

E.TUPLING

THE LEADING DISTRIBUTOR TO INDEPENDENT MERCHANTS

UNDERFLOOR HEATING & RENEWABLES BROCHURE **2023/24**

UNDERFLOOR HEATING

**FLOOR PREPARATION
& PERFORMANCE**

LVT FLOORING

**AIR & GROUND SOURCE
HEAT PUMPS**

**MECHANICAL
VENTILATION
HEAT RECOVERY**



www.etupling.co.uk

CONTENTS

Introduction to E. Tupling	2
Why E. Tupling	3
Underfloor Heating	5
Floor Preparation & Performance	7
Underfloor Preparation Explained	9
Manifolds, Valves, Pumps & Stats	11
Luxury Vinyl Tile & Wood Flooring	13
Case Study	15
Leading Brands & Consultancy	17
Air & Ground Source Heat Pumps	18
MVHR & Pre-Insulated Pipe	19
Instant Quote App	21



ABOUT E. TUPLING

E. Tupling is an independently owned family business, established in 1966. We are a leading manufacturers distributor of building & plumbing plastics, underfloor heating (UFH), air source heat pumps (ASHP), ground source heat pumps (GSHP), mechanical ventilation heat recovery systems (MVHR), pre-insulated pipe, engineered wood and LVT Flooring. We are a modern and forward-thinking company, yet our traditional values and customer centric philosophy remains at the heart of everything we do.

Our skilled team possess a wealth of experience and expert knowledge. We have consistently delivered and evolved our offering in UFH, Plumbing and now Renewables. For over 50 years we have proudly served independent merchants across the UK.



E. Tupling quite simply put, go the extra mile every time for their customers! Their service is personalised, straightforward, knowledgeable, and unparalleled. We purchase a vast range of stock from them, including Underfloor Heating Systems. Stock availability and choice is exceptional, they are highly competitive on price. They remove extra pressures from their customers by always going above and beyond to assist and help with any queries or issues we may have. They are a pleasure to trade with, every time.

- Hafeze Samad, Director, Leigh Plumbing Merchants

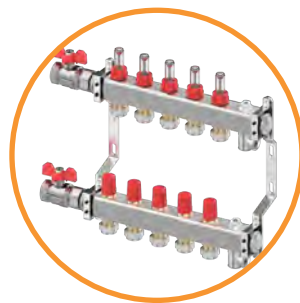
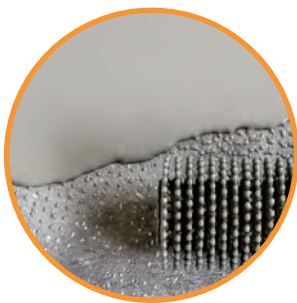


WHY E. TUPLING FOR RENEWABLES & UNDERFLOOR HEATING

The heating sector is evolving and E. Tupling are ready to support independent plumbers merchants and builders merchants as your Renewable, Ventilation and Underfloor Heating SOLUTIONS provider! **We are delighted to launch our very own IN-HOUSE Underfloor Heating (UFH) System comprising of a number of renowned, market leading original equipment manufacturers including Danfoss, Heatmiser and Fränkische to name just a few.**



Our UFH system represents the highest quality brands at the most competitive prices. Together with a best-in-class design package, our system solution will be the only independent trade counter UFH brand sold exclusively via distribution. Our focus is to drive quality into an unregulated market and support our merchant partners with consultancy, design and expertise alongside the true distribution absolutes of stock, price and availability. We offer full closed loop UFH systems from preparation of the subfloor through to the installation of UFH systems.



The perfect Flooring Preparation from MUREXIN

The leading Underfloor Heating System from E. TUPLING

A superior Luxury Vinyl Tile (LVT) Floor from KAHRS

= OPTIMUM PERFORMANCE!

We are available to provide full technical support and guidance, schedule of materials, itemised quotation, heat loss calculations and pipe-layout design as standard. Furthermore, our experts are always on hand to speak to your customers / installers and to answer any questions they may have. We can deliver to branch or direct to site, always within 2 working days from order, making the sale for our merchant partners a mere invoicing exercise. Drop ship and same-day collection services are also available. It will always be our choice, service, speed, technical knowledge and versatility that separates us from other suppliers!

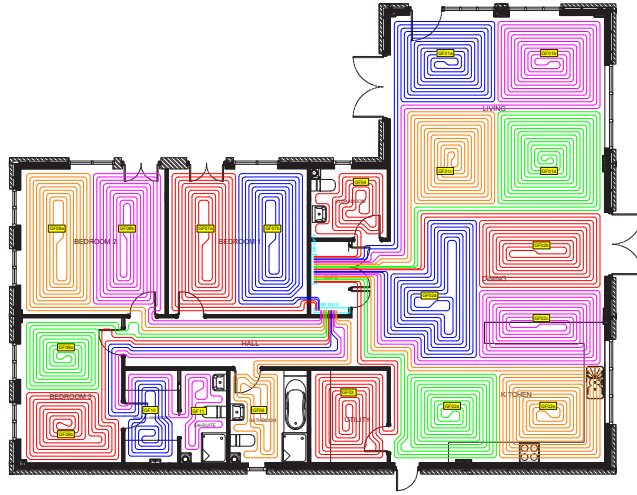
Together with a best-in-class design package this UFH solution is exclusively sold by E. Tupling and ONLY available to independent trade counters. Our focus is to protect our customers against loss of business to e-commerce and low cost unfit for purpose systems by always offering consultation, design and unbeatable value.

As part of our offering, we will supply a full bespoke UFH design which carries all of the technical information needed such as the maximum pressure loss, flow quantity, water content and heating output. Each project we work on is treated separately and our goal is to ensure we give you a system that is able to heat the space with as low a flow temperature as possible maximising the system efficiency.

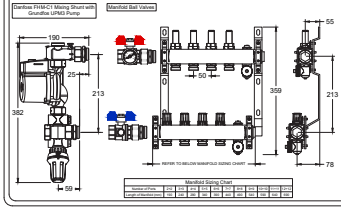
We only use reputable suppliers for our products and can offer a full UFH System that includes all manifolds, pumps, pipe, clips, room thermostats & wiring boxes. We can also offer all the floor preparation products such as smoothing compounds, primers, tile adhesives & decoupling layers. To finish the job we also supply LVT flooring should that be required.

Whilst many suppliers offer similar, off the shelf systems, we have assembled a system of products which rely on its guaranteed compatibility within the product installation. All products have been tested thoroughly to ensure the components complement each other perfectly. For our retrofit systems we know the primer works with the adhesive, the adhesive works with the XPS boards, the smoothing compounds work with the boards, and so on. As a result we can count on the products giving the end user a trouble free floor & UFH system!

