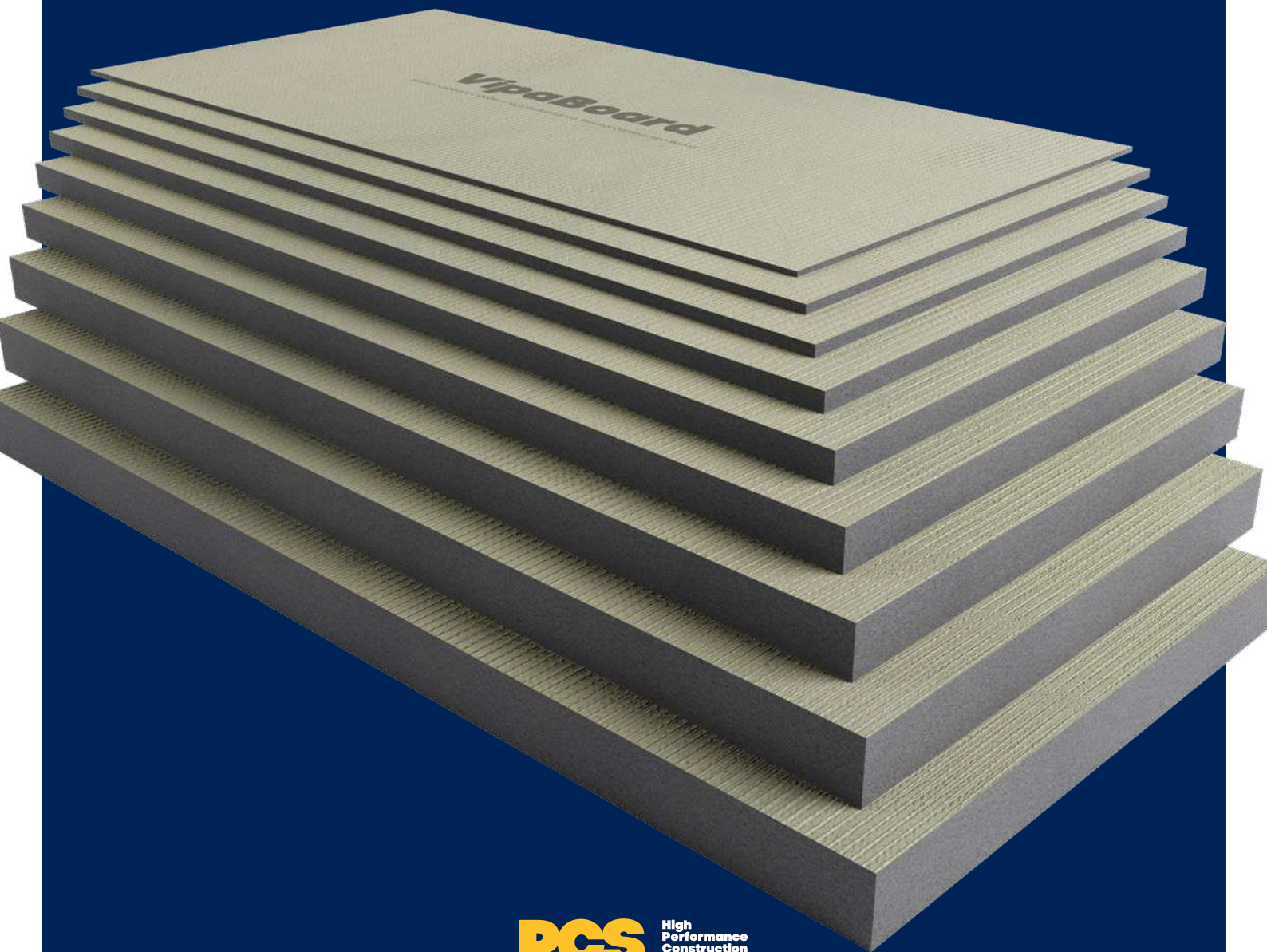


VipaBoard VipaTray AquaLay

High Performance Construction Products



PCS High
Performance
Construction
Products



Welcome to PCS

Build with Confidence
– Build with PCS

PCS are the UK's premier manufacturer of high-performance construction products designed to enhance the functionality and durability of buildings and homes. PCS specialise in rigorously tested products that provide insulation, waterproofing and thermal efficiency.

Manufactured in our UK facilities, our products are engineered to provide superior performance and reliability for all your construction needs.

Our flagship offerings, VipaBoard, VipaTray and AquaLay, along with a range of complementary products and accessories, are developed to provide superior performance and reliability.

