.



# Floor coverings

Most floor coverings are suitable for use with underfloor heating systems, below is a general overview of each floor covering.

# Tiled / LVT floor

Tiled or LVT flooring offers the least resistance to heat transfer which makes these coverings the ideal partner for underfloor heating. When fitting these products a flexible adhesive must be used to allow for expansion and contraction to restrict the possibility of the finished floor from cracking or coming loose.

# Vinyl floor

Vinyl flooring offers a low heat resistance and whilst most vinyl and plastic flooring is suitable for use with underfloor heating, we advise checking with the flooring manufacturer to ensure the chosen vinyl is suitable.

#### Wood / laminate floors

Wood / laminate floors work well with underfloor heating. You will find that most underfloor heating should not exceed 27°C when wood flooring is laid.

# Carpets

Carpet and underlay provides the highest heat resistance. You should make sure the underlay is suitable for the use with underfloor heating and has a low TOG value, the combined carpet and underlay should not exceed 2.5 TOG.

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# Under Concrete / Screed Floors

If you are planning a new build or extension, an under concrete / screed system is often the best solution both from an installer and homeowner perspective. This installation method needs forward planning in your project but is very simple and quick to install. All our ProWarm™ systems provides a solution with the following benefits

Cost effective to purchase with no additional insulation or substantial flooring system is required

Cost effective to run because the insulation ensures that heat is projected up into the concrete/screed and warms up to create an energy store that releases the heat into the floor covering over a prolonged period of time.

Suitable for all floor coverings

No impact on floor height

Which Under concrete / screed system to choose?

ProWarm™ supply 3 under concrete / screed underfloor heating systems. The following information is useful to help identify the most appropriate system for your project. More information about each product is available in the following pages.

# 3 systems to choose from:



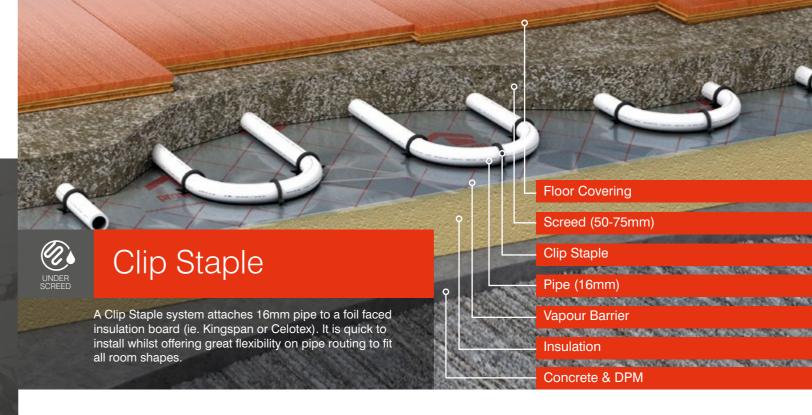
**CLIP STA** 





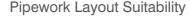
PLE	CLIP RAIL	PRO C

Installation	Quick & simple		
Suitable project types	New build and extension. Typically ground floor levels		
Suitable floor coverings	Suitable for all floor coverings types		
ldeal for rooms with the following shape	Irregular	Regular	Regular
Ready-made pipe spacing	No	Yes	Yes
Suitable screed types		Traditional & li	quid
Additional levelling compound required	Not required		d
Available in low profile	ow profile Not required, due to in-screed construct		creed construct
Pipe options	16mm		
Floor height elevation No increase to floor height		or height	
Lay floor directly onto the underfloor heating	Yes, directly onto screeded floor		



Clip Staple is a very simple and cost effective installation method offering flexibility on pipe routing to suite all room shapes. This system achieves excellent heat output because pipe is laid directly onto a foil covered insulation board and the concrete/screed acts as a conductor and energy store projecting the heat up into the floor covering over a prolonged period.













# Installer benefits

✓ Quick & easy installation

Flexibility of pipe routing and spacing



#### Homeowner benefits

Excellent heat output

Suitable for all floor coverings

✓ No increase to floor height

Cost effective solution



# Floor Heat Output

Product code	Description
479394	Pipe Fixing Clips (Box of 300) - 40mm
844011	Pipe Fixing Clips (Box of 300) - 60mm
479349	50m Roll Perimeter Insulation (100mm x 5mm)
479387	Pipe Tacker Gun



Request a quotation early in your project. Our ProWarm™ Design Consultants can help select the most appropriate system, which will speed up the installation, reduce costs and provide a better heat

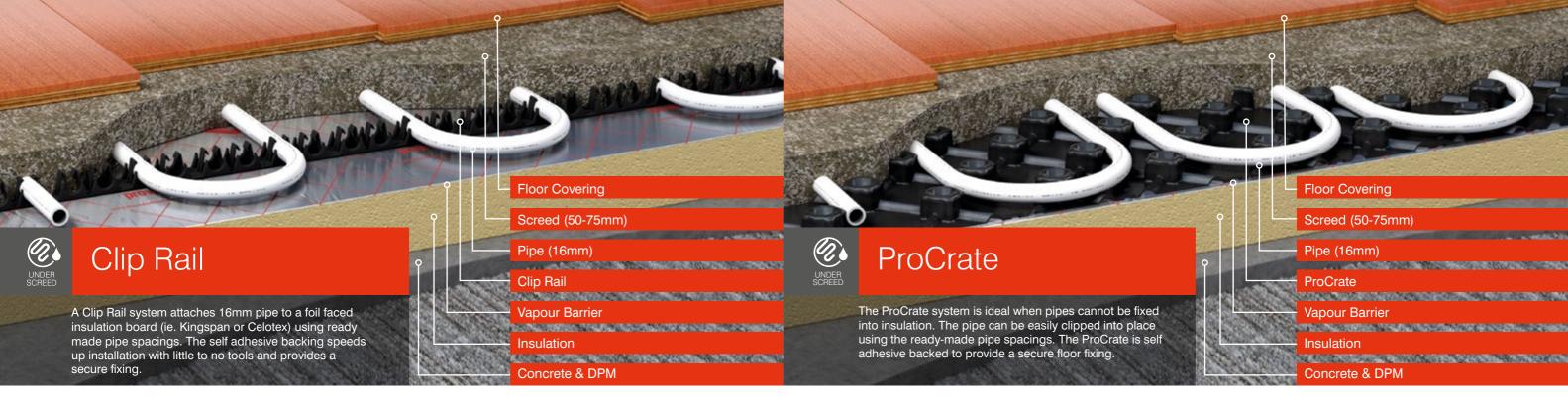


Technical support & advice



Scan QR code to watch this installation video giving you step-by-step guidance for a successful installation.

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Clip Rail is a very simple and cost effective installation method. The self adhesive backed strip with regular pipe spacings enables a quick installation process saving time and money. This system achieves excellent heat output because pipe is laid directly onto a foil covered insulation board and the concrete/screed acts as a conductor and energy store projecting the heat up into the floor covering over a prolonged period.



# Pipework Layout Suitability







# Installer benefits

- Quick & easy installation
- Regular pipe spacings
- Self adhesive backed rails



#### Homeowner benefits

- Excellent heat output
- Suitable for all floor coverings
- ✓ No increase to floor height
- Cost effective solution

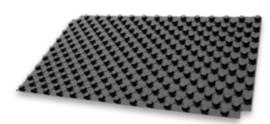


# Floor Heat Output



ProCrate floor panels are easily cut to the room shape forming a simple grid for the quickest possible pipe laying with a precise guide for minimum bending radius. The pipe is securely set at the required centres preventing movement when screeding.

This system achieves an excellent heat output as the pipe is installed above foil faced insulation and the concrete/screed acts as a conductor and energy store projecting the heat up into the floor covering over a prolonged period.



Pipework Layout Suitability









# Installer benefits

- ✓ Quick & easy installation
- Ready made pipe spacings
- Self adhesive backed crate



#### Homeowner benefits

- Excellent heat output
- Suitable for all floor coverings
- ✓ No increase to floor height
- Cost effective solution



# Floor Heat Output

Product code	Description
479361	ProCrate Egg Crate Panel (1450mm x 850mm x 20mm) - For 14mm - 17mm Pipe
479349	50m Roll Perimeter Insulation (100mm x 5mm)



Installing underfloor heating within a concrete / screed floor creates a storage heat effect. The screed floor absorbs and stores the heat reducing the demand on the heating system, thus saving energy.





Scan QR code to watch this installation video giving you step-by-step guidance for a successful installation.