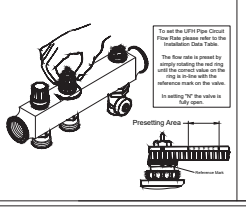
Our manifolds use cutting-edge technology and are manufactured by Danfoss, one of the leading names worldwide. They have an inbuilt pre-setting function which uses hydronic balancing to ensure the correct amount of water will be distributed to the right rooms. This can help improve overall system efficiency by up to 20% by balancing the temperature across the floor and reducing the risk of overserving or underserving the UFH pipe circuit.



Indicative Manifold with Mixing Shunt Pump & Manifold Ball Valves



Hydraulic Balance Pre-Setting



To set the UFH Flow Circuit Flow Rates refer to the Installation Data Table. The flow rate is set by simply rotating the red ring until the correct value on the ring is in line with the reference mark on the valve. In setting 'V' the valve is fully open.

System Summary

Flow Temperature (°C)	58.0
Mean Return Temperature (°C)	33.0
Total Heat Load (kW)	8001
Total Circulation (l/s)	1022.0
Total Flow Quantity (g/h)	17418.0
Maximum Pressure Loss (Pa)	8602
Total Water Content (l)	220
Total Floor Area Covered by UFH (m²)	353.5
Total Floor Area (m²)	387.7

Manifold Summary

Manifold No.	Total No. of Heating Circuits	Heating Area (m²)	Flow Quantity (kg/h)	Pressure Loss (Pa)	Total Pipe Length (m)	Flow Temp (°C)	Return Temp (°C)
GF-1	11	101.2	1028.2	4460	879.6	58.0	33.0
GF-2	11	81.9	886.5	5230	610.6	56.0	33.0

E. TUPLING
UNDERFLOOR HEATING AND RENEWABLE SOLUTIONS

E. Tupling & Son LTD
Calver Road
Warrington
Cheshire
WA2 8UD

Tel: 0161 776 0077
Email: uft@etupling.co.uk
Web: www.etupling.co.uk

PROJECT

TITLE

UFH PIPE LAYOUT GUIDE

DRAWING NUMBER	REVISION	STATUS	
UFH1234	N/A	CONSTRUCTION	
SCALE	DATE	DRAWN	CHECKED
1:50 @ A1	***/**/****	JS	N/A

E. Tupling are a multi award-winning Team:



UNDERFLOOR HEATING

Maincor PE-RT Pipe

Maincor PE-RT pipe is a 5 layer barrier pipe, which has an EVOH oxygen barrier layer which complies with ISO17455. Available in 12 and 16mm options.

Product code	Description
MC53120038080	Maincor 12 x 1.3mm PE-RT Pipe 80m Coil
MC53120038200	Maincor 12 x 1.3mm PE-RT Pipe 200m Coil
MC53120038240	Maincor 12 x 1.3mm PE-RT Pipe 240m Coil
MC50160034100	Maincor 16 x 2mm PE-RT Pipe 100m Coil
MC50160674150	Maincor 16 x 2mm PE-RT Pipe 150m Coil
MC50160674200	Maincor 16 x 2mm PE-RT Pipe 200m Coil
MC50160674300	Maincor 16 x 2mm PE-RT Pipe 300m Coil

MAINCOR



Multi-Layer Composite PE-RT / Aluminium / PE-RT Barrier Pipe

High quality MLC Pipe, 16mm premium PE-RT / AL / PE-RT pipe, suitable for underfloor heating. This easy-to-use pipe holds its shape when bent and is marked every metre for simple installation. It has an aluminium core, this thin layer of overlap welded aluminium protects against corrosion and creates a 100% oxygen barrier. Continuous upper temperature resistance of 70 degrees celsius.

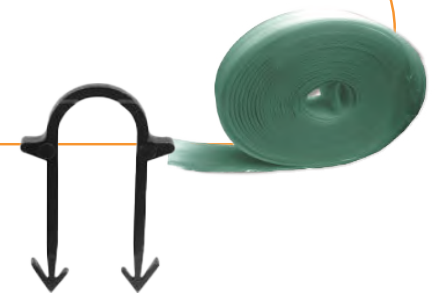
FRANKISCHE

Product code	Description
FR73516400	Frankische 16 x 2mm profitherm MLC Pipe 100m Coil
FR73516700	Frankische 16 x 2mm profitherm MLC Pipe 200m Coil



Solid Floor Fixing Accessories

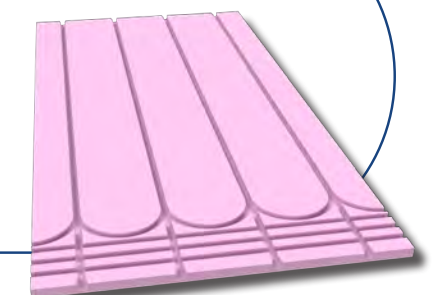
Product code	Description
ETSTP60	60mm Staples (Box of 300)
ETSTP40	40mm Staples (Box of 300)
ETSTPLR	Staple Gun
ETEF25M	Edge Foam 150mm x 25m Roll
ETCR10	Self Adhesive Fixing Clip Rail (Box of 10)



High Density Lightweight XPS Extruded Routed Insulation Panel

High density lightweight XPS extruded routed insulation panel. High output & low profile. Dimensions: 1200mm x 600mm, 0.72sqm coverage per floor panel. Radius bend integral, no end return required, allows greater surface area for heat conductivity. 18mm panel for 12mm pipe at 150mm centres. Suitable for new build and retro-fit, compressive strength at 10% deflection - 300k Pa. Thermal conductivity - 0.033w/mK. 100% recyclable, raw material manufactured in accordance with BSEN13164, fire class according to EN13501-01.

Product code	Description
XPS18	High Density Lightweight XPS Extruded Insulation 18mm UFH Floor Panel

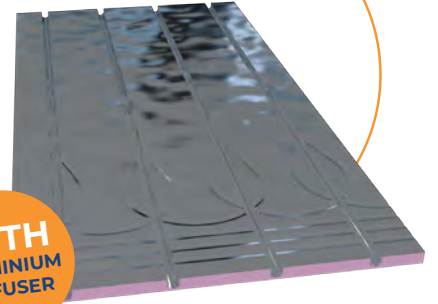


High Density Lightweight XPS Extruded Routed Insulation Panel

High density lightweight XPS extruded routed insulation panel with aluminium diffuser. High output & low profile. Dimensions: 1200mm x 600mm, 0.72sqm coverage per floor panel. Radius bend integral, no end return required, allows greater surface area for heat conductivity. 20mm panel for 16mm pipe at 150mm centres. 100 micron soft tempered aluminium to panel and pipe channel. Suitable for new build and retro-fit, compressive strength at 10% deflection - 300k Pa. Thermal conductivity - 0.033w/mK. 100% recyclable, raw material manufactured in accordance with BSEN13164, fire class according to EN13501-01.