We partner with distributors and retailers to ensure that our expertly engineered products are accessible and deliver outstanding results for every project. Our professionalism, integrity and commitment to quality and customer satisfaction is at the heart of everything we do, establishing us a trusted name in the industry.



Made In The UK

– Installed Worldwide

All PCS products are proudly engineered and manufactured in the UK, reflecting our passion for consistency and excellence. This local production means that for UK distributors and retailers, we can guarantee fast delivery and a reduced carbon footprint, strengthening our commitment to both quality and sustainability. With three generations of experience, we are well-equipped to meet the evolving demands of the construction

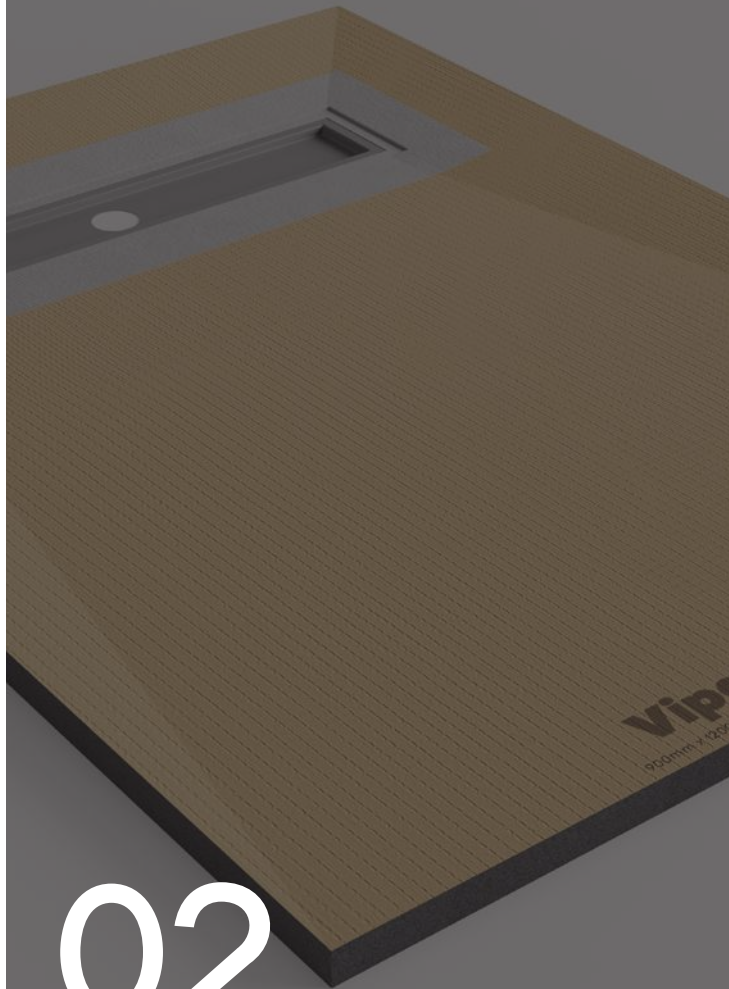
industry, providing cutting-edge solutions that not only perform but also help build better futures.

Research and development are central to who we are and what we do. Our commitment to continuous improvement drives our innovation, ensuring that we stay at the forefront of the construction industry. We invest heavily in R&D, focusing on enhancing the performance, durability and sustainability of our products. This dedication allows us to consistently bring new solutions to market to address the evolving needs of our clients, ensuring that we remain leaders in both product quality and technological advancement.