Upgrade to ProWarm™ ProTouch Wifi allowing you to control your heating system from your mobile or tablet anywhere in the world.

See page 47

Technical support & advice





# Over Existing Floors

If you are approaching a major renovation or extension, our LoFlo™ overlay range makes it possible to install a low profile water underfloor heating system over your existing floor. Our overlay range uses pre routed flooring panels with a minimal increase to the floor height.

- Simple to install. No screeding or levelling compounds are required, lay the flooring panels over existing floor and apply your flooring finish over the top.
- Cost effective to run. Water underfloor heating is an efficient way to provide an even distribution of heat across the
- Suitable for all floor coverings
- 16-20mm increase to floor height

# Which Over Existing Floor system to choose?

ProWarm™ supply 2 overlay systems: LoFlo™ Max and LoFlo™ Lite. The following information is useful to help identify the most appropriate system for your project. More information about each product is available in the following pages.

# 2 systems to choose from:





Installation	Quick & simple	e overlay panel		
Suitable project types	New build, extension and retro-fit. Ground or upper floor levels			
Suitable floor coverings	All floor coverings types	Wood / Tile		
Ready-made pipe spacing	Yes	Yes		
Suitable screed types	No screed required			
Available in low profile	Yes	Yes		
Pipe options	12mm	12mm / 16mm		
Floor height elevation	18mm	16mm / 20mm		
Lay floor directly onto the underfloor heating	Ves directly	onto panels		



LoFlo™ Max is a low profile solid floor system that will increase floor height by as little as 18mm. The dry screed board acts as a heat conducting surface transferring heat from the pipe to the floor covering achieving excellent heat



# Installer benefits

- ✓ Quick & easy installation
- Ready made pipe spacings
- Robust floor panel



Pipework Layout Suitability



# Homeowner benefits

- Excellent heat output
- Suitable for all floor coverings
- ✓ 18mm increase to floor height
- Cost effective retro fit solution



# Floor Heat Output

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Product code	Description
479319	18mm LoFlo Max Panel (800mm x 600mm x 18mm)
479358	18mm LoFlo Max End Return (300mm x 320mm x 18mm)
479348	Fermacell Jointing Glue (310ml Tube - Covers 10 Panels)



Low Profile Minimal impact on floor height



LoFlo<sup>™</sup> Range increases the floor height by as little as 18mm. Perfect for a renovation



# Lite to handle, fast to install

ProWarm™ LoFlo™ Lite is simple, quick to install and a cost effective overlay system offering a standard and low profile option. The system is designed to overlay existing floors and is suitable for tile and wood floor coverings with no requirement for screeds or levelling compounds.

The system achieves excellent heat output from the high density 400 EPS insulation boards covered with an aluminium foil to project the heat into the floor covering and distribute the heat evenly.

# Features & benefits

- Provides ready-made pipe securing & spacing using pre grooved insulated boards
- High compressive strength insulation, for the direct application of engineered wood floors
- Offers a combined floating floor and underfloor heating solution
- Typical outputs up to 122w/m2
- 600 x 1200 x 20mm (for 16mm pipe)
- 600 x 1200 x 16mm (for 12mm pipe)

Scan QR code to watch this installation video giving you step-by-step guidance for a successful installation.





For tiled floor Coverings



For wood floor Coverings



Installation video for wood floors



Concrete or timber

ProWarm™ LoFlo™ Lite panels utilise high compressive

strength through expanded polystyrene, with a high tech

aluminium foil covering. This acts as a heat conducting surface to transfer the heat from the pipes to the finished

**Tiled Floor Covering** S2 Tile Adhesive & MSP (Primer) Pipe (12 or 16mm) LoFlo™ Lite Panels (16 or 20mm) S2 Tile Adhesive & MSP (Primer) Concrete or Timber

\*For Timber floor Screws and washers are also required



# Installer benefits

Quick & easy

✓ Pre routed board

Robust floor panel (400 EPS)

Lay the floor directly onto the board



#### Homeowner benefits

Excellent heat output

Suitable for wood & tile floor coverings

16-20mm increase to floor height

Cost effective retro fit solution



# Floor Heat Output

\*\*\*\* \*\*\*\*

\*\*\*\*

Product code	Description
479316	16mm LoFlo Lite Panel (1200mm x 600mm x 16mm) - For 12mm Pipe
479310	20mm LoFlo Lite Panel (1200mm x 600mm x 20mm) - For 16mm Pipe



floor above.

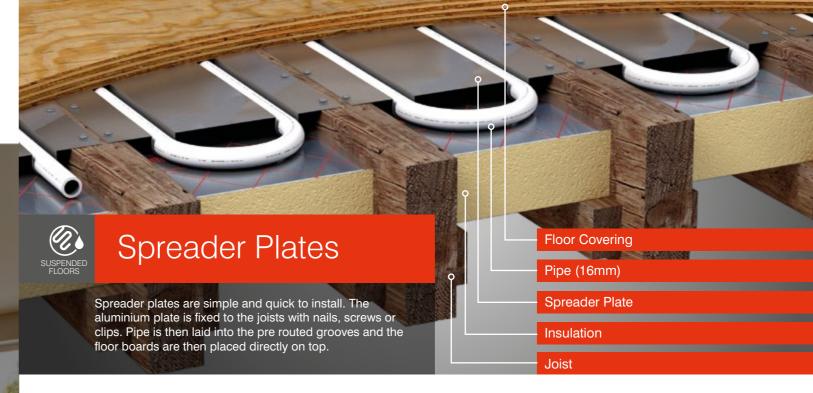


LoFlo Lite is a light weight superior grade polystyrene insulation panel simplifying the installation process.

Pipework Layout Suitability







Spreader plates are an easy and cost effective method to installing underfloor heating into an existing suspended floor

The aluminium spreader plate evenly distributes the heat across the floor, whilst the insulation projects the heat up into the room.



# Installer benefits

✓ Quick & easy installation

Ready made pipe spacings



# Homeowner benefits

Cost effective retro fit solution

Suitable for all floor coverings

No increase to floor height



2 GROOVE PLATE 200mm centers



# Floor Heat Output

Tile \*\*\*

Wood

d \*\*\*\*



Product code	Description
479311	2 Groove Spreader Plate (1000mm x 390mm x 0.3mm) - 200mm Pipe Centres
479315	3 Groove Spreader Plate (1000mm x 390mm x 0.3mm) - 133mm Pipe Centres



OOVE PLATE

Pipework Layout Suitability

An aluminium face to the floor panel conducts the heat from the pipe to spread the heat more evenly across the floor covering. This increases efficiency and reduces the likelihood of cold floor areas.





Scan QR code to watch this installation video giving you step-by-step guidance for a successful installation.

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The pipe is laid directly in the pre-routed floor board on an aluminium spreader plate projecting the heat up directly into the floor covering thus creating the highest heat output of all our between joists / suspended floor systems.



Pipework Layout Suitability

# Installer benefits

- Quick & easy installation
- Ready made pipe spacings
- ✓ No additional levelling compound required, therefore no drying time
- ✓ Board operates as a structural floor



# Homeowner benefits

- Excellent heat output
- Suitable for all floor coverings
- ✓ No increase to floor height
- Board operates as a structural floor



# Floor Heat Output

vvood	×	×			
Carpet	*	*	$\star$	$\star$	$\star$

Product code	Description
479309	ProFloor 22mm Pre-routed Chipboard Panel (1200mm x 600mm x 22mm)
479314	ProFloor 22mm Pre-routed Chipboard End Return (800mm x 600mm x 22mm)
479347	ProFloor Wood Glue (500ml Tube - Covers 10m²)
479380	ProFloor Countersunk 50mm Pozi Screw (Box of 200 - Covers 10m²)
479311	2 Groove Spreader Plate (1000mm x 390mm x 0.3mm) - 200mm Pipe Centres



Our ProFloor board is an all encompassing P5/ P6 grade structural floor panel with pre routed grooves to house the underfloor heating pipe.

These unique boards combined the idea of both the spreader plate and insulation in one system, the 50mm thick EPS insulation panel has the grooves pre formed in them at 200mm centres the whole board is then covered with an aluminium foil designed to dissipate the heat evenly over the floor above.