Product code	Description
XPSALU20	High Density Lightweight XPS Extruded Insulation 20mm UFH Floor Panel with Aluminium Diffuser

WITH
ALUMINIUM
DIFFUSER



Low Profile 18mm Gypsum Fibre Board

Low profile high-density gypsum fibre board manufactured from Fermacell® with a heat output of over 100W/m2. Designed with built-in end returns and pipe spacing of 150mm for 12mm pipe. Allows underfloor heating to be installed into existing rooms quickly which can be laid over solid or timber floors. To be installed with ETMSPIK adhesive.

Product code	Description
OLGYP18	Gypsum Overlay panel with End Returns 18 x 600 x 800mm
ETMSPIK	310ml Tube Rapid Set Adhesive

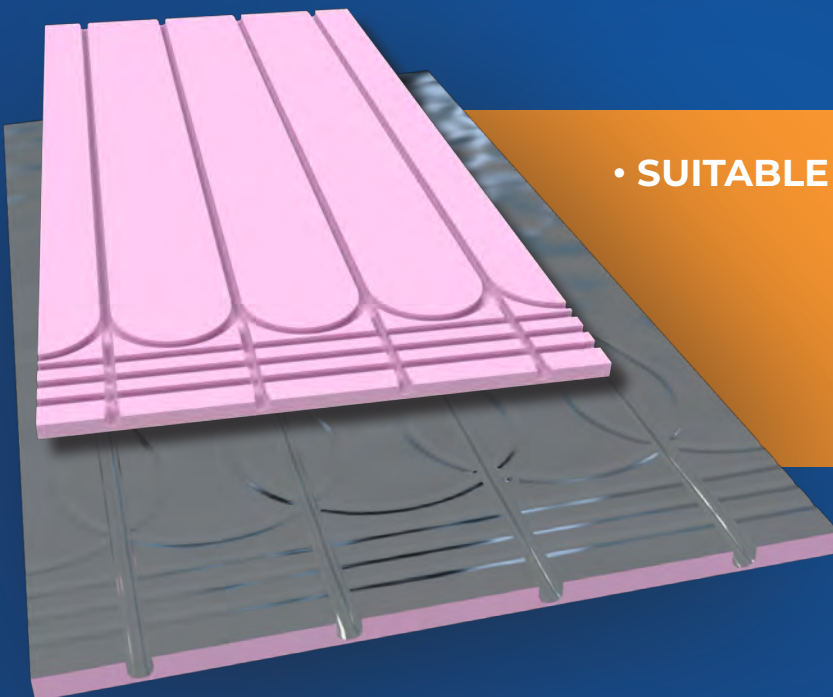
BUY WITH
RAPID SET
ADHESIVE



HIGH DENSITY LIGHTWEIGHT XPS EXTRUDED ROUTED PANELS

HIGH DENSITY LIGHTWEIGHT XPS EXTRUDED ROUTED PANELS

- SUITABLE FOR NEW BUILD & RETRO-FIT
- HIGH QUALITY & EFFECTIVE
- INCREASED HEAT OUTPUT
- LOW PROFILE



HIGH DENSITY | COST EFFECTIVE | LIGHTWEIGHT | EASY TO INSTALL

FLOOR PREPARATION & PERFORMANCE

Unitop Decoupling Panel

Stress reducing underlay. Displaces load across floor area, reduces impact noise. Durable decoupling mat, offers protection to the XPS system beneath. Safer on problematic substrates, very low emission - EC1-PLUS. Suitable for most floor coverings. Scan the QR code to see the product installation video or data sheet.

Product code	Description
MXUNITOP4MM	MulitiTop 4mm Decoupling Panel 4 x 600 x 1200mm



Installation Video



Technical Sheet



Thermo-Top Boards

Thermo-Top delivers rapid, even, heat distribution due to a fleece lined aluminium panel. Ideal for lower water temperature renewable heat sources, element of thermal mass spreads heat laterally. Stress relieving, decoupling system, safer on problematic surfaces, easy to install. Suitable for most floor coverings.

THERE IS NO
MARKET RIVAL
IN THE UK!

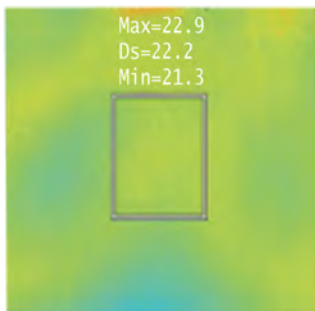
Product code	Description
MXTHERMOTOP2MM	ThermoTop 2mm Heat Transfer Panel 2 x 600 x 1200mm



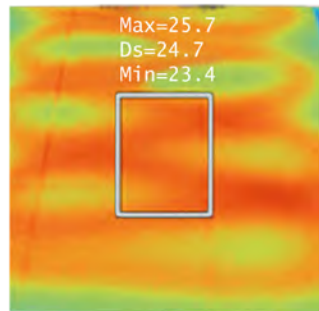
Installation Video



Technical Sheet



Changes in surface temperature
WITHOUT Thermo-Top



Changes in surface temperature
WITH Thermo-Top

Primer

Available in 10kg tubs. Rapid drying. Ready to use, adhesion enhancing, solvent free. Effective for priming floors prior to UFH system installation. After observing the drying times a slightly tacky surface is achieved, which is ready for laying immediately. Multi-purpose, virtually all substrates.

Product code	Description
MXDX9	10kg Floor Primer Tub



Installation Video



Technical Sheet



MS Adhesive



Single component MS adhesive, solvent free, long working time. Multi purpose adhesive that is used to bond XPS, Thermo-Top, Unitop and wooden floors. Scan the QR code to see the product installation video or data sheet.



Installation Video



Technical Sheet

Product code	Description
MXMSK509	16kg Tub

THERE IS NO MARKET RIVAL IN THE UK!

High Performance UFH Smoothing Compound



RESULTS IN ENERGY SAVINGS OF UP TO 12%!

Heat retaining specialist smoothing compound, energy savings of up to 12% are possible, high yield (up to 27% more). Specifically designed for UFH systems as it dissipates heat across its surface and enhances heat transfer. Especially suitable for air & ground source heating systems. There is no market rival.



