



TEKGROUP

Underfloor Heating Boards

PRODUCT BROCHURE



INNOVATE | MANUFACTURE | STOCK | DELIVER



WELCOME TO THE TEKGROUP

Your specialist solutions provider.

At TekGroup the success of our customers projects is our number one priority, which is why we have built our business around the needs of our customers, and the challenges they face.

We specialise in Insulation & Acoustics, Construction Accessories, Screeds, Render, Underfloor Heating Solutions, Dry Scream, Drylining Solutions and Passive Fire Protection, providing our customers with the best product solutions to suit their projects.

With a large stock holding and an extensive fleet of commercial vehicles, our customers can trust us to deliver exactly what you need, when you need it, 24 hours a day, no matter the site restrictions.

But, it doesn't stop there.

Our customers also have access to our specialist manufacturing service. Creating bespoke product solutions off site to suit the demands of our customers individual sites, saving time, money, and waste.

We are constantly evolving our services and offering to suit the ever-changing needs of our customers and the challenges they face within construction.

So, if you have a problem, challenge us to find the solution.

OUR PROMISE TO OUR CUSTOMERS

Without our customers, TekGroup wouldn't be where we are today, and that's why we put our customers at the heart of everything we do.

We know that construction can be a complicated business, that's why at TekGroup, we keep things simple by talking the language of our customers. It's in our nature to be open, down-to-earth and helpful, and we want our customers to see us as an extension of their business. Our specialist sales teams have years of experience in the construction world and their industry know-how is hard earned. So, if you have a problem, we are ready to find a solution.



WE HAVE OUR OWN
FLEET **45**
OF OVER
VEHICLES
MANY WITH OFFLOAD



>200
THOUSAND
SQUARE FOOT OF
WAREHOUSE



NATIONWIDE
DELIVERY ON
1,000's
PRODUCTS
EVERY DAY



TEKGROUP MANUFACTURING

At TekGroup, we strive to make our customers lives easier... **That's why we have developed our manufacturing service.**

We have a range of specialist machinery and the technical experts to continuously develop high performing innovative products that can reach and exceed standards and regulations across the construction industry.

Our expert manufacturing team specialise in lamination, routing and cutting a wide range of thermal and acoustic insulation products for a variety of construction applications.

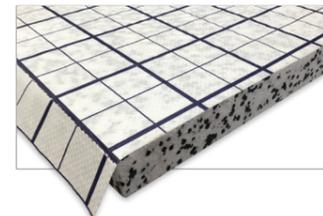
TEKWARM

TEKWARM is our range of Premium Performance Insulation Products.

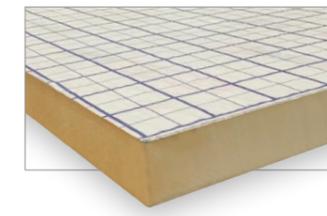
As underfloor heating becomes more popular, TekGroup are evolving to develop more solutions to allow for faster and more efficient installation of the underfloor heating pipes.

We work to our customers specifications to create the best possible solution for their projects.

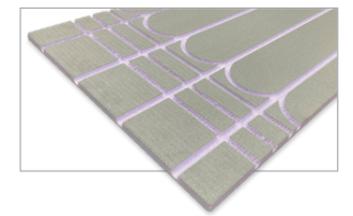
OUR TEKWARM UNDERFLOOR HEATING RANGE...



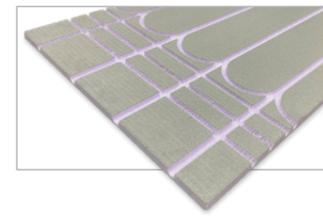
GRIDBOARD EPS
Page 6



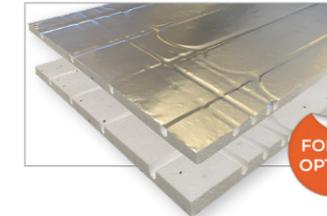
GRIDBOARD PIR
Page 8



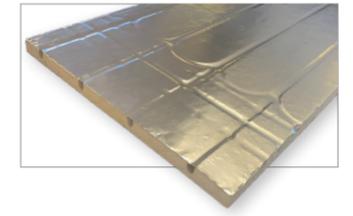
LITE LP UFH BOARD
Page 10



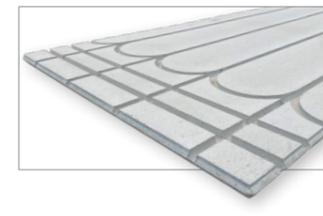
LITE ULTRA-LP UFH BOARD
Page 12



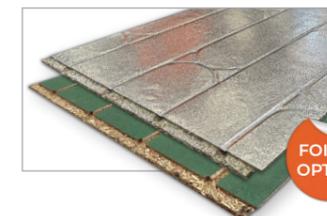
EPS UFH BOARD
Page 14



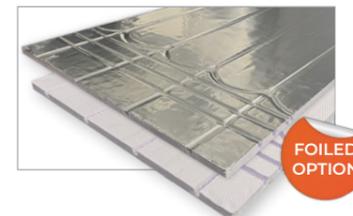
FOILED CR 400 KPA UFH BOARD
Page 16



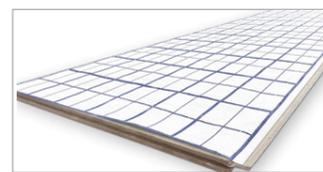
GYPSSHEET-R UFH BOARD
Page 18



CHIP-UFH BOARD
Page 20



XPS-R UFH BOARD
Page 22



WF SUSTAIN UFH BOARD
Page 24



OVERLAY MR-MDF BOARD
Page 26



TEKWARM

GRIDBOARD EPS

Lightweight EPS insulation with laminated grid.