# Installer benefits

✓ Quick & easy installation

Ready made pipe spacings









# Homeowner benefits

Cost effective retro fit solution

Suitable for all floor coverings

No increase to floor height



# Floor Heat Output



Product code	Description
479313	Injoist Batten Panel (1200mm x 350mm x 50mm)



ProWarm™ offer a choice of underfloor heating pipe to meet installer preferences. ProWarm™ pipes include up to a 50 year pipe warranty. See T&Cs at www.prowarm.com



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# **FREE** Bespoke Design Service

For Water Systems - Full CAD design service from start to finish

We have dedicated design teams, comprising experts who are able to provide quotes including CAD drawings from customers' own plans. In addition to being experts for electric and water underfloor heating systems, we are also the most proactive when it comes to advice on suitable floor coverings, structural

sub floors and installation of the chosen systems. We offer advice on a complete solution for both existing and new construction homes, with a selection of systems to suit all scenarios; suspended floors, floating floors, low profile over floor and screed applications.

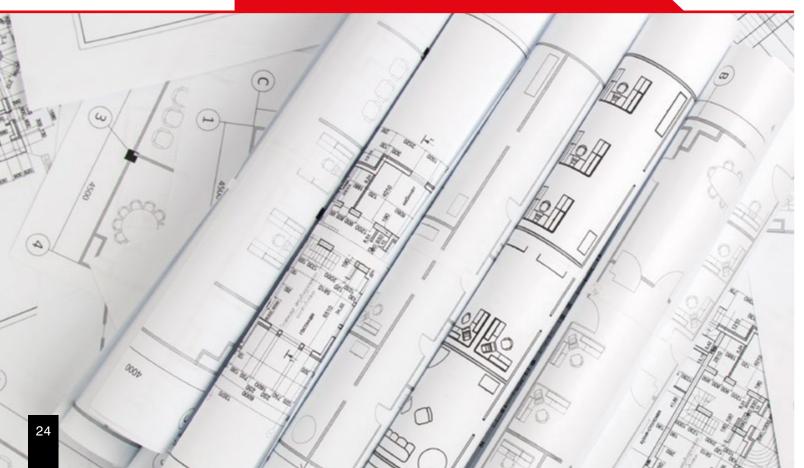




# Project support from start to finish

- Expert advice from a qualified team
- FREE bespoke design including CAD drawings
- Get your quotes back within 24 hours
- Upload your files easily and quickly

Use the QR code above to contact us about our full design service





# PERT-AL-PERT

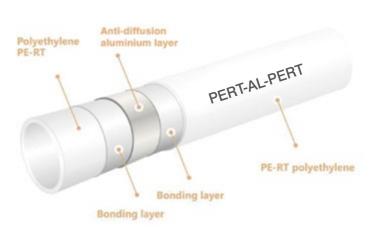
ProWarm™ PERT-AL-PERT Underfloor Heating Pipe is an ultra-high quality, safe and reliable European manufactured product with a 50 year pipe warranty. The pipe consists of; polyethylene raised temperature inner; a central core of aluminium alloy which also acts has an oxygen barrier, and Polyethylene raised temperature outer layer (PERT).

The layers of adhesive bind the inner and outer polyethylene layers to the central core of aluminium alloy oxygen barrier layer, by a thermal reaction. The oxygen barrier layer is right in the centre of the pipe wall which prevents it being damaged from foot traffic during installation.

# Features & benefits

- Flexible premium pipe
- Made with fully recycled materials
- Raised temperature polyethylene
- High heat output
- ✓ Holds it shape when bent
- Oxygen barrier
- Tight bending radius
- 50 Year warranty





Product code	Description
827641	16mm PERT-AL-PERT Pipe - 50m Coil
827634	16mm PERT-AL-PERT Pipe - 60m Coil
827652	16mm PERT-AL-PERT Pipe - 70m Coil
827643	16mm PERT-AL-PERT Pipe - 80m Coil
827635	16mm PERT-AL-PERT Pipe - 90m Coil
827636	16mm PERT-AL-PERT Pipe - 100m Coil
827640	16mm PERT-AL-PERT Pipe - 110m Coil
827624	16mm PERT-AL-PERT Pipe - 120m Coil
827627	16mm PERT-AL-PERT Pipe - 200m Coil
827650	16mm PERT-AL-PERT Pipe - 500m Coil



# Pipe Options

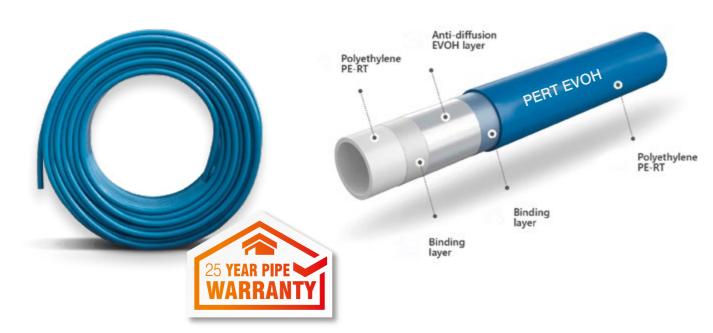
# PERT EVOH PERT

ProWarm™ multilayer pipe PE-RT/EVOH/PE-RT is designed and manufactured for surface heating/cooling systems. Thanks to its flexibility and high performance, the pipe is ideal for manifold systems.

The inner and outer pipes are made of Type II PE-RT. The anti-diffusion EVOH layer prevents oxygen ingress. Thanks to its 5-layer design, the EVOH barrier is protected against environmental conditions such as water seepage and mechanical damage. Made entirely of plastics, the pipe has a uniform structure, which makes it durable, corrosion-resistant, and non-reactive with metals.

# Features & benefits

- Ultra flexible pipe
- Oxygen barrier
- Max working pressure 6bar
- Max temperature 70degc
- Low cost
- 25 Year warranty



Product code	Description
835212	16mm PERT-EVOH-PERT - 50m Coil
835214	16mm PERT-EVOH-PERT - 60m Coil
835215	16mm PERT-EVOH-PERT - 70m Coil
835216	16mm PERT-EVOH-PERT - 80m Coil
835217	16mm PERT-EVOH-PERT - 90m Coil
835231	16mm PERT-EVOH-PERT - 100m Coil
835218	16mm PERT-EVOH-PERT - 110m Coil
835220	16mm PERT-EVOH-PERT - 120m Coil
835227	16mm PERT-EVOH-PERT - 200m Coil
835229	16mm PERT-EVOH-PERT - 500m Coil
835228	12mm PERT-EVOH-PERT - 80m Coil

Ideal for Eggcrate, Loflo Lite & spreader plate systems

# Pipe Options

# PEX-AL-PEX

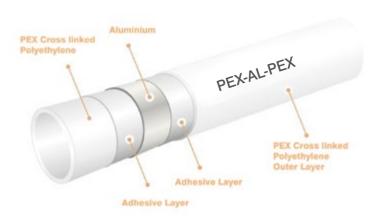
ProWarm™ PEX-AL-PEX Underfloor Heating Pipe is an ultra-high quality, safe and reliable European manufactured product with a 50 year pipe warranty. The pipe consists of; cross linked polyethylene inner, a central core of aluminium alloy which also acts has an oxygen barrier, another layer of adhesive is then added before another layer of cross linked polyethylene.

The layers of adhesive bind the two layers of cross linked polyethylene to the central core of aluminium alloy oxygen barrier layer by a thermal reaction; the oxygen barrier layer is right in the centre of the pipe wall which prevents it being damaged from foot traffic during installation.

# Features & benefits

- WRAS approved premium pipe
- Made with fully recycled materials
- Crosslinked polyethylene
- High heat output
- Holds it shape when bent
- Oxygen barrier
- ✓ Tight bending radius
- 50 Year warranty





Product code	Description
479337	12mm PEX-AL-PEX - 50m Coil
479331	12mm PEX-AL-PEX - 80m Coil

Used with 18mm Loflo Max and 16mm Loflo lite.

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# Manifold & Mixer Packs

# ProWarm™ Manifolds

ProWarm™ underfloor heating manifolds distribute the primary warm heating water from your boiler, heat pump, buffer tank or thermal store evenly into each underfloor heating circuit, if there is a demand for heat within that relevant zone. ProWarm™ underfloor heating manifolds are available from 2-12 ports and are manufactured from high grade 304 stainless steel installation and commissioning couldn't be any simpler. Manifolds are supplied individually with multiple options for isolation ball valves and fill/drain valves. Each individual circuit can

be isolated without disruption to the balancing setting, the manifold also incorporates market leading Taconova flow meters, individual circuit isolating valves and wall mounting brackets.

ProWarm™ dedicated UFH technical & sales division can provide detailed manifold specifications according to bespoke design requirements.

\* Isolation valves sold separately.