Installation Video



Technical Sheet

Product code	Description
MXM61	13kg Smoothing Compound

Fibre Reinforced Smoothing Compound



Excellent flow smoothing compound. Ideally suited to pre smooth uneven substrates. NOTE: It is recommended that the floorcovering is applied within 48 hours to avoid surface crazing and contamination of the floor. Any longer than 48 hours, the surface should be covered until the floorcovering is laid.



Installation Video



Technical Sheet

Product code	Description
MXST215	25kg Fibre Reinforced Smoothing Compound

Deep Fill Smoothing Compound



Low tension smoothing compound which provides a cost-effective solution for your UFH projects. The highly plasticised compound can be applied to a depth of 35mm. NOTE: It is recommended that the floorcovering is applied within 48 hours to avoid surface crazing and contamination of the floor. Any longer than 48 hours, the surface should be covered until the floorcovering is laid.



Installation Video



Technical Sheet

Product code	Description
MXST25	25kg Smoothing Compound

Flexible Tile Adhesive



Suitable for tiled floor finishes, can be used with Polypipe Overlay / Overlay Plus / off the shelf XPS18 and XPSALU20 (only if Multitop incorporated into build up). Long working time, high stability. Flexible for professional users, long pot life, high yield (25kg).



Installation Video



Technical Sheet

Product code	Description
MXKPF31	25kg Flexible Tile Adhesive

UNDERFLOOR PREPARATION EXPLAINED

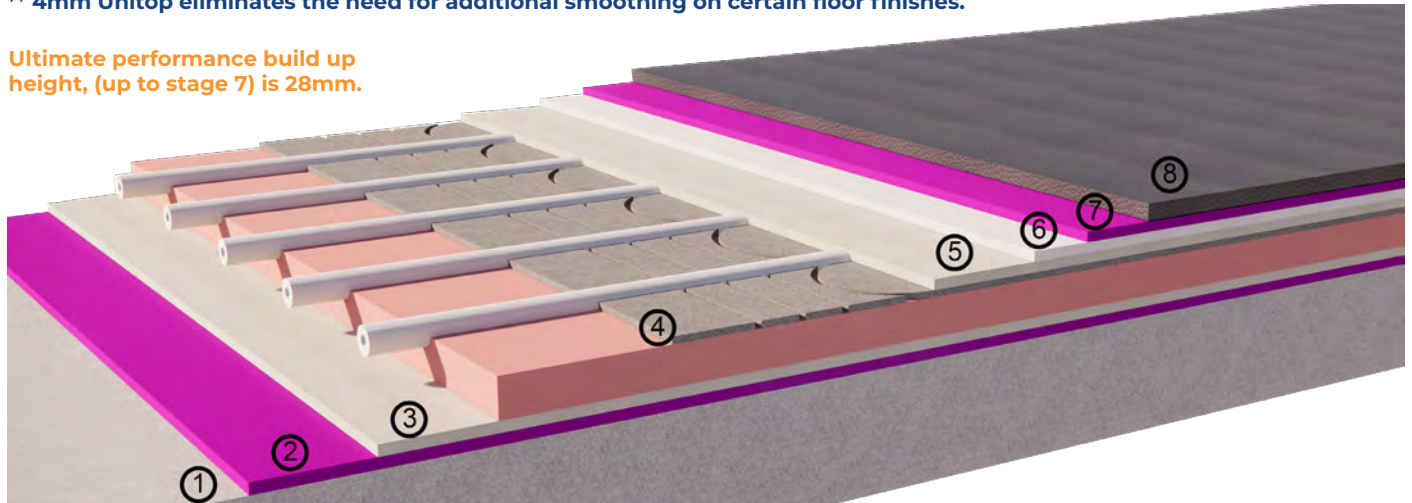
The Ultimate Performance

The 'Ultimate' Performance specification, delivers the highest possible output for optimum heat transfer. This system incorporates a 4mm Unitop panel, which has the benefit of being a de-coupling/de-stressing layer. The Unitop panel also has the added benefit of improving acoustic properties by 13-19 dB depending on the floor coverings. Once stages 1-8 have been completed, you have the option of a multitude of floor finishes. Including, LVT/Laminate/Click flooring/Carpet* (If bonded engineered wood or ceramics are being installed, eliminate stage 8 and bond directly to the Unitop).

***Always confirm compatibility with the floor covering manufacturer.**

**** 4mm Unitop eliminates the need for additional smoothing on certain floor finishes.**

Ultimate performance build up height, (up to stage 7) is 28mm.



1 Subfloor

2 Primer MX DX9

3 MS Adhesive MX MS-K 509

4 Panel Choice MX XPS ALU20

5 Ms Adhesive MX MSK509

6 Unitop 4mm Decoupling

7 Primer MX DX9

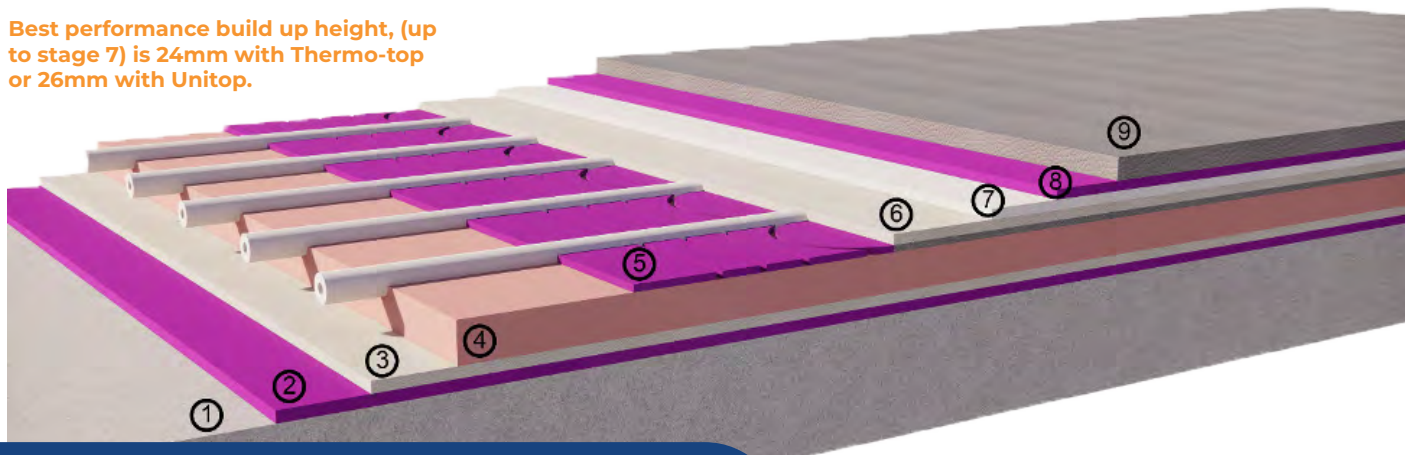
8 Tile Adhesive / Smoothing Compound MX KPF 31 / MX M61

The Best Performance

The 'Best' performance specification delivers a system with an enhanced heat transfer solution. The system incorporates a Thermo-top panel, which has the benefit of being a de-coupling/de-stressing layer and also delivers rapid heat distribution. Once stages 1-8 have been completed, you have the option of a multitude of floor finishes. Including, LVT/Laminate/Ceramics/Click flooring/Carpet* (If bonded engineered wood is being installed, eliminate stage 8 and bond directly to the Thermo-top or Unitop).