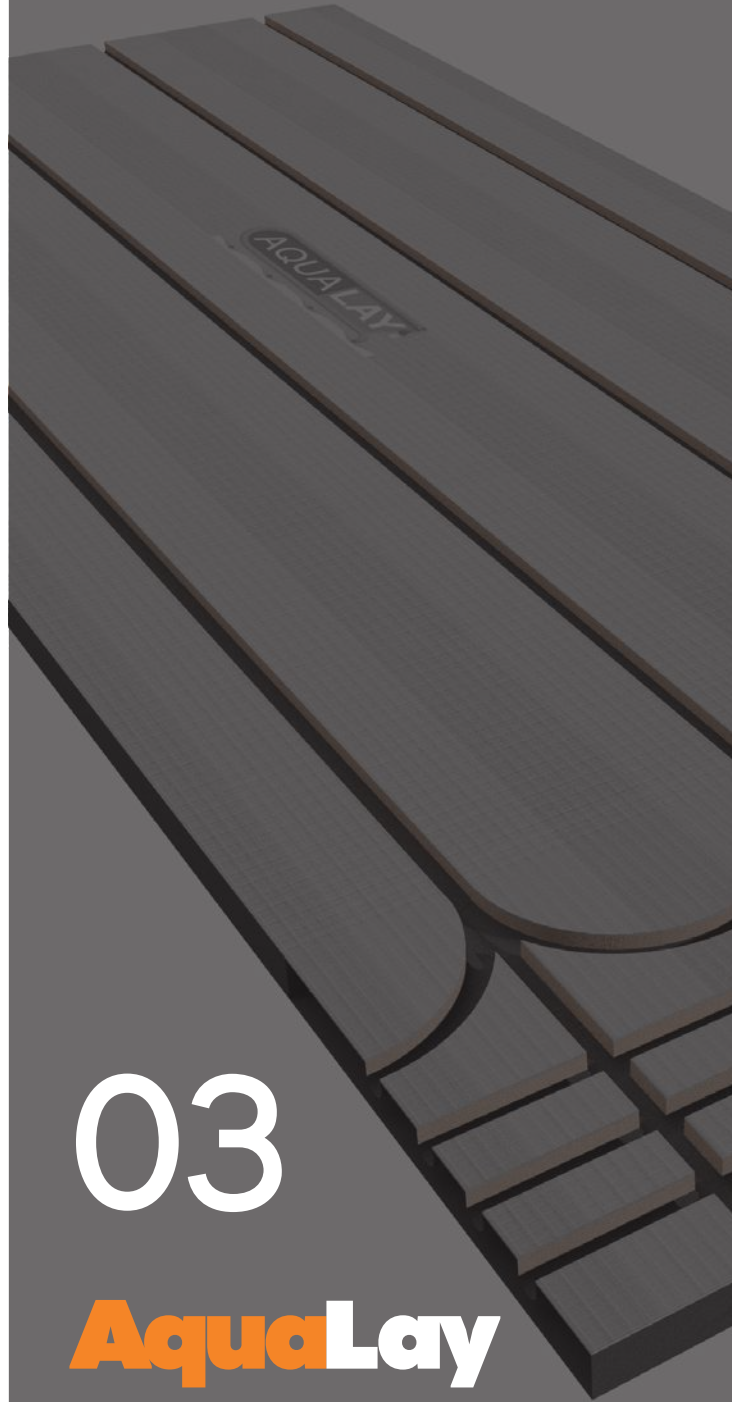
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About VipaBoard®

VipaBoard is a versatile, high-performance thermal construction board, designed to meet the highest standards of quality and performance. VipaBoard is composed of high-density extruded polystyrene, which is coated with a custom-engineered cement layer. This combination provides VipaBoard with superior thermal efficiency, water resistance, excellent impact strength and sound reduction, making them ideal for construction.

VipaBoard's unique composition allows it to excel in diverse environments. VipaBoard stands out for its ease of handling and versatility across a wide range of products. From under-tile heating systems to exterior facades, its lightweight yet robust design, ensures ease of installation whilst ensuring performance and durability.

Whether for a residential renovation or a large-scale commercial build, VipaBoard's thermal efficiency and waterproof properties make it the perfect choice for areas exposed to moisture or extreme temperatures. VipaBoard offers a solid and versatile substrate for various applications on both walls and floors, including all tile types, cement-based screeds and flexible synthetic renders, ensuring durability and longevity in both internal and external applications.



Benefits Beyond a Board

VipaBoard offers a multitude of benefits that enhance everyday life, from its superior thermal performance to its waterproof properties. Outperforming other tile substrates, VipaBoard not only ensures long-lasting durability but also helps you avoid costly repairs in the future from issues such as rotting wood and mould growth. Its exceptional performance makes it a reliable choice for both residential and commercial projects.



The features that make VipaBoard the ideal choice for professionals who demand high performance and reliability in their construction projects.

90
kg/m²

90kg/m²
Wall Load.

30
tons/m²

30tons/m²
Floor Load.



Waterproof
Protects against moisture damage, ideal for wet areas.



Thermally Efficient
Enhances the efficiency of underfloor heating systems.



Lightweight
Easy to handle and install without compromising strength.



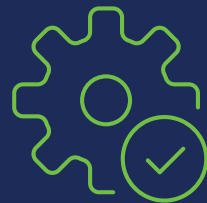
Sound Proofing
Reduces impact noise, creating quieter spaces.