Tekwarm Gridboard EPS is made up of lightweight Expanded Polystyrene insulation available in 70, 100, 150 and 200 grades, with a laminated grided layer to allow for the accurate placement of UFH pipes with enhanced pipe clip retention.

Tekwarm Gridboard is manufactured from CFC and HCFC free EPS with a laminated layer of polypropylene sheet with 50mm gridded squares for systematic pipe placement. A lapped detail to one side and one edge allows for defined joint sealing when used in conjunction with Tekwarm Cloth Tape for flowing screed applications.

The panel size is 2400mm x 1200mm and boards are available in a range of thicknesses starting at 15mm, in 5mm increments.

KEY FEATURES

- ✓ Lapped detail on two sides allowing for defined joint sealing
- ✓ Woven grid gives enhanced pipe clip retention
- ✓ Available in a range of insulation grades to suit project specifications
- ✓ Can be used with all screed types

INSTALLATION

Tekwarm Gridboards allow for a speedy installation over a solid ground floor on a suitable DPM. The boards are also suitable for use over other substrates when installed in a fully supported application, with a DPM as necessary.

SUITABLE FOR

Tekwarm Gridboard UFH Board is suitable for use in new build or retro fit installations.

DURABILITY

Tekwarm Gridboard UFH Board is designed to last for the life of the building without any loss in thermal performance and is rot proof and will not promote the growth of mould or fungi.

ENVIRONMENTAL

Tekwarm Gridboard UFH Board Expanded Polystyrene has a Global Warming Potential (GWP) of zero and a low O-Zone Depletion Potential (ODP). Our Expanded Polystyrene is 100% recyclable.

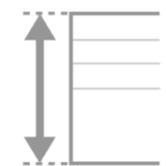
In addition to our standard sizes, we can also cut the boards to suit any project.

So if you have a bespoke specification, get in touch and we will work with you to provide the perfect solution.



FAST PIPE INSTALLATION

50mm grid lines allows for faster and more accurate pipe laying.



FLEXIBLE SIZES

Available in a range of thicknesses starting at just 15mm for ultimate flexibility



ENVIRONMENTALLY FRIENDLY

Not only does Gridboard EPS have Zero GWP and low OPD, the EPS is also 100% recyclable.



TEKWARM

GRIDBOARD PIR

Lightweight PIR insulation with laminated grid.



Lightweight PIR insulation with a laminated gridded layer to allow for the accurate placement of UFH pipes with enhanced pipe clip retention.

Tekwarm Gridboard PIR is manufactured from a CFC and HCFC free PIR core with a laminated layer of polypropylene sheet. A lapped detail to one side and one edge allows for defined joint sealing, when used in conjunction with Tekwarm Cloth Tape for flowing screed applications.

The panel size is 2400mm x 1200mm and boards are available in a range of thicknesses starting at 20mm.

KEY FEATURES

- ✓ Lapped detail on two sides allowing for defined joint sealing
- ✓ Woven grid gives enhanced pipe clip retention
- ✓ Can be used with all screed types
- ✓ High performance PIR core offering enhanced performance

INSTALLATION

Tekwarm Gridboard PIR allows for a speedy installation, normally over concrete slab on a ground floor type installation with a suitable DPM. The boards can be used over other substrates when installed in a fully supported application with a DPM as necessary.

SUITABLE FOR

Tekwarm Gridboard PIR is suitable for use in new build or retro fit installations.

DURABILITY

Tekwarm Gridboard PIR is designed to last for the life of the building without any loss in thermal performance, and is rot proof and will not promote the growth of mould or fungi.

ENVIRONMENTAL

Tekwarm Gridboard PIR has a Global Warming Potential (GWP) of zero and a low Ozone Depletion Potential (ODP).

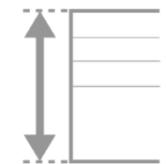
In addition to our standard sizes, we can also cut the boards to suit any project.

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FAST PIPE INSTALLATION

50mm grid lines allows for faster and more accurate pipe laying.



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ENVIRONMENTALLY FRIENDLY

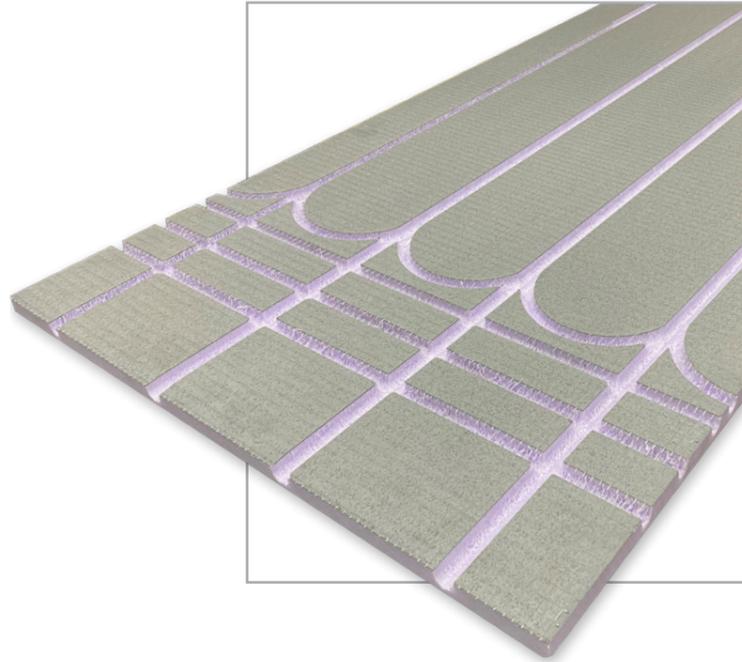
Gridboard PIR has zero GWP and low OPD.