***Always confirm compatibility with the floor covering manufacturer.**

Best performance build up height, (up to stage 7) is 24mm with Thermo-top or 26mm with Unitop.



1 Subfloor

2 Primer MX DX9

3 MS Adhesive MX MS-K 509

4 Panel Choice MX XPS18

5 Primer MX DX9

6 MS Adhesive MX MS-K 509

7 Thermo-top 2mm or **Unitop** 4mm

8 Primer MX DX9

9 Tile Adhesive / Smoothing Compound MX KPF31 / MX ST25

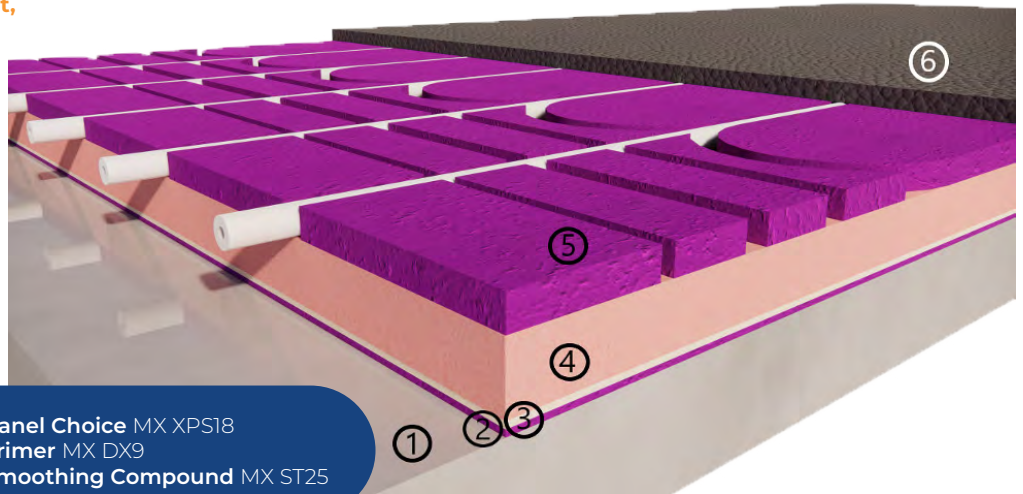
Whilst lots of competitors offer similar, off the shelf systems. At E. Tupling we wanted to bring in a system of products, which relies on its guaranteed compatibility within the product installation. We have tested all the products in this range to ensure the system works perfectly. We know the primer works with the adhesive, the adhesive works with the XPS boards, the smoothing compounds work with the boards, and so on. This way, we can count on the products giving the end user a trouble free UFH System!

Good Performance

The 'Good' performance specification delivers a system, which is the most cost effective but still delivers on performance. The low profile system incorporates a smoothing compound directly on to our primed XPS18 Panel. This Cost effective system is then ready to install LVT/Laminate/Ceramics/Click flooring/Carpet*.

***Always confirm compatibility with the floor covering manufacturer.**

**Good performance build up height,
(including stage 6) is 30.5mm.**



1 Subfloor
2 Primer MX DX9
3 MS Adhesive MX MS-K 509

4 Panel Choice MX XPS18
5 Primer MX DX9
6 Smoothing Compound MX ST25

DO'S & DON'TS

The do's and don'ts of the whole installation process.

There are basic principles in all installations, that need to be followed. This will ensure your new UFH installation runs as smooth as possible.

Subfloor preparation – This is one of the most critical points of any installation. If your sub floor is not correctly prepared, be prepared for it to fail. If you install a system of products that cost a large amount of money, We'd hope people would want longevity. The manufacturer recommends preparation guidelines as follows:

Mechanical Preparation – Prepare the sub-floor using the appropriate mechanised equipment to remove any contaminants and barriers to adhesion. Ensure you are left with clean, sound hard base that will provide sufficient restraint for subsequently applied products. After mechanical preparation, remove all traces of dust and debris using an industrial vacuum cleaner.

Priming – The benefit of priming your floors, is that it improves the overall adhesion. The primer penetrates the substrate, helping to increase the bond between the two surfaces. If people eliminate essential steps in the application process, this can lead to failures.

Tooling – What is the importance of using the right tooling for the job? Each tool is precisely designed for a specific purpose, so choosing the correct tool will also decrease the amount of effort required to get a job done right. It will save you money and prevent failures. If you are applying a flooring adhesive with a tiling notched trowel, you will apply far too much adhesive. This will greatly reduce the coverage and increase material costs. Then vice versa, if you use a flooring adhesive notch trowel to apply a tile adhesive, you will not have sufficient coverage and failures will occur.

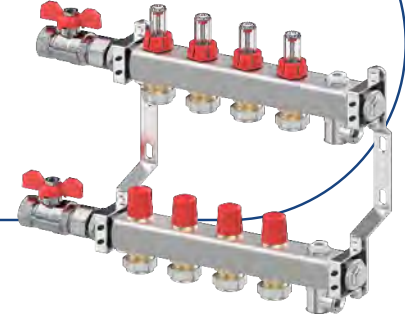
Product Selection – It is critical to understand which products will be used in each stage of the system. Even more important, is that you know how to use the products correctly. Reading the product information/data sheets, will give you definitive guidance on each product.