# Features & benefits

- High Quality produced product manufactured to BS EN 1264-4.
- ProWarm™ manifolds come with a 10 year warranty.
- Available in various sizes for any design type or specification.
- Main body produced from high grade 304 stainless steel.
- Patented pipe connections for various pipe types and sizes.
- No scheduled maintenance.
- Built in Drain valve.



Product code	Description
827698	Prowarm 2 Port Manifold
827683	Prowarm 3 Port Manifold
827711	Prowarm 4 Port Manifold
827675	Prowarm 5 Port Manifold
827692	Prowarm 6 Port Manifold
827706	Prowarm 7 Port Manifold
827653	Prowarm 8 Port Manifold
827691	Prowarm 9 Port Manifold
827708	Prowarm 10 Port Manifold
827670	Prowarm 11 Port Manifold
827654	Prowarm 12 Port Manifold

# Manifold & Mixer Packs

# ProWarm™ 230v Actuator

With their sophisticated engineering, first-rate reliability and high-quality design, the ProWarm™ actuator boasts an impressive low energy consumption of just 1 watt per actuator. The normally closed actuator has a 4mm stroke and is suitable for use with all our manifolds and wiring centres

# ProWarm™ Manifold Control Kit

The ProWarm™ underfloor heating control pack provides safe temperature controlled mixed water to an underfloor heating system with a heat output up to 14KW. Designed to be lightweight and compact in order to connect directly onto a standard manifold without the need for extra brackets or supports. The Control Pack consists of a temperature mixing valve; an A rated high efficiency Grundfos circulator, return elbow, manifold adapters and all necessary seals. ProWarm™ dedicated underfloor heating technical and sales teams can provide detailed specifications according to bespoke design requirements.

# Features & benefits

- A rated high efficiency Grundfos circulator as standard for lower energy use and running cost.
- High Quality produced product manufactured to BS EN 1264-4, Nickel plated to match stainless steel manifold.
- Compact bolt on unit providing quick and simple installation.
- For Space heating applications up to 14KW
- Easy set up within the adjustable range of 25°C to 60°C.
- Controls flow temperature to +/- 2°C even with changing boiler flow and return temperatures.
- Flow and return connections can be adjusted to enter from horizontal or vertical.
- No scheduled maintenance.









Product code	Description
835965	Grundfos Manifold Pump & ESBE Mixing Valve Unit
479285	230v 2 Wire Thermal Actuator
835971	Prowarm 1" x 1" Ball Valve Pair (Isolation Valves)
479304	Manifold Extension Kit
479389	Manifold Brass Blanking Cap
479300	Manifold Flow Meter

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# Manifold & Mixer Packs

# ProWarm™ single room control & mixing pack

The ProWarm™ single room underfloor heating control pack provides safe temperature controlled mixed water to an underfloor heating system with a heat output up to 3KW, a perfect solution for retro fitting underfloor heating into an additional room or conservatory.

# Features & benefits

- A rated high efficiency Grundfos circulator as standard for lower energy use and running cost.
- High Quality produced product manufactured to BS EN 1264-4.
- Compact bolt on unit providing quick and simple installation.
- For space heating applications up to 3KW.
- Easy set up within the adjustable range of 35°C to 65°C.
- Controls flow temperature to +/-2°C even with changing boiler flow and return temperatures.
- No scheduled maintenance.

Designed to be lightweight and compact in order to connect directly onto pipe work without the need for extra brackets or supports. The Control Pack consists of a temperature mixing valve; an A rated high efficiency Grundfos circulator, isolation valves, flow and return connections and fixing kit. ProWarm™ dedicated Underfloor Heating technical and Sales teams can provide detailed specifications according to bespoke design requirements. Single room mixer packs require a dedicated flow and return.



Product code	Description
835966	Grundfos Single Circuit Pump & ESBE Mixing Valve Unit

# Manifold Accessories

Product code	Description
479352	12mm x 1/2" Male Iron Pump Connector
479386	16mm x 1/2" Male Iron Pump Connector
479353	22mm 2 Port Motorised Valve



# Pipe Fittings & Accessories



Product code	Description	
479365	12mm x 2mm Eurocone Connector	
479396	15mm x 2mm Eurocone Connector	
479367	16mm x 2mm Eurocone Connector	
479395	Pipe Leading Bend To Manifold For 10mm - 12mm Pipe	
479357	Pipe Leading Bend To Manifold For 14mm - 18mm Pipe	
479351	Pipe Cutting Tool	
479362	Pipe Rerounding Tool	
479393	Pipe Decoiler	
479387	Pipe Tacker Gun	
145591	Rothenberger Pressure Tester	



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# Thermostats & Controls

# Underfloor heating controls

An underfloor heating system is controlled via a wiring centre and a thermostat. At ProWarm™ we provide a wide variety of controls to fit every scenario, whether it is WiFi, wired or wireless. We will advise you at every stage of the project and deliver a control solution to fit every application.

# Stylish room thermostats

ProWarm™ offer a wide range of thermostats including electronic dial type, button, touch-screen and WiFi. The majority of our room thermostats are designed to be flush mounted, resulting in a slim profile on the wall after installation.

# Easy to install wiring centres

The ProWarm<sup>™</sup> central wiring switch box, has been designed to be used with wired, wireless and networked thermostats.

The Wiring Centre offers the following functionality;

- Central wiring for up to 8 zones
- Output for underfloor heating valve and pump, activated when any thermostat calls for heat
- Output for a single radiator zone
- Output for domestic hot water
- Three options available; WiFi, Wireless and Wired

# WiFi controls



- ✓ WiFi Control
- Double Temperature Control
- Programmable
- Large Screen
- Professional Design
- Lifetime Warranty



ProTouch Smart WiFi Thermostat enables control of your underfloor heating via your home WiFi using the easy to use application available on both Android and IOS platforms. Designed to enhance the experience of the end user with a 7-day programmer, optimal start features, multi temperature display and easy to read displays.

Product code	Description
479388	ProTouch WiFi Smart Thermostat - White
479391	ProTouch WiFi Smart Thermostat - Black





# 230v Controls

DS1 Dial Thermostat

- Power On & Heat On Indication
- Single Temperature Control

✓ Built In Air Sensor



Slimline Thermostat

- Self Learning Preheat
- Temperature Hold Facility
- Key Locking
- Flexible Programming
- ✓ Blue Back Light



Touchscreen

- Easy Touch Screen Display
- Self Learning Preheat
- Temperature Hold Facility
- Key Locking
- Flexible Programming
- ✓ Blue Back Light



NeoStat Smart Thermostat

- Networking with NeoHub
- Easy Navigation
- Self Learning Preheat
- App Control



Wiring Centres

- Radiator Option
- Din Rail Mounting
- Output Indication



Product code	Description	For use with
410445	DS1 Dial Thermostat	UH4 / UH8
479262	Slimline Digital Programmable Room Thermostat	UH4 / UH8
479235	Touchscreen	UH4 / UH8
479234	NeoStat - Glacier White	UH4 / UH8
479238	NeoStat - Sapphire Black	UH4 / UH8
653072	NeoStat - Platinum Sllver	UH4 / UH8
479265	Neo Hub Gen 2	Neo Thermostats
479263	UH4 4 Zone Wiring Centre	230v Thermostats
479236	UH8 8 Zone Wiring Centre	230v Thermostats

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# Thermostats & Controls

# Wireless Controls

# SLIMLINE-RF Programmable Wireless Thermostat

- Key Lock Facility
- Self Learning Preheat
- Temperature Hold Facility
- Key Locking
- Remote Air Sensor Connection
- Compatible with UH8-RF, RF Switch



# NeoAir Wireless Programmable Smart Thermostat

- Self Learning Preheat
- Mesh Networking
- Easy Navigation
- Remote Air Sensor Connection
- Wireless Switching to UH8-RF & RF Switch



# UH8-RF - Wireless Wiring Centre

- RF Switch Compatible
- Slimline-RF, NeoAir
- Neon Indication
- Din Rail Mounting



#### RF SWITCH Two Zone Wireless Receiver

- Controls 1 Heating Zone
- 1 Hot Water Zone
  - Pairable With UH8-RF
- Volt Free Output for the Boiler



Product code	Description	For use with
479239	NeoAir - Glacier White	UH8-RF / RF-Switch
653067	NeoAir - Sapphire Black	UH8-RF / RF-Switch
653072	NeoAir - Platinum Silver	UH8-RF / RF-Switch
479265	NeoHub Gen 2	Neo Thermostats
479257	479257 Slimline RF Programmable Room Thermostat	UH8-RF / RF-Switch
UH8-RF	UH8-RF 8 Zone Wiring Centre	Wireless Thermostats
479268	RF Switch Wireless Receiver	Wireless Thermostats