TEKWARM

LITE LP UFH BOARD

A low-profile insulated under floor heating board.



Tekwarm Lite LP UFH Boards are high compressive strength 200 kpa XPS underfloor heating insulation boards, ideally suited for low profile systems.

They have durable cement coatings on either face that are suitable for the direct application of tiles or wood flooring (on underlay).

The board size is 1200mm x 600mm x 20mm, being grooved on one face as required to suit either 12 or 16mm diameter underfloor heating pipes, with radius returns as standard.

Other routed pipe layouts and patterns are available.

KEY FEATURES

- ✓ High compressive strength 200 kPa
- ✓ Made to suit either 12mm or 16mm diameter pipes
- ✓ Extruded polystyrene core with coating to accept direct tiling

INSTALLATION

Tekwarm Lite LP UFH Boards make for a speedy installation over a flat level sub floor. The boards can be used over other substrates when installed in a fully supported application with a DPM as necessary.

TIMBER BASE

For applications onto timber the panels should always be fixed with Tekwarm mechanical fixings and washers.

Fixings should be of a suitable length for application.

CONCRETE BASE

Tekwarm boards laid directly onto concrete should be adhered with a bed of combed tile adhesive (S1 or equivalent).

On occasions mechanical fixings will also be required dependant on substrate.

FINISHING

For most applications an additional board is not required and flooring can be laid directly to the upper surface.

Wood flooring products should be applied using a suitable underlay as per manufactures instructions. Flooring grade tiles can be laid on a suitable combed tile adhesive layer.

Other finishes will require a separating layer of Tekwarm Construction Board prior to their installation.

SUITABLE FOR

Tekwarm Lite LP UFH Board is suitable for new build or retro fit installations, and the standard pattern board is normally available from stock.

In addition to our standard sizes, we can also cut the boards to suit any project.

So if you have a bespoke specification, get in touch and we will work with you to provide the perfect solution.



LOW PROFILE

At just 20mm in thickness, Lite LP UFH Board is ideal for when a low profile system is required.



LIGHTWEIGHT

Boards weight as little as 3-6kg/m² making them easy to transport and move around site.



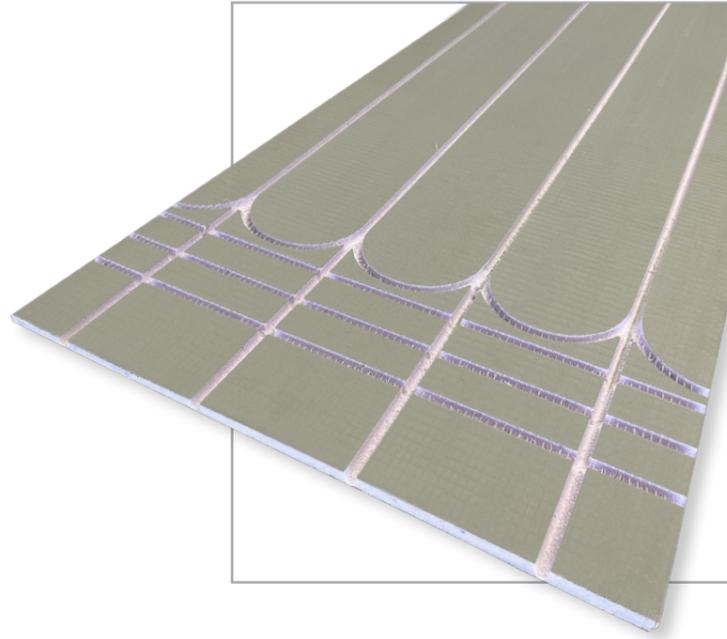
FAST FINISHING

Can be covered straight after installation and tiled directly on to.



TEKWARM

LITE ULTRA-LP UFH BOARD



An ultra low-profile insulated under floor heating board.

Tekwarm Lite LP UFH Boards are high compressive strength 200 kpa XPS underfloor heating insulation boards, ideally suited for low profile systems.

They have durable cement coatings on either face that are suitable for the direct application of tiles or wood flooring (on underlay).

The board size is 1200mm x 600mm x 12.5mm, being grooved on one face as required to suit 10mm diameter underfloor heating pipes, with radius returns as standard.

Other routed pipe layouts and patterns are available.

KEY FEATURES

- ✓ High compressive strength 200 kPa
- ✓ Lowest profile routed UFH Board in our range
- ✓ Routed to suite 10mm pipes

INSTALLATION

Tekwarm Ultra-Lite LP UFH Boards make for a speedy installation over a flat level sub floor. The boards can be used over other substrates when installed in a fully supported application with a DPM as necessary.

TIMBER BASE

For applications onto timber the panels should always be fixed with Tekwarm mechanical fixings and washers. Fixings should be of a suitable length for application.