MANIFOLDS, VALVES, PUMPS & STATS

Manifolds

Includes fill and drain valves, colour coded isolation valves, flow metres and brackets

Product code	Description
DF088U0652	Danfoss 2 Port SSM 2+2 Manifold Set
DF088U0653	Danfoss 3 Port SSM 3+3 Manifold Set
DF088U0654	Danfoss 4 Port SSM 4+4 Manifold Set
DF088U0655	Danfoss 5 Port SSM 5+5 Manifold Set
DF088U0656	Danfoss 6 Port SSM 6+6 Manifold Set
DF088U0657	Danfoss 7 Port SSM 7+7 Manifold Set
DF088U0658	Danfoss 8 Port SSM 8+8 Manifold Set
DF088U0659	Danfoss 9 Port SSM 9+9 Manifold Set
DF088U0660	Danfoss 10 Port SSM 10+10 Manifold Set
DF088U0661	Danfoss 11 Port SSM 11+11 Manifold Set
DF088U0662	Danfoss 12 Port SSM 12+12 Manifold Set



Danfoss

Manifold Connections

Product code	Description
MCEUR1213	12 x 1.3mm Eurocone connection
MCEUR16	16 x 2mm Eurocone connection



Pump Sets

Product code	Description
DF088U0094	Danfoss FHM-CI Mixing Shunt with Grundfos UPM3 Pump
DF088U0851	Danfoss Midi Shunt with Grundfos UPM3 Pump

Danfoss



Actuators & Valves

Product code	Description
DF087N6609	Danfoss HP22 2 Port Zone Valve
DF088H3112	Danfoss Thermal Actuator 230V
DF088H3110	Danfoss Thermal Actuator 24V

Danfoss



Thermostats and Controls - 230V

Product code	Description
DF088U0625	Danfoss BasicPlus ² WT-P Programmable Thermostat
DF088U0610	Danfoss BasicPlus ² FH-CWF Floor sensor 3m
DF088U1025	Danfoss Icon Room Thermostat, 230V Prog. On-wall
DF088U1042	Danfoss Icon Wiring Center 230v 8 Channels

Danfoss



Thermostats and Controls - 24V

Product code	Description
DF088U1081	Danfoss Icon Room Thermostat, Wireless, Display On-wall
DF088U1110	Danfoss Icon Floor Sensor for 24V and 230V
DF088U1147	Danfoss Icon Master, 24V, 10 channel, NP
DF088U1148	Danfoss Icon Master, 24V, 15 channel, NP

Danfoss



Icon Modules and Add Ons

Product code	Description
DF088U1101	Danfoss Icon App Module
DF088U1100	Danfoss Icon Expansion Module
DF088U1103	Danfoss Icon Radio Module (RF)
DF088U1102	Danfoss Icon Repeater

Danfoss



Heatmiser Thermostats and Controls

Product code	Description
HMSLIMLINE	Heatmiser Slimline Digital Thermostat
HMSLIMLINERF	Heatmiser Slimline RF Digital Thermostat
HMNEOSTATWHITE	Heatmiser Neostat White
HMNEOSTATBLACK	Heatmiser Neostat Black
HMNEOAIRWHITE	Heatmiser Neo Air Thermostat White
HMNEOAIRBLACK	Heatmiser Neo Air Thermostat Black
HMNEOAIRSTAND	Heatmiser Neo Air Thermostat Stand
HMNEOSTAT12VWHT	Heatmiser Neostat 12V White
HMNEOHUBGEN2	Heatmiser Neohub 2nd Generation
HMNEOPLUG	Heatmiser Neo Plug
HMRFSSENSOR	Heatmiser Wireless RF Air Temp Sensor
HMRFSWITCHV2	Heatmiser RF Switch Wireless Receiver
HMFPROBE	Heatmiser Floor Probe
HMTHIMBLE	Heatmiser Thimble Sensor
HMUH4WIRINGCENTR	Heatmiser UH4 4 Zone Wiring Centre
HMUH6WIRINGCENTR	Heatmiser UH6 6 Zone Wiring Centre
HMUH8WIRINGCENTR	Heatmiser UH8 8 Zone Wiring Centre
HMUH8RF	Heatmiser UH8 Rf Wireless Wiring Centre
HMUH8NWIRCENTRE	Heatmiser UH8-N 12V Wiring Centre

heatmiser



LUXURY VINYL TILE (LVT) & ENGINEERED WOOD FLOORING

ENGINEERED WOOD FLOORING ALSO AVAILABLE ASK OUR TEAM

5mm Click Stone Designs

Product code	Description
LTCLS3007-300-5	Makalu Click Stone 5mm
LTCLS3008-300-5	Schwarzhorn Click Stone 5mm



Makalu



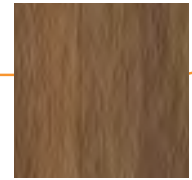
Schwarzhorn

5mm Wood Plank Designs

Product code	Description
LTCLW2111-172	Belluno Wood 5mm
LTCLW2101-172	Redwood Wood 5mm
LTCLW2115-172	Taiga Wood 5mm
LTCLW2004-172	Whinfell Wood 5mm



Belluno



Redwood



Taiga



Whinfell

5mm Click Herringbone Designs

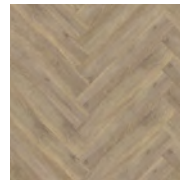
Product code	Description
LTCHW2111L120	Belluno Left
LTCHW2111R120	Belluno Right
LTCHW2101L120	Redwood Left
LTCHW2101R120	Redwood Right
LTCHW2115L120	Taigo Left
LTCHW2115R120	Taigo Right
LTCHW2004L120	Whinfell Left
LTCHW2004R120	Whinfell Right



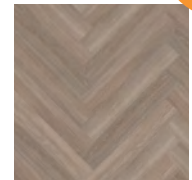
Belluno



Redwood



Taiga

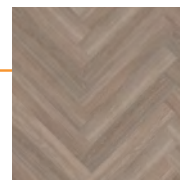


Whinfell

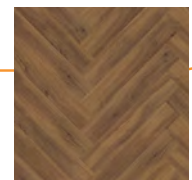
ORDER EQUAL LEFT & RIGHT!

2.5mm Dry Back Herringbone Designs

Product code	Description
LTDBW2004-102	Whinfell 2.5mm
LTDBW2101-102	Redwood 2.5mm



Whinfell



Redwood



We have dealt with E. Tupling for several years. Their customer service and product knowledge on Underfloor Heating is second to none. Tim and his team's attention to detail is faultless and their attitude is almost of a bygone era, when customer care actually meant something. It's a pity that there aren't more companies out there like E. Tupling – our job would certainly be a lot easier!

- Peter Chadwick, Warwick Plumbing



CASE STUDY

As part of the E. Tupling evolution this project introduced a closed loop solution to the Cheshire renovation and part new build project. Our relationship with the contractor had been formed over a number of UFH projects referred by our merchant partner so our UFH team was approached to find a solution.