Controls Accessories		
479796	ProWarm Floor Probe	
479267	Remote Probe Housing	
Motorised Valves		
479353 22mm 2 Port Motorised Valve		





# Typlical Multi-Room Kit

# Contents of a water kit, based on a 60m² multi-room kit



No.	Description	Product Code
1	Edging Insulation	479349
2	Prowarm European Standard Pert-Al-Pert Pipe	827627
3	Grundfos Mixing Unit	835965
4	Manifold (Dependent on kit)	
5	Pipe Staples	479394
6	Ball Valves	835971
7	Euro Cones	479346
8	Pipe Re-rounding Tool	479362
9	Pipe Cutters	479351
10	Actuators	479285
11	Thermostat (Will Vary Dependent On Selection)	
12	Wiring Center (Multi-Room Kits Only)	661696

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# Contents of a water kit, based on a 15m<sup>2</sup> standard output kit



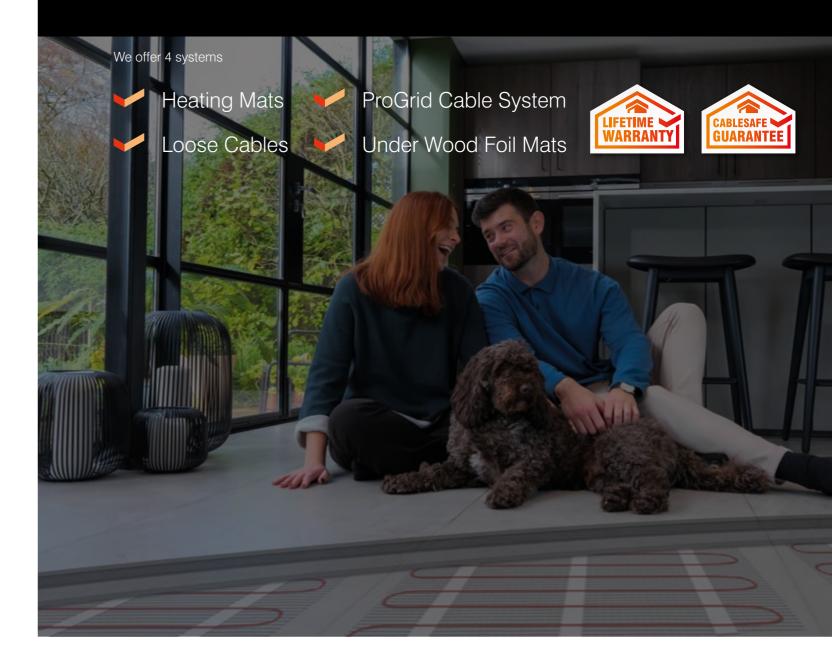
No.	Description	Product Code
1	Edging Insulation	479349
2	Prowarm European Standard Pert-Al-Pert Pipe	827634
3	16mmx1/2' MI Coupling	479386
4	Grundfos Single Circuit Pump & Mixing Valve Unit	835966
5	Pipe Staples	479394
6	Pipe Re-rounding Tool	479362
7	Pipe Cutters	479351
8	Thermostat (Will Vary Dependent On Selection)	



# electric underfloor heating

# ProWarm™ Underfloor Heating Systems

There are 2 main types of electric underfloor heating systems; loose cables and mats. Loose cables are flexible enough to fit into small or awkward spaces. Heating mats are quicker to install, as they are simply rolled out, making them ideal for covering large areas. Both heating mats and cables are connected to a power supply, via an RCD, and are wired to a thermostat to control the temperature of the floor.



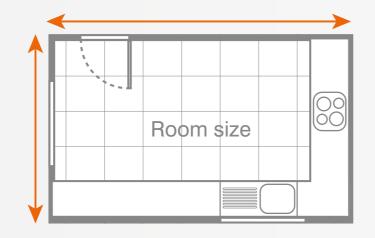
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1 MEAS ROOM

# MEASURING ROOM DIMENSIONS

Measure the length and width of your room.



For example

Length (m2)

5.5

Width (m2)

4.0

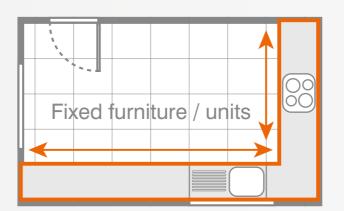
Total room size (m2)

22.00

=

2 MEASURING UNHEATED AREAS

Measure any permanent / fixed furniture items as these will block the heated areas.



Fixture Length (m2)

5.5

X

X

0.6

0.6

Fixture Width (m2)

3.4

X

NB: Once you have deducted the furniture sizes from the total floor area you are left with the total heatable floor space. Deduct 10% from this figure to allow for a gap around the perimeter (and to prevent over measuring!!) this will give you the size of the kit, rounding down to the closest suitable kit size.



Calculate approximately 10% less than the total heating area to allow for fitting.



Space (m2)

22.00

Footprint (m2)

5.34

Total fitted area (10% deducted)

15.00 m2

This formula shows the basics you need to calculate a system for around 70 -80% of standard installations.

However if the customer is tiling under the bath or the kitchen units then you need to make sure you have enough insulation boards to cover this. This will help to maintain the same floor height. To calculate the number of insulation boards required, use the formula below.

Total tiled area + 10% wastage = insulation board area



Our ProWarm<sup>™</sup> heating mats are simple and trouble free to install. They are suited to large regular shaped areas where their installation will be quicker than loose cable kits.

Our ProWarm™ 2mm mat is our most popular system. It uses exactly the same cable as the loose system except the cable spacing has already been predetermined in our factory. All you need to do is roll the sticky mat out over the floor, until it's used up. The cable can be removed from the mat to shape into any awkward spaces.

This system is ideal for kitchens, lounges, dining rooms and most other areas. It comes in 3 different power outputs, 100w-150w-200w. The mats are 500mm wide but can be cut and turned to suit most shapes, and range from 1m2 to 12m2.

Must be protected via an RCD

# Floor Type Suitability







\*Provided cable is covered in a minimum of 10mm self levelling





Scan QR code to watch this installation video giving you step-by-step guidance for a successful installation.

# Features & benefits

- Retro fit over existing floors
- Easy to install
- Ideal for large regular shape rooms
- Minimal effect in floor height
- Even heat distribution

Available in 3 power options for different scenarios i.e. tile warming or primary heating.



100 watt -<u>)</u>- 150 watt

200 watt





ProWarm™ electric underfloor heating systems include a Lifetime Warranty giving you total peace of

See T&Cs at www.prowarm.com



Please select a preferred thermostat option from page 49 for electric Underfloor heating

#### 100W MATS

100w mats provide a highly economical floor warming system and are used to cover larger areas. They are not suitable as a primary heating source, only to be used as secondary heating for under tiled floors.

Product code	Description
100113	100w 1m <sup>2</sup> mat
100143	100w 1.5m <sup>2</sup> mat
100034	100w 2m² mat
100105	100w 2.5m <sup>2</sup> mat
100063	100w 3m <sup>2</sup> mat
100100	100w 3.5m <sup>2</sup> mat
100107	100w 4m² mat
100118	100w 4.5m <sup>2</sup> mat

Product code	Description
100134	100w 5m <sup>2</sup> mat
100124	100w 6m² mat
100097	100w 7m <sup>2</sup> mat
100128	100w 8m² mat
100123	100w 9m² mat
100041	100w 10m² mat
100110	100w 11m² mat
100039	100w 12m <sup>2</sup> mat

# 150W MATS

150w mats can be used for most applications and are suitable for use as a primary heating source (providing adequate insulation is in place and sufficient floor area is covered)

Product code	Description
100036	150w 1m² mat
100088	150w 1.5m <sup>2</sup> mat
100037	150w 2m² mat
100145	150w 2.5m <sup>2</sup> mat
100108	150w 3m² mat
100074	150w 3.5m <sup>2</sup> mat
100033	150w 4m² mat
100101	150w 4.5m <sup>2</sup> mat

Product code	Description
100122	150w 5m <sup>2</sup> mat
100102	150w 6m <sup>2</sup> mat
100138	150w 7m <sup>2</sup> mat
100111	150w 8m² mat
100104	150w 9m <sup>2</sup> mat
100120	150w 10m <sup>2</sup> mat
100135	150w 11m <sup>2</sup> mat
100053	150w 12m <sup>2</sup> mat