CONCRETE BASE

Tekwarm boards laid directly onto concrete should be adhered with a bed of combed tile adhesive (S1 or equivalent).

On occasions mechanical fixings will also be required dependant on substrate.

FINISHING

For most applications an additional board is not required and flooring can be laid directly to the upper surface.

Wood flooring products should be applied using a suitable underlay as per manufactures instructions. Flooring grade tiles can be laid on a suitable combed tile adhesive layer.

Other finishes will require a separating layer of Tekwarm Construction Board prior to their installation.

SUITABLE FOR

Tekwarm Ultra-Lite LP UFH Board is suitable for new build or retro fit installations, and the standard pattern board is normally available from stock.

In addition to our standard sizes, we can also cut the boards to suit any project.

So if you have a bespoke specification, get in touch and we will work with you to provide the perfect solution.



ULTRA LOW PROFILE

At just 12.5mm in thickness, Lite Ultra-LP UFH Board is ideal for when a super low profile system is required.



LIGHTWEIGHT

Boards weight as little as 2-5kg/m² making them easy to transport and move around site.



FAST FINISHING

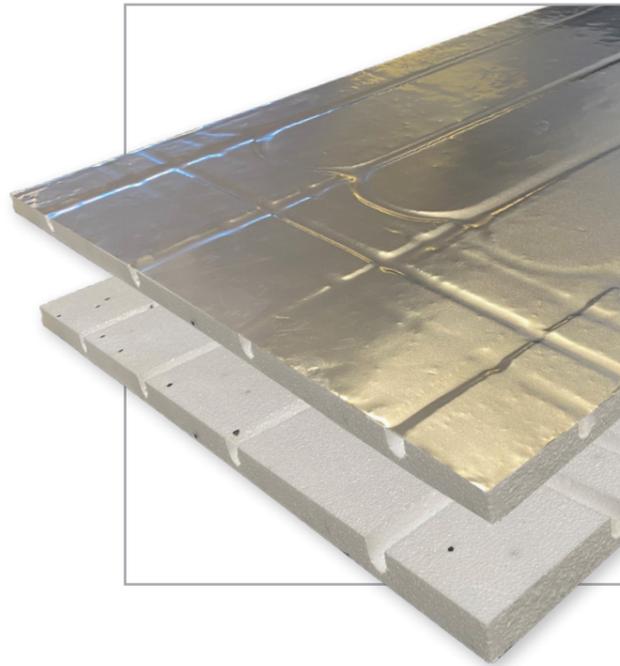
Can be covered straight after installation and tiled directly on to.



TEKWARM

EPS UFH BOARD

Lightweight EPS insulation routed on one side, available in standard and foil faced.



This routed lightweight Expanded Polystyrene insulation available is in 70, 100, 150 and 200 grades, giving you maximum flexibility.

Tekwarm EPS UFH Board is manufactured from CFC and HCFC free EPS, grooved on one face as required to suit either 12 or 16mm diameter underfloor heating pipes, with radius returns as standard.

The panel size is 1200mm x 1200mm and boards are available in a range of thicknesses starting at 15mm.

Other routed pipe layouts and patterns are available.

KEY FEATURES

- ✓ Extremely cost effective solution
- ✓ Can be used under screeds, chipboard, in heated slabs and below suspended slabs.
- ✓ Lightweight and easy to cut - no specialist equipment needed
- ✓ Maintains its thermal efficiency throughout the life of a building

INSTALLATION

Tekwarm EPS UFH Board allow for a speedy installation over a solid ground floor on a suitable DPM. The boards are also suitable for use over other substrates when installed in a fully supported application, with a DPM as necessary.

SUITABLE FOR

Tekwarm EPS UFH Board is suitable for use in new build or retro fit installations.

DURABILITY

Tekwarm EPS UFH Board is designed to last for the life of the building without any loss in thermal performance and is rot proof and will not promote the growth of mould or fungi.

ENVIRONMENTAL

Tekwarm EPS UFH Board Expanded Polystyrene has a Global Warming Potential (GWP) of zero and a low O-Zone Depletion Potential (ODP). Our Expanded Polystyrene is 100% recyclable.

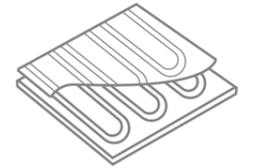
In addition to our standard sizes, we can also cut the boards to suit any project.

So if you have a bespoke specification, get in touch and we will work with you to provide the perfect solution.



LONG LIFESPAN

Durable and rot proof, it will remain effective for the life of any application with over a 100-year life cycle.



FOIL FACED OPTION AVAILABLE

For extra thermal performance, EPS UFH Board can be supplied with a foil face.



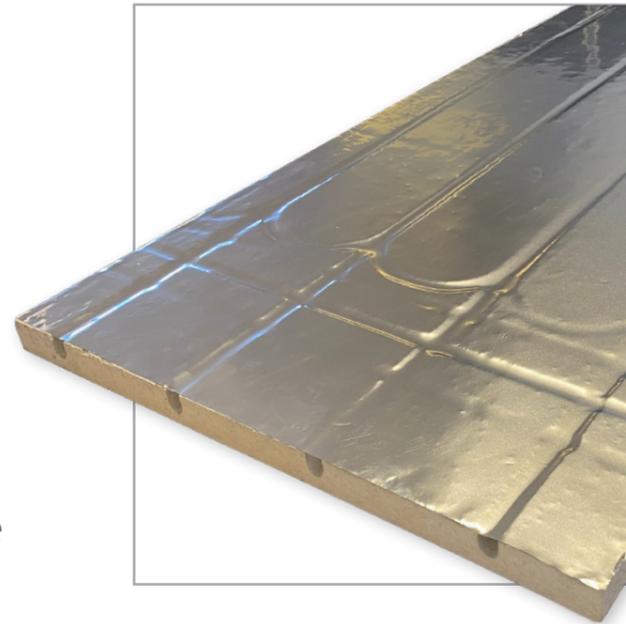
ENVIRONMENTALLY FRIENDLY

Not only does EPS have Zero GWP and low OPD, it is also 100% recyclable.