The end user was looking to create a stylish, open plan and contemporary kitchen and family living space and were challenged with height restrictions. E. Tupling consulted on an UFH system and floor preparation to design a low profile XPS UFH system and incorporated the thermotop 2mm decoupling panel as a separation layer between the finished XPS UFH panel and the floor finish. Our closed loop option ensured a 42mm total build up including a 10mm porcelain tile. Our team liaised with our merchant partner, the building contractor and the end user to ensure the installation process was managed effectively. Product education on the closed loop range and the emphasis on quality was well received on site and the finished project certainly has the wow factor. The process removed the disconnect between the UFH installation and the floor finish with the highest quality products approved by both the plumbing and flooring contractors.

All of the products were delivered to site from stock. We provided a true end to end solution making it a mere invoicing exercise for our merchant customer.



E.TUPLING

E.TUPLING
THE LEADING DISTRIBUTOR TO INDEPENDENT MERCHANTS

**WE OFFER FULL UFH &
RENEWABLES PRODUCT TRAINING
FOR YOU & YOUR TEAM!**

AIR SOURCE HEAT PUMPS

We offer a vast choice of market-leading heat recovery brands, simply contact us and we will recommend the right unit & cylinder for every project.



WE OFFER

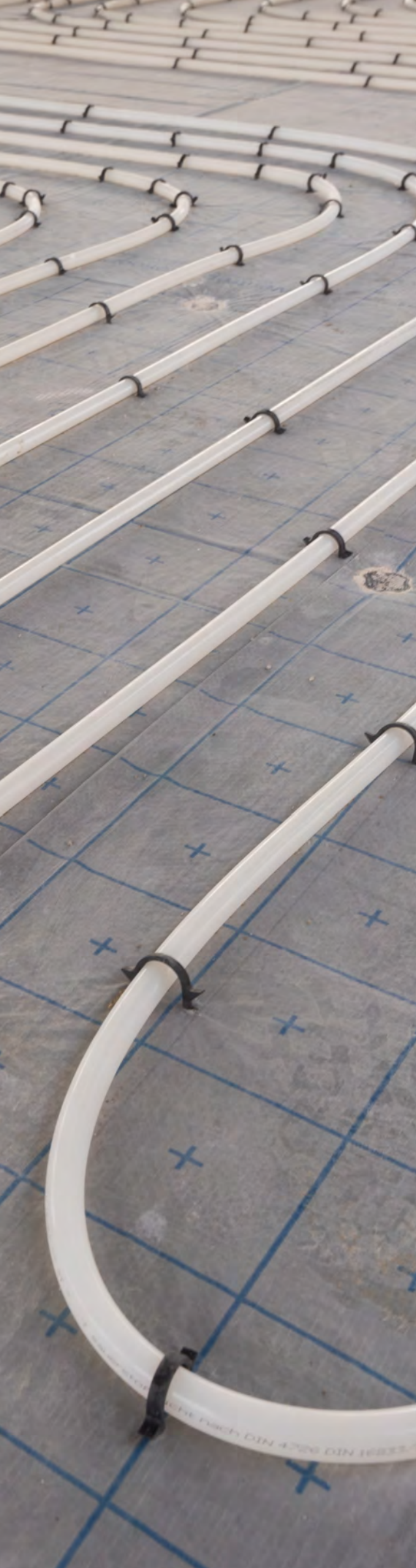
- FULL SPECIFICATION & DESIGN
- HEAT LOSS CALCULATION
- TECHNICAL SUPPORT
- MCS SIGN OFF ASSIST

Other renewable heating solutions are also available:

GROUND SOURCE HEAT PUMPS | AIR TO AIR | SOLAR PV | SOLAR THERMAL

With more renewable solutions to be added over the year.

www.etupling.co.uk | 0161 776 0077



WHEN YOU NEED LEADING BRANDS & CONSULTANCY SUPPORT

We are often described by our merchant partners as a consultant, broker if you like, in the supply of Underfloor Heating, Ventilation and Renewable solutions.

We are wholly impartial, have researched the entire market and benefit from agreements with several of the leading UFH, ventilation and renewable manufacturers in our industry. We have a completely unbiased approach and for all of these reasons we can pinpoint the best UFH System for each and every individual application!

When expertise, consultancy and using well-known leading brands is far more important our team are always on hand to support and guide you. On receipt of the project detail, plans and/or measurements our award winning UFH & renewable technical team carefully consider the project type e.g. renovation or new build, heat source, floor build-up and covering before providing you with system options that are most suitable to each specific job. A full schedule of materials, itemised quotation and pipe layout design are all provided to you as standard.

With our own fleet of specialist vehicles and dedicated driving team we can also deliver direct to site or dropship on your behalf. Furthermore, we are always available to provide full technical guidance and support to your installers and end-users should they ever require any assistance. We will never discuss pricing with your customers but are more than happy to answer product or installation questions they may have, making the UFH sale for you a mere invoicing exercise.



Heat pumps made **easy** with STIEBEL ELTRON

Our air source range

Inverter technology for high efficiency and low energy bills

Low operating noise makes them suitable for installation even in tight urban spaces; can be further reduced in night mode ("silent mode" function)

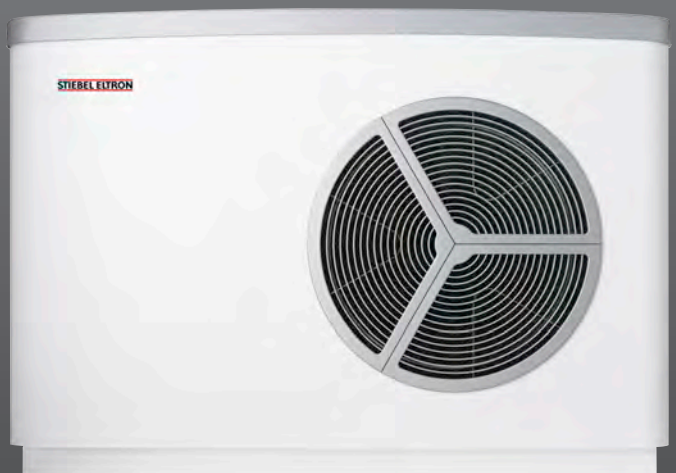
Optional integration into the home network and control via smartphone

Models with flow temperatures of up to 75 °C for first rate DHW convenience and renovation projects

Installer packs for fast and easy installations every time - integrated components save space and ensure perfect results

Support at every stage of your project from quote to customer hand over

High efficiencies even at very low outside temperatures of down to minus 25 °C



FIND OUT MORE:

www.stiebel-eltron.co.uk/heatpumps

Comfort through Technology

www.stiebel-eltron.co.uk



MVHR & PRE-INSULATED PIPE

Without heat recovery ventilation ...