#### 200W MATS

200w mats are normally used in areas of high heat loss such as conservatories. They provide a primary heat source (providing adequate insulation is in place)

Product code	Description
100103	200w 1m <sup>2</sup> mat
100106	200w 1.5m <sup>2</sup> mat
100131	200w 2m <sup>2</sup> mat
100094	200w 2.5m <sup>2</sup> mat
100095	200w 3m <sup>2</sup> mat
100096	200w 3.5m <sup>2</sup> mat
100129	200w 4m <sup>2</sup> mat
100032	200w 4.5m <sup>2</sup> mat

Product code	Description
100139	200w 5m <sup>2</sup> mat
100136	200w 6m <sup>2</sup> mat
100099	200w 7m <sup>2</sup> mat
100089	200w 8m <sup>2</sup> mat
100098	200w 9m² mat
100031	200w 10m² mat
100058	200w 11m² mat
100132	200w 12m² mat



Product code	Description
458166	ProWarm Kit Accessories - Covers up to 6m <sup>2</sup>
248196	ProWarm Kit Accessories - Covers up to 12m <sup>2</sup>

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Our ProWarm™ loose cable systems are the ideal solution for those complicated floor areas where a mat is not suitable. Cables are rated at 10w per linear metre, this means the closer you space the cable the higher the

Our ProWarm<sup>™</sup> 2mm Loose Cables are ideal for small bathrooms with awkward fixed objects to work around such as curved shower trays, toilets and basins.

Anything under 3m2 is normally suited to a loose wire system where there is furniture or sanitary ware in situ. The cable comes as one long continuous roll on a drum, which should be spaced out evenly over the floor. The benefit of it being loose means it can be adjusted to suit any awkward areas.

Must be protected via an RCD

#### Floor Type Suitability







\*Provided cable is covered in a minimum of 10mm self levelling

# Features & benefits

- Retro fit over existing floors
- Easy to install
- Ideal for small irregular shape rooms
- Minimal effect in floor height
- Even heat distribution

Cable spacing will affect power options for different scenarios i.e. tile warming or primary heating.



150 watt









Scan QR code to watch this installation video giving you step-by-step guidance for a



ProWarm™ electric underfloor heating systems include a CableSafe Guarantee. Should you cut the cable on installation, a replacement will be supplied free of charge. See T&Cs at www.prowarm.com

- Space at 10cm apart for output of 100w/m2 Tile warming and secondary heating.
- Space at 6.5cm apart for output of 150w/m2 Suitable primary heating source for most areas.
- Space at 5cm apart for output of 200w/m2 Conservatories and high heat loss areas.

100147 150w Loose Cable - Covers 0.75r	2
100147 150w Loose Cable - Covers 0.75r	1-
100093 150w Loose Cable - Covers 0.9m	
100043 150w Loose Cable - Covers 1.1m	
100156 150w Loose Cable - Covers 1.5m	
100030 150w Loose Cable - Covers 1.9m	
100042 150w Loose Cable - Covers 2.3m	!
100083 150w Loose Cable - Covers 2.7m	
100038 150w Loose Cable - Covers 3.2m	!
100040 150w Loose Cable - Covers 3.7m	
100035 150w Loose Cable - Covers 4.2m	!

Product code	Description
100137	150w Loose Cable - Covers 4.6m <sup>2</sup>
100127	150w Loose Cable - Covers 5m <sup>2</sup>
100126	150w Loose Cable - Covers 5.4m <sup>2</sup>
100121	150w Loose Cable - Covers 6m <sup>2</sup>
100130	150w Loose Cable - Covers 6.9m <sup>2</sup>
100141	150w Loose Cable - Covers 7.6m <sup>2</sup>
100133	150w Loose Cable - Covers 8.3m <sup>2</sup>
100140	150w Loose Cable - Covers 9.6m <sup>2</sup>
100109	150w Loose Cable - Covers 10.6m <sup>2</sup>
100057	150w Loose Cable - Covers 12m <sup>2</sup>

- It is best to order slightly less than you need than have too much cable as the cables CAN NOT be cut or shortened in any way.
- Loose cable systems are the ideal solution for those complicated floor areas where a mat is not suitable. Systems are rated at 10w per linear metre, this means the closer you space the cable the higher the output. Cables are 10w per linear metre.

Product code	Description
458166	ProWarm Kit Accessories - Covers up to 6m <sup>2</sup>
248196	ProWarm Kit Accessories - Covers up to 12m <sup>2</sup>





Planning a wetroom? Check out our ProWarm™ Wetroom range of 30mm trays and drains.

See page 48

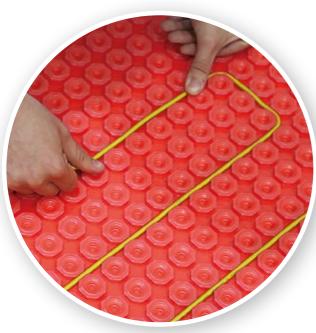


Please select a preferred thermostat option from page 49 for electric Underfloor heating installs.

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# 

# **FASY FIT PRE-SPACED** LOOSE CABLE SYSTEM





GUARANTE

- Anti-fracture decoupling matting
- Quick and easy to install
- Pre-spaced grid system, ideal for multiple heat outputs
- Easy to cut in awkward areas





# ProGrid+

Product code

479798

479894

479800

479808

479862

479870

479853

479850

479876 479858

479867

479869 479856

479854

479877

479873

479895

479881

The ProWarm™ ProGrid+ matting and cable system is designed to make the installation of loose laid electric underfloor heating cable more efficient and less time consuming. The pre-spaced matting grid makes the installation easy and quick.

Flooring

Flexible adhesive

Levelling compound (optional - for tiles)

ProGrid+ Loose cable

ProGrid+ Matting

Flexible adhesive

**Insulated Subfloor** 

The innovate grid system allows for the cable to be placed within the grooves and the pre-spaced design enables the user to install with the desired heat output per m2 without any additional need for tape or fixings.

The ProGrid+ matting acts as housing for the cable and a decoupling membrane which prevents reflective cracking caused by shrinkage cracks, board joints and lateral movement

Description

150w ProGrid+ Cable - Covers 1m<sup>2</sup>

150w ProGrid+ Cable - Covers 1.5m<sup>2</sup>

150w ProGrid+ Cable - Covers 2.5m<sup>2</sup>

150w ProGrid+ Cable - Covers 3.5m<sup>2</sup>

150w ProGrid+ Cable - Covers 4m<sup>2</sup>

150w ProGrid+ Cable - Covers 5m<sup>2</sup>

150w ProGrid+ Cable - Covers 6m<sup>2</sup>

150w ProGrid+ Cable - Covers 7m<sup>2</sup> 150w ProGrid+ Cable - Covers 8m2

150w ProGrid+ Cable - Covers 9m<sup>2</sup>

150w ProGrid+ Cable - Covers 10m<sup>2</sup>

150w ProGrid+ Cable - Covers 12m<sup>2</sup>

150w ProGrid+ Cable - Covers 14m<sup>2</sup>

150w ProGrid+ Cable - Covers 16m<sup>2</sup>

ProGrid+ Matting - 1m<sup>2</sup> Sheet

150w ProGrid+ Cable - Covers 4.5m<sup>2</sup>

150w ProGrid+ Cable - Covers 2m<sup>2</sup>

150w ProGrid+ Cable - Covers 3m<sup>2</sup>

ProWarm™ Electric Underfloor Heating cable kits provide a reliable and effective underfloor heating system that can work with tiles and many other floor coverings (installation methods differ, please call us for advice)

Must be protected via an RCD

# Features & benefits

Pre-space grid system

Quick & easy to install

Retro fit over existing floors

Ideal for irregular shaped rooms

Even heat distribution

Decoupling membrane floor protection

# Floor Type Suitability







\*Provided cable is covered in a minimum of 10mm self levelling



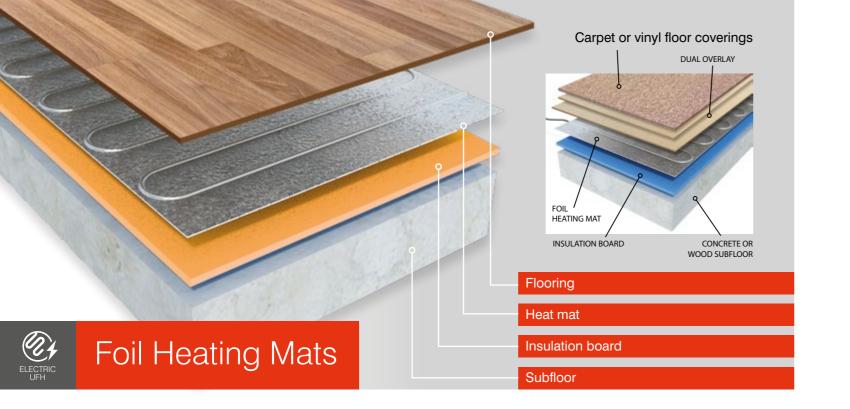
Please select a preferred thermostat option from page 49 for electric Underfloor heating installs.