TEKWARM

FOILED CR 400 KPA UFH BOARD



Lightweight 400 KPA grade Expanded Polystyrene insulation routed on one side to allow for fast and accurate pipe installation.

Tekwarm Foiled CR 400 KPA UFH Board uses 400 grade EPS with a high compressive strength.

Tekwarm EPS UFH Board is manufactured from CFC and HCFC free EPS, grooved on one face as required at 150mm or 200mm centres, to suit 16mm diameter underfloor heating pipes, with radius returns as standard.

The panel size is 1200mm x 600mm and boards are available in a range of thicknesses starting at 20mm.

Other routed pipe layouts and patterns are available, further details upon request.

KEY FEATURES

- ✓ 400 grade EPS
- ✓ Extremely cost effective solution
- ✓ Can be used under screeds, chipboard, in heated slabs and below suspended slabs.
- ✓ Lightweight and easy to cut - no specialist equipment needed
- ✓ Maintains its thermal efficiency throughout the life of a building

INSTALLATION

Tekwarm Foiled CR 400 KPA UFH Boards allow for a speedy installation over a solid ground floor on a suitable DPM. The boards are also suitable for use over other substrates when installed in a fully supported application, with a DPM as necessary.

SUITABLE FOR

Tekwarm Foiled CR 400 KPA UFH Board is suitable for use in new build or retro fit installations.

DURABILITY

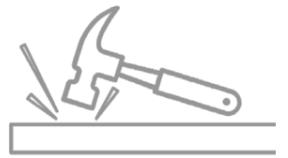
Tekwarm Foiled CR 400 KPA UFH Boards are designed to last for the life of the building without any loss in thermal performance and is rot proof and will not promote the growth of mould or fungi.

ENVIRONMENTAL

Tekwarm Foiled CR 400 KPA UFH Boards (insulation only) has a Global Warming Potential (GWP) of zero, and a low O-Zone Depletion Potential (ODP).

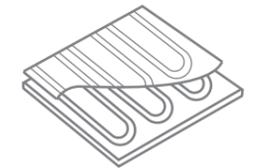
In addition to our standard sizes, we can also cut the boards to suit any project.

So if you have a bespoke specification, get in touch and we will work with you to provide the perfect solution.



HIGH COMPRESSION RESISTANCE

Provides superior impact resistance.



TFF (TOP FOIL FACED) FINISH

Foil is flat and overlays the board without entering the grooves for extra thermal performance.



LONG LIFESPAN

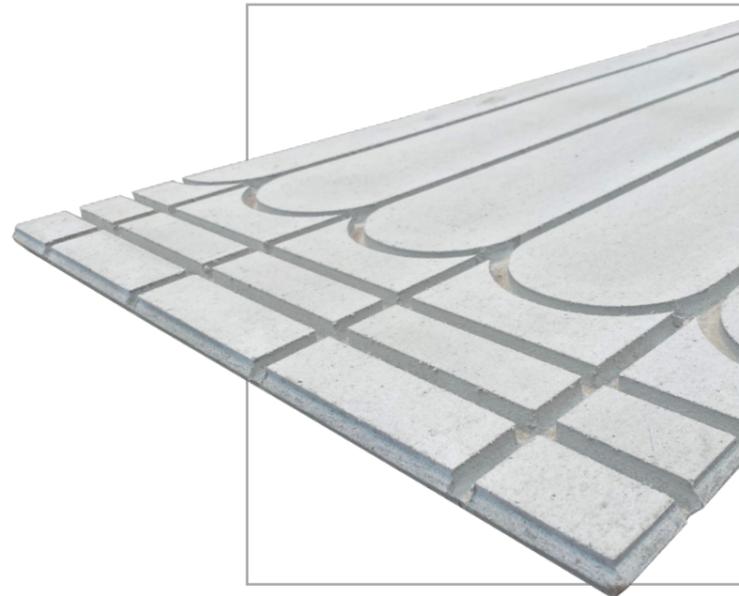
Durable and rot proof, it will remain effective for the life of any application with over a 100-year life cycle.



TEKWARM

GYPSHEET-R UFH BOARD

High density gypsum fibre low profile underfloor heating overlay system.



Our Gypsheet-R boards are highly thermally conductive which allows for an even spread of heat throughout the floor.

The low profile of these boards means that there is minimal impact on floor heights, plus they are suitable for all types of floor finishes.

The board size is 1200mm x 600mm x 18mm, being grooved on one face as required to suit 12mm diameter underfloor heating pipes, with radius returns as standard.

Available in square edge or with a curved interlocking edge detail. The curve-lock boards feature a curved portion on two edges that securely interlocks with a complementary routed section on the other two edges, creating a seamless, gap-free fit.

Other routed pipe layouts and patterns are available.