REGULAR MANUAL AIRING

- Significant energy loss
- Fluctuating temperatures
- Noise pollution from outside

DAMAGE TO THE BUILDING

- Possible formation of mould/ humidity-related damage

DECREASE IN RESALE VALUE

NO AIR FILTRATION

- Exposure to dust and odour
- Exposure to viruses, bacteria and allergens



... with profi-air®

FEEL-GOOD CLIMATE

- No noise pollution
- Constant supply of fresh air

HEALTH PROTECTION

- Reduced exposure to viruses and bacteria
- No exposure to humidity/ mould
- Filtration of dust and allergens
- No odour pollution

INCREASE IN RESALE VALUE

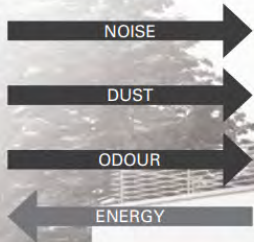
ENERGY SAVINGS/ INCREASE IN ENERGY EFFICIENCY

COMPLIES WITH APPLICABLE STANDARDS

HYGIENICALLY SOUND

BUILDING PROTECTION

- No formation of mould/ humidity-related damage
→ Stable value of property!



FRÄNKISCHE

Austroflex®

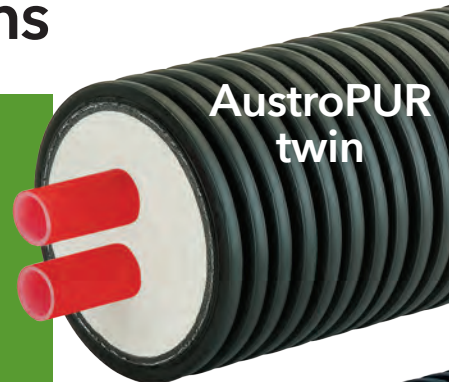
Pre-insulated Pipe Systems

AustroPUR single



Heating 6 bar.
Sizes:
25mm - 125mm
Sanitary 10 bar.
Sizes:
25mm - 63mm

AustroPUR twin



Heating 6 bar.
Sizes: 25mm - 75mm
Sanitary 10 bar.
Sizes:
25mm + 20mm,
32mm + 20mm,
40mm + 25mm,
50mm + 32mm

AustroPEX quad



Comprising two heating and two sanitary pipes.
Sizes:
2 x 25mm heating + 25mm + 20mm sanitary
2 x 32mm heating + 25mm + 20mm sanitary
2 x 32mm heating + 32mm + 20mm sanitary

AustroPEX heat pump



Comprising two heating pipes and two empty conduits for power and data cables.
Sizes:
2 x 32mm heating + 2 x conduits
2 x 40mm heating + 2 x conduits

FULL WATERPROOFING SYSTEM

SAFEBAND

SAFEBAND is a waterproof flexible seal that creates a watertight connection between floor and walls in shower, bath and sanitaryware installation.

- » Prevent leaks
- » Double Seal
- » Lifetime guarantee
- » Easy to install



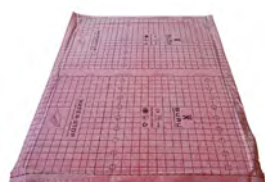
Installation Video



Installation Guide



WATER-STOP SHOWER TRAY



Prefabricated shower tray, highly durable, with built-in slope and 10mm overlap of WATER-STOP membrane. The toughest shower tray on the market, allowing for the installation of any tile size, including mosaic.

WATER-STOP

WATER-STOP is a thin, extremely flexible waterproof geotextile membrane.

- » Four layers
- » Highly flexible
- » Easy to install



Installation Video



Installation Guide



**TOTAL SOLUTION
FOR BATHROOMS
& WET AREAS**

THE LEADING DISTRIBUTOR TO INDEPENDENT MERCHANTS

The Complete Renewable & Underfloor Heating Solution

Underfloor heating and air source heat pump enquiries have never been easier for merchants with the use of E.Tupling's simple, yet sophisticated, **INSTANT QUOTE APP!**

DOWNLOAD NOW



Desktop version also available at app.etupling.co.uk/home





This underfloor heating & air source heat pump app is incredible! Really simple and easy to use, an instant quotation is available within 4-5 clicks of the screen, empowering our staff to confidently sell UFH and ASHP's. The speed of obtaining a full quote within minutes pleases our customers tenfold, this app completely takes the long hassle and lengthy detail of UFH away from the trade counter, ensuring easy transactions and happy customers! E.Tupling also take care of the entire sale from quote to delivery and install advice. This app is ground-breaking for the team!

- Gary Fox, Trade Counter Manager, Plumbcall





Our Commitment To Our Customers

We are official members of The Builders Merchants Federation. Enabling us to better serve our merchants via enhanced BMF knowledge, training and expertise. We are also an approved supplier for the NMBS providing value-add unrivalled service to the National Merchants' Buying Society nationwide.

Our Commitment To Our Community

E. Tupling are an official Business Patron of the Warrington Wolves Charitable Foundation. Our entire business ethos and company values are centred around our customers and the local community being at the heart of everything we do. The Wolves Foundation is the heartbeat of its community, therefore we are excited to be supporting such a great local charity. The Foundation support local families, schools and sports clubs throughout Warrington, and also provide care for disabilities, disadvantaged and mental wellbeing through sports.

Our Commitment To Our Industry

E. Tupling are MULTI-AWARD WINNERS! We are super proud to have been awarded 'BEST INDEPENDENT UNDERFLOOR HEATING SYSTEM PROVIDER - UK' in the Build Construction & Engineering Awards 2021 & 2022!

We have also won 'Highly Commended UK Distributor Of The Year Winner 2022' by HVR Awards, 'The BMF Young Supplier Achiever Award Winner 2021' and 'Plumbers & Builders Merchant Distributor Of The Year 2022' by SME Awards.

**GET AN INSTANT QUOTE
ON OUR UFH APP**
www.etupling.co.uk



E.TUPLING

THE LEADING DISTRIBUTOR TO INDEPENDENT MERCHANTS

E. Tupling

☎ 0161 776 0077
✉ ufh@etupling.co.uk

📍 Calver Road, Winwick Quay, Warrington, WA2 8UD

📞 0161 776 0078

Opening Times

Mon - Fri: 7AM - 5PM
Sat - Sun: Closed



Find us on: [f](#) [@](#) [in](#) [🐦](#) [📺](#)

www.etupling.co.uk