No specialist tools required

	proGrid+ UNDERFLOOR HEATING LOOSE CABLE
Proc. House of Lands Cases	

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Technical support & advice



With the huge increase in popularity, wooden floors are fast becoming the biggest selling type of flooring in the UK, but they sometimes seem cold or uninviting. Thanks to our system, this is no longer the case.

Our superior range of ProWarm™ state-of-the art foil heating mats are for use beneath laminate/engineered and most floating hardwood floors. These heating mats must be used in conjunction with our XPS insulation boards instead of standard underlay, designed to produce a heat output of 140w per m2.

Our aluminium foil mats are all designed to be cut and turned on site to fit the shape of your room.

# Floor Type Suitability





\*MUST be used with Heat-Pak dual overlay

Wood Floors



TOP



Please select a preferred thermostat

option from page 49 for electric

Underfloor heating installs.

Carpet / Vinyl



Scan QR code to watch this installation video giving you step-by-step guidance for a successful installation.



system MUST be used with carpet or vinyl floor coverings

# Features & benefits

- Retro fit over existing floors
- Easy to install
- Ideal for large regular shape rooms
- Minimal effect in floor height
- Even heat distribution

Power output



140 watt

A Dual overlay Heat-Pak

Designed for use with engineered, laminate and most solid wood floating floors.

Either 1 or 2 Electric 230v underfloor heating mats depending on size of kit, all mats are 500mm wide and are rated at 140w per m2.

It is best to order slightly less than you need than have too much mat as the cables CAN NOT be cut or shortened in any way.

Product code	Description
100150	140w Underwood 1m <sup>2</sup> mat
100149	140w Underwood 1.5m <sup>2</sup> mat
492045	140w Underwood 2m <sup>2</sup> mat
100152	140w Underwood 2.5m <sup>2</sup> mat
880197	140w Underwood 3m <sup>2</sup> mat
100157	140w Underwood 3.5m <sup>2</sup> mat
100155	140w Underwood 4m <sup>2</sup> mat
100151	140w Underwood 4.5m <sup>2</sup> mat

Product code	Description
880605	140w Underwood 5m <sup>2</sup> mat
100148	140w Underwood 6m <sup>2</sup> mat
880724	140w Underwood 7m <sup>2</sup> mat
880727	140w Underwood 8m <sup>2</sup> mat
880728	140w Underwood 9m <sup>2</sup> mat
298681	140w Underwood 10m <sup>2</sup> mat
100153	140w Underwood 11m <sup>2</sup> mat
298685	140w Underwood 12m <sup>2</sup> mat



✓ ULTRA THIN CABLE
✓ ONLY 2MM THICK
✓ MINIMUM FLOOR HEIGHT
✓ PEACE OF MIND WARRANTY

Heat-Pak Dual Overlay - Covers 2.8m<sup>2</sup>

Product code

479878

Description





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# Insulation

# **Backer-Pro**

Our ProWarm™ Premium Backer-Pro boards are the professional choice for use with our under tile heating cables and mats (not suitable for our underwood systems).

Various thickness sizes available:

Dimensions:













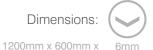
Product code	Description
206046	6mm TileBacker-Pro Insulation Board (1200mm x 600mm x 6mm)
206002	10mm TileBacker-Pro Insulation Board (1200mm x 600mm x 10mm)
479896	12.5mm TileBacker-Pro Insulation Board (1200mm x 600mm x 12.5mm)
479882	20mm TileBacker-Pro Insulation Board (1200mm x 600mm x 20mm)
479866	30mmTileBacker-Pro Insulation Board (1200mm x 600mm x 30mm)
479865	50mm TileBacker-Pro Insulation Board (1200mm x 600mm x 50mm)

# XP-PRO

Our ProWarm™ XP-PRO Premium boards are the professional choice for use under tile heating cables, mats and underwood systems, offering a balance between cost and durability.

Various thickness sizes available:

Dimensions:



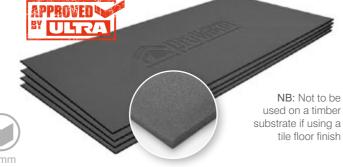












NB: Not to be

tile floor finish

Product code	Description
206108	6mm XP-PRO Insulation Board (1200mm x 600mm x 6mm)
206061	10mm XP-PRO Insulation Board (1200mm x 600mm x 10mm)
479874	20mm XP-PRO Insulation Board (1200mm x 600mm x 20mm)
479891	30mm XP-PRO Insulation Board (1200mm x 600mm x 30mm)
479812	50mm XP-PRO Insulation Board (1200mm x 600mm x 50mm)

# **ProFoam**

Our economy insulation board is specifically designed for use with our underwood heating and carpet heating mat systems, it can also be used as a wooden floor underlay.

One size available:

Dimensions:





Product code	Description
XPSSTANDARD10	ProFoam EPS Underlay Insulation Board (20 Pack - Covers 10m²)



# Temperature Controls



- **Energy Saving Optimum Start**
- Touch Key Design
- Cool White Back Light
- **Key Lock Function**
- Holiday Programming
- Air & Floor Temperature Sensors
- Lifetime Warranty





- **Dual Temperature Control**
- Programmable Large Screen
- Professional Design
- Lifetime Warranty





- WiFi Control
- Double Temperature Control
- Programmable
- Large Screen
- Professional Design
- Lifetime Warranty



Product code	Description
493231	ProDigital Thermostat - White
479879	ProTouch Thermostat - White
479887	ProTouch Thermostat - Black
405454	ProTouch-E WiFi Smart Thermostat - White
405476	ProTouch-E WiFi Smart Thermostat - Black



Technical support & advice **©** 01268 567019

# Wetroom Shower trays



# 30mm Wetroom Shower Trays

ProWarm™ Wet Room Shower Tray is the perfect shower tray to install in a new wet room.

The wet room tray is lightweight, and can be cut easily using a fine tooth hand saw, the tray is designed to accept most tiles including porcelain, stone and ceramic tiles.

These wet room trays are not suitable for use with Vinyl or Altro resin floor coverings.

Suitable for Underfloor Heating

**Best Thermal Properties** 

Glass fibre reinforcement

Lightweight XPS construction

Can be trimmed easily

10 Year Warranty

Suitable for tiles only NOT vinyl

Available drain options

Perfect for all wetrooms



Horizontal Drain Standard



Horizontal Drain Stainless Steel Grate



Horizontal Drain Tileable cover



Linear Drain Stainless Steel



Linear Drain Tileable cover





installation video giving you step-by-step guidance for a successful installation.

Product code	Description
206127	Centre drain wet room shower tray (800 x 800 x 30mm)
206091	Centre drain wet room shower tray (900 x 900 x 30mm)
206088	Centre drain wet room shower tray (1000 x 1000 x 30mm)
206086	Centre drain wet room shower tray (1200 x 1200 x 30mm)
206084	Centre drain wet room shower tray (1200 x 900 x 30mm)
205960	Centre drain wet room shower tray (1500 x 800 x 30mm)
206026	Centre drain wet room shower tray (1600 x 900 x 30mm)
206119	Centre drain wet room shower tray (1850 x 900 x 30mm)
205995	Corner drain wet room shower tray (800 x 800 x 30mm)
206094	Corner drain wet room shower tray (900 x 900 x 30mm)
206116	Corner drain wet room shower tray (1000 x 1000 x 30mm)
206097	Corner drain wet room shower tray (1200 x 1200 x 30mm)
206006	End drain wet room shower tray (1200 x 900 x 30mm)
206047	End drain wet room shower tray (1500 x 800 x 30mm)
206037	End drain wet room shower tray (1600 x 900 x 30mm)
206138	Linear Centre drain wet room shower tray (900 x 900 x 30mm)
206115	Linear Centre drain wet room shower tray (1200 x 900 x 30mm)
206122	Linear Centre drain wet room shower tray (1400 x 900 x 30mm)
206132	Linear Centre drain wet room shower tray (1600 x 900 x 30mm)
206022	Linear End drain wet room shower tray (900 x 900 x 30mm)
206067	Linear End drain wet room shower tray (1200 x 900 x 30mm)
206099	Linear End drain wet room shower tray (1400 x 900 x 30mm)
206125	Linear End drain wet room shower tray (1600 x 900 x 30mm)
206090	Horizontal Drain With Standard Cover
206107	Horizontal Drain With Stainless Steel Cover
205951	Horizontal Drain With Tileable Cover
206083	Linear Drain With Stainless Steel Cover
206081	Linear Drain With Tileable Cover
206105	Wet Room Installation Kit
206245	Waterproof Tape (5m)
206225	Waterproof Tape (10m)
206247	Waterproof External Corner
206230	Waterproof Internal Corner
206063	Tape Sealing Compound (0.5L)
205991	Tape Sealing Compound (1L)