KEY FEATURES

- ✓ Manufactured from reinforced gypsum
- ✓ Super low profile at just 18mm thickness
- ✓ Due to dry installation, floor finishes can be installed in as little as 24 hours

INSTALLATION

Tekwarm Gypsheet-R UFH Boards can be installed on to a suspended or solid floor construction that is both flat and level, with a DPM as necessary.

TIMBER BASE

For applications onto timber the panels should always be fixed with Tekwarm mechanical fixings and washers.

Fixings should be of a suitable length for application.

CONCRETE BASE

Tekwarm boards laid directly onto concrete should be adhered with a bed of combed tile adhesive (S1 or equivalent).

On occasions mechanical fixings will also be required dependant on substrate.

FINISHING

Solid Wood flooring and laminate products should be applied using a suitable underlay as per manufactures instructions. Flooring grade tiles can be laid on a suitable combed tile adhesive layer.

If finishing with carpet or vinyl, an additional 6mm levelling compound or Tekwarm Construction Board should be laid over the boards to ensure a flat and smooth finish.

SUITABLE FOR

Tekwarm Gypsheet-R Board is suitable for new build or retro fit installations, and the standard pattern board is normally available from stock.

In addition to our standard sizes, we can also cut the boards to suit any project.

So if you have a bespoke specification, get in touch and we will work with you to provide the perfect solution.



FAST PIPE INSTALLATION

Routed to fit either 12 or 16mm diameter underfloor heating pipes.



EASY INSTALLATION

Available with a curved interlocking edge detail.



OPTIMUM ROOM TEMPERATURES

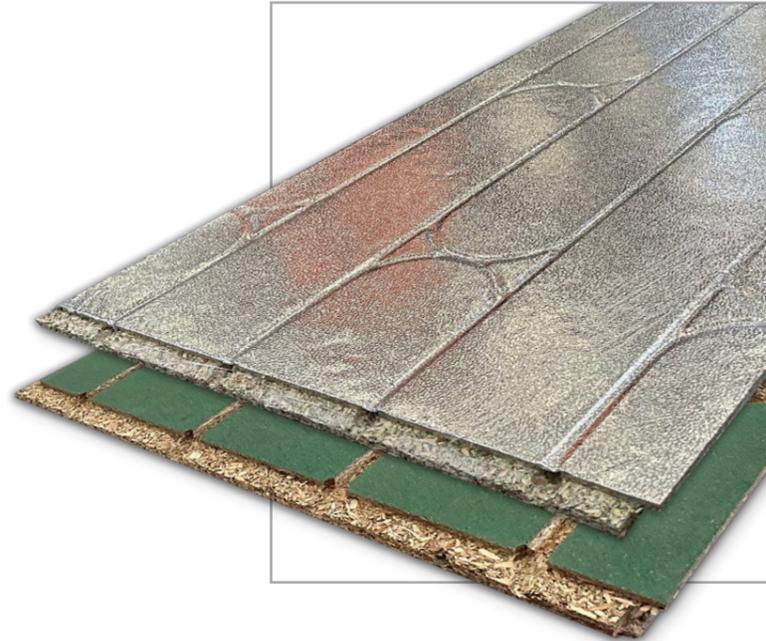
Gypsheet-R quickly and efficiently transfers heat from the underfloor heating pipes.



TEKWARM

CHIP-UFH BOARD

Moisture resistant routed chipboard, available standard, foiled, or bonded to additional thermal or acoustic insulation.



Our Chip-UFH Board is highly conductive which allows for an even spread of heat throughout the floor.

System should be completed with Tekwarm Overlay Board or suitable plywood, further details available on request.

The board size is 2400mm x 600mm x 22mm, being grooved on one face as required to suit 12mm diameter underfloor heating pipes, with radius returns as standard.

Other routed pipe layouts and patterns are available.

KEY FEATURES

- ✓ Floor system specially designed for the installation of underfloor heating system pipes
- ✓ Chipboard panels are tongue and grooved for faster installation
- ✓ Can be supplied with thermal or acoustic insulation bonded to the under side, enhancing performance.

INSTALLATION

Tekwarm Chip-UFH Board is typically installed directly onto floor joists (usually insulated inbetween), utilising standard chipboard screws and joint adhesive.

FINISHING

A Tekwarm Overlay Board or suitable plywood should be applied prior to the application of any floor finishes.

Tekwarm Overlay Board is installed as a floating floor, plywood should be installed using suitable fixings.

Laminates, hardwood flooring and carpets should be applied using a suitable underlay as per manufactures instructions.

SUITABLE FOR

Tekwarm Chip-UFH Board is suitable for new build or retro fit installations, and the standard pattern board is normally available from stock.

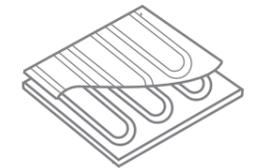
In addition to our standard sizes, we can also cut the boards to suit any project.

So if you have a bespoke specification, get in touch and we will work with you to provide the perfect solution.



LOW FLOOR BUILD UP

Chip-UFH Board is installed directly on to joists allowing for a lower floor build up.



FOIL FACED OPTION AVAILABLE

For extra thermal performance, Chip-UFH Board can be supplied with a foil face.



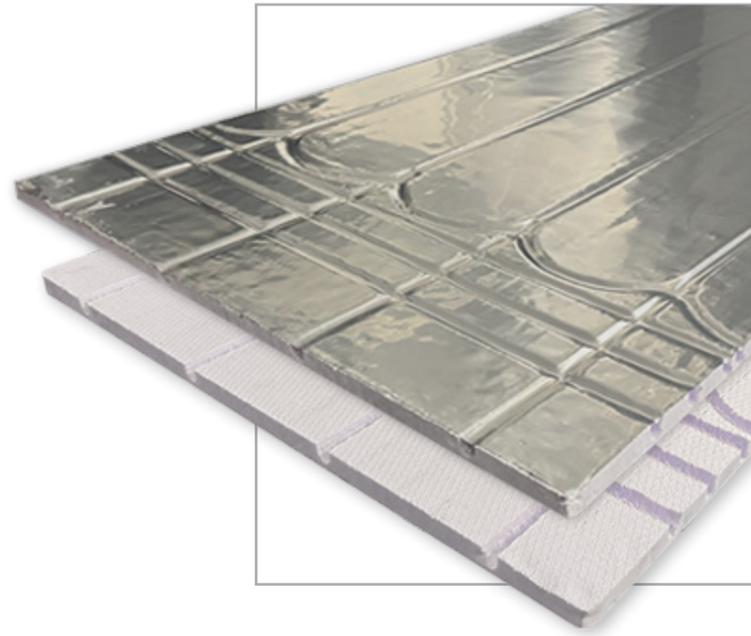
OPTIMUM ROOM TEMPERATURES

Quickly and efficiently transfers heat from the underfloor heating pipes.



TEKWARM

XPS VERSATILE UFH BOARD



A range of low-profile versatile XPS insulation underfloor heating boards.

With a high compressive strength 200 kpa XPS core, the XPS Versatile underfloor heating board is ideal for low profile heating systems and is available in 4 standard versions.

The board size is 1200mm x 600mm x 20mm, which can be grooved on one face as required to accommodate either 12 or 16mm diameter underfloor heating pipes. Our standard routed pattern is supplied with radius returns and 3 transit grooves.

Other routed pipe layouts and patterns are available.

KEY FEATURES

- ✓ Can be supplied as a plain board, or with a foil facing as required, it also comes in a plain routed, or routed and foiled option
- ✓ Lightweight XPS makes it easier to move on site
- ✓ Accepts direct tiling or laminate when laid on suitable underlay

INSTALLATION

Tekwarm XPS Versatile UFH Boards make for a speedy installation over a flat level sub floor with a suitable DPM as necessary.

TIMBER BASE

For applications onto timber the panels should always be fixed with Tekwarm mechanical fixings and washers (5 per board). Fixings should provide a minimum of 35mm embedment and be of a type suitable for the substrate.

CONCRETE BASE

Tekwarm XPS Versatile UFH Boards can be laid directly onto concrete, and should be adhered with a bed of combed flexible tile adhesive (S1 or equivalent). On occasions mechanical fixings will also be required dependent on substrate.

FINISHING

For most applications, an additional overlay board is not required, and flooring can be laid directly to the upper surface.

Wood flooring and laminate products should be applied using a suitable underlay as per manufactures instructions. Flooring grade tiles can be laid on a suitable combed flexible S1 tile adhesive layer.

Other finishes may require a separating layer of Tekwarm Overlay Board prior to their installation.

SUITABLE FOR

Tekwarm XPS Versatile UFH Board is suitable for new build or retro fit installations, and the standard pattern board and plain versions normally available from stock.

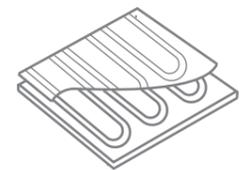
In addition to our standard sizes, we can also cut the boards to suit any project.

So if you have a bespoke specification, get in touch and we will work with you to provide the perfect solution.



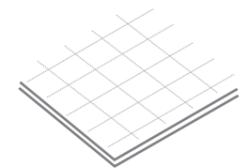
LOW FLOOR BUILD UP

XPS-R UFH Board is installed directly on to joists allowing for a lower floor build up.



FOIL FACED OPTION AVAILABLE

For extra thermal performance, XPS-R UFH Board can be supplied with a foil face.



UNIQUE TEXTURED FACE

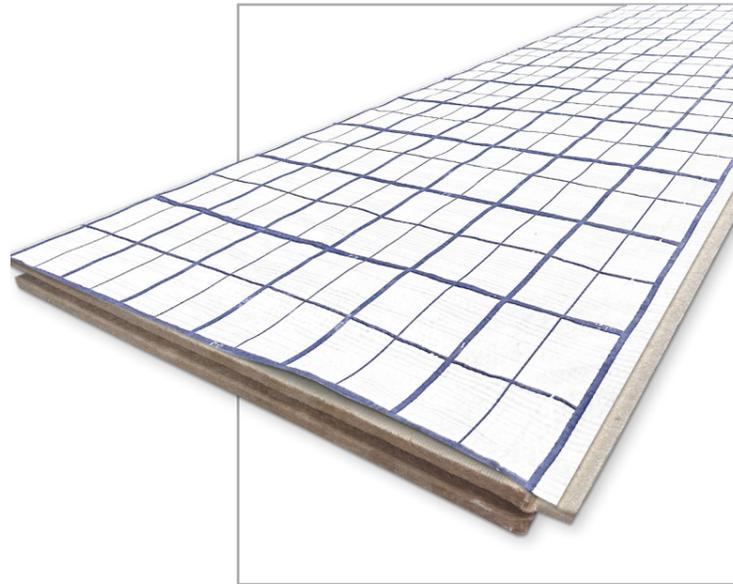
The textured face allows for the direct application of flooring grade tiles.