# Installation Kit

2 x Internal Corners

Tape sealing compound 0.5L

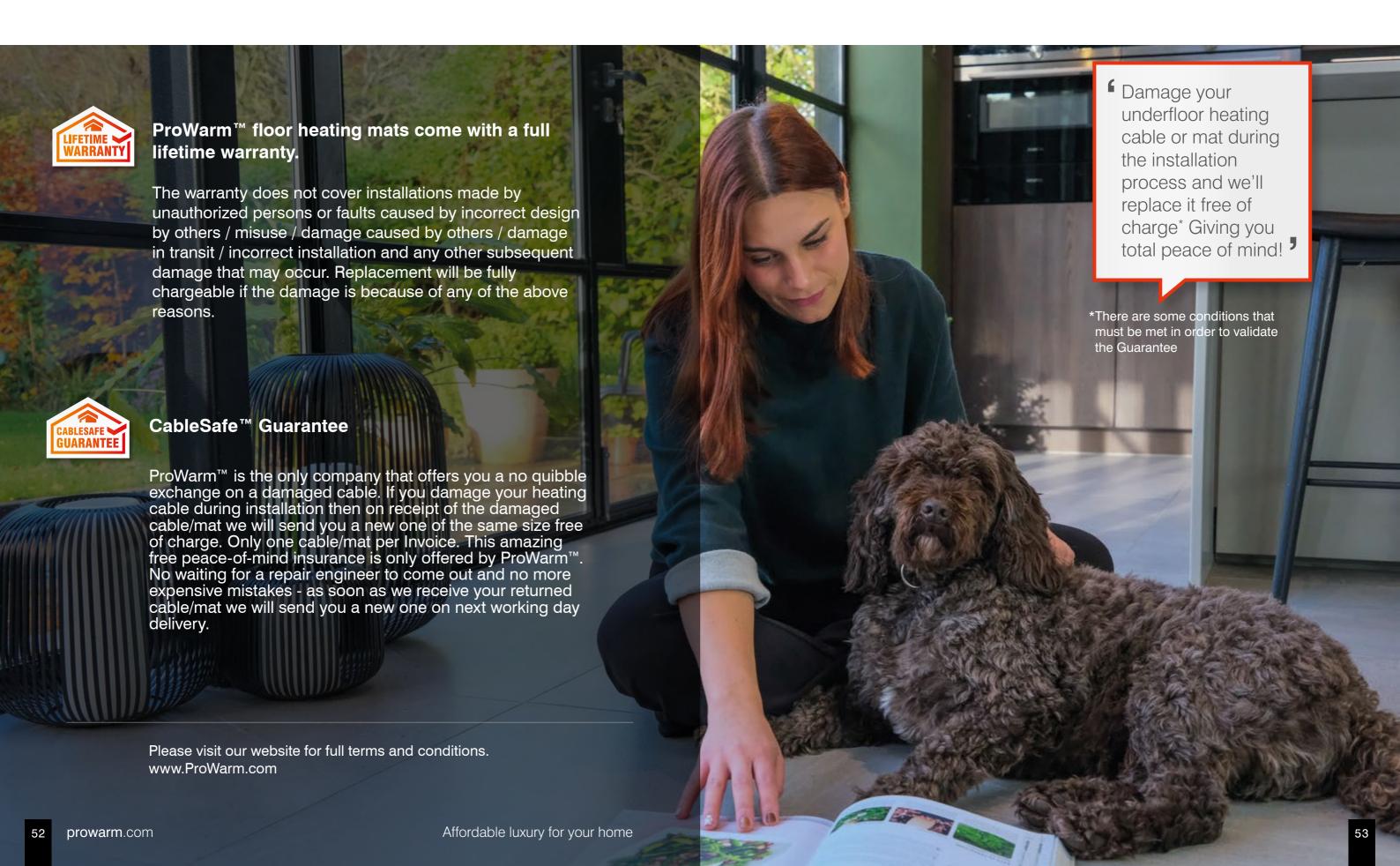
5kg KST flexible tile adhesive Wood floor Primer
Paint Brush

✓ Notched Trowel Nylon Gloves

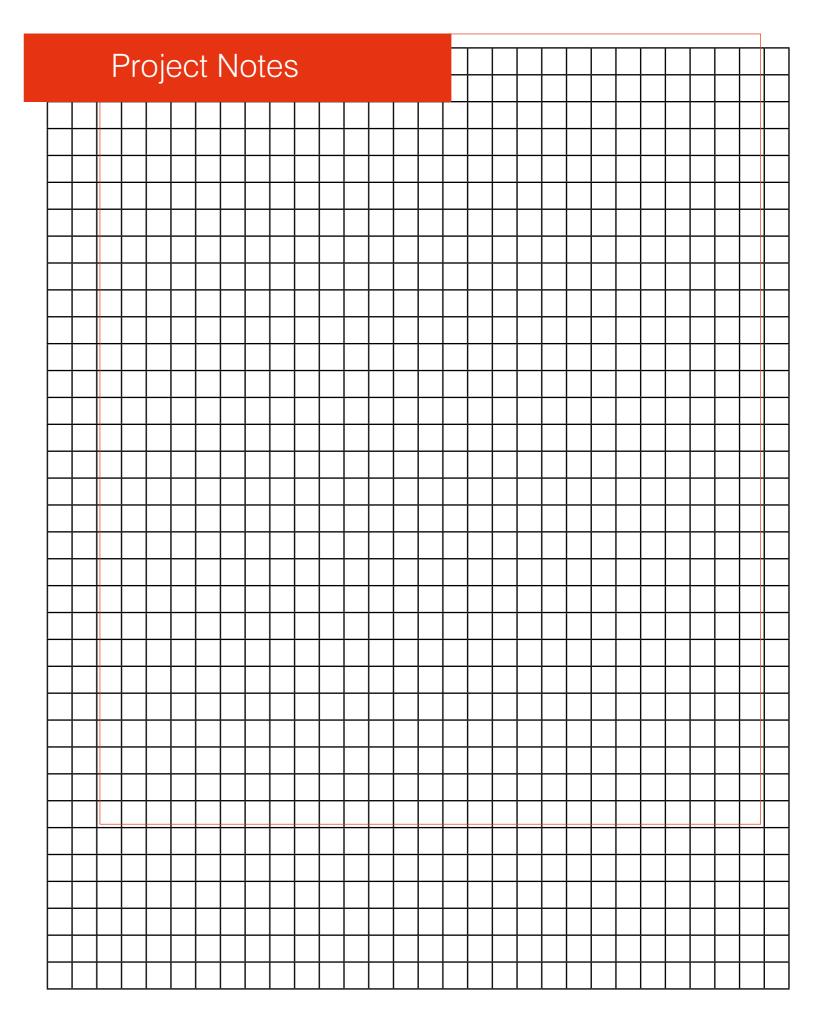
Supplied in a plastic bucket which can be used for mixing

# Total peace of mind...





# Project Notes



prowarm.com

# Why use ProWarm™

If you're looking for high-quality underfloor heating systems in the UK, ProWarm™ is the top choice. Our technologically advanced products are among the best on the market, and we're proud to offer a Lifetime Warranty on all of our electric systems.

At ProWarm<sup>™</sup>, we're committed to manufacturing products that meet the highest standards, ensuring durability and reliability for our customers. Plus, our dedicated technical team is always available to provide expert advice and answer any questions you may have. With ProWarm<sup>™</sup>, you can enjoy total peace of mind knowing that you're investing in a reliable and trusted brand.





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