TEKWARM

WF SUSTAIN UFH BOARD

A range of sustainable wood fibre underfloor heating boards.



Our first UFH board manufactured using wood fibre from fully sustainably grown forests, which are produced with zero waste during their manufacture. These boards provide a stable medium from which to produce our UFH boards.

They can be supplied plain or gridded for the application of UFH pipes and clips, routed to receive a 12mm UFH pipe in the 22mm board, or for a 16mm pipe in the 35mm board. The routed channels can be formed at either 145mm or 191mm centres (nominal).

Other routed pipe layouts and patterns are available.

KEY FEATURES

- ✓ Woodfibre boards have a 200kpa compressive strength and good heat dispersion properties
- ✓ Lightweight material makes it easier to move on site
- ✓ Boards can also be supplied with an Mpet Foil vapour barrier to the underside of the boards if required

SIZES

Boards are 22mm or 35mm thick, 2230mm x 600mm (including tongues) with a T&G edge to all 4 sides providing a coverage of 1.295m² nett.

FINISHING

WF Sustain UFH Boards excellent dimensional stability is suitable for carpet, vinyl tiles, laminates and wood flooring finishes when installed with our Tekwarm MR MDF T&G overlay board. Tekwarm Sustain UFH Board can also be tiled over utilising our overlay board and a proprietary decoupling membrane with S1 flexible tile adhesive to the tile manufacturer's instructions.

FIXING

Tongue & Grooved edges should be tightly butted together and glued using a 2in1 wood adhesive in a thin bead to create a continuous surface for installation of the UFH pipes. Boards can be loose laid or mechanically fixed if preferred using insulation type fixings suitable for the substrate involved to provide a minimum of 30mm of embedment. Tekwarm MR-MDF T&G overlay board should be laid at 90 degrees to the Sustain board (see data sheet). Carpets or Vinyl tiles & planks should be laid to the manufacturer's instructions and should incorporate any underlays required according to their installation instructions.

Boards are designed for use on structural solid floors and are not considered structural themselves.

In addition to our standard sizes, we can also cut the boards to suit any project.

So if you have a bespoke specification, get in touch and we will work with you to provide the perfect solution.



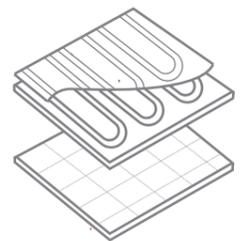
SUSTAINABLE WOOD FIBRE

Wood fibre is sourced from fully sustainably forests, and boards are produced with zero waste.



EASY INSTALLATION

Tongue & Groove edge detail to all 4 edges.



FOIL FACED OR GRIDDED OPTION AVAILABLE

Differing versions are readily available to suit different pipe layouts.



TEKWARM

Overlay MR-MDF Board

For chipboard underfloor heating systems.



Tekwarm Overlay MR-MDF Board is designed to be used as an overlay board, for chipboard underfloor heating boards for use with most types of flooring finishes. This includes carpets, vinyls, laminates, and solid wood block flooring. When tiling is to be applied, follow the tile manufacturer's instructions generally using an S1 Tile adhesive and a decoupling membrane in conjunction with the overlay board.

Tekwarm Overlay MR-MDF boards are overall sized 1200mm x 600mm x 9mm including tongue and grooves which are on all edges for ease of fitting.

KEY FEATURES

- ✓ Identified as MR grade by its green tint core appearance
- ✓ Low profile - doesn't add undue height to the system
- ✓ Lightweight and easy to handle on site

SUMMARY

Tekwarm MR-MDF overlay board is used over Tekwarm Chipboard UFH panels. It is suitable for interior humid conditions and is manufactured in accordance with EN 622-5.

Internal bond to BS-EN 319 = 0.90 N/mm²

Modulus of rupture to BS-EN310 = 45.00 N/mm²

Modulus of elasticity to BS-EN 310 = 4,500 N/mm²

Moisture content to BS-EN 322 = 5% to 9%

Thickness Tolerance to BS-EN 324-1 = +/-0.15mm

Length/width Sizes nominal as cut /T & G edged

Boards should be fitted in a brick bond pattern at 90-degree orientation to the direction of the UFH boards with no linear joints matching the joints below.

Tekwarm Overlay MR-MDF boards are not considered as a structural board.

All T&G joints should be glued with a proprietary wood adhesive.

Tekwarm Overlay boards should be mechanically fixed drilled and countersunk at maximum 300mm centres utilising suitable screws.

Care must be taken to ensure that no heating pipes are pierced during this process and screws should not be inserted within 50mm of any pipe run.

Where tiles are being laid they must be fixed as per the tile manufacturer's instructions using a suitable flexible adhesive and decoupling membrane over the Overlay board.

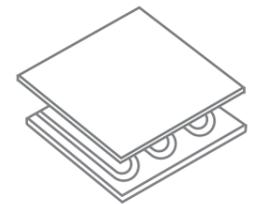
In addition to our standard sizes, we can also cut the boards to suit any project.

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MOISTURE RESISTANT

Manufactured from T & G moisture resistant MDF.



DESIGNED TO USE WITH ROUTED UFH BOARDS

Provides a separation and reinforcement layer from the underfloor heating pipes



EASY INSTALLATION

Tongue & Groove edge detail to all 4 edges.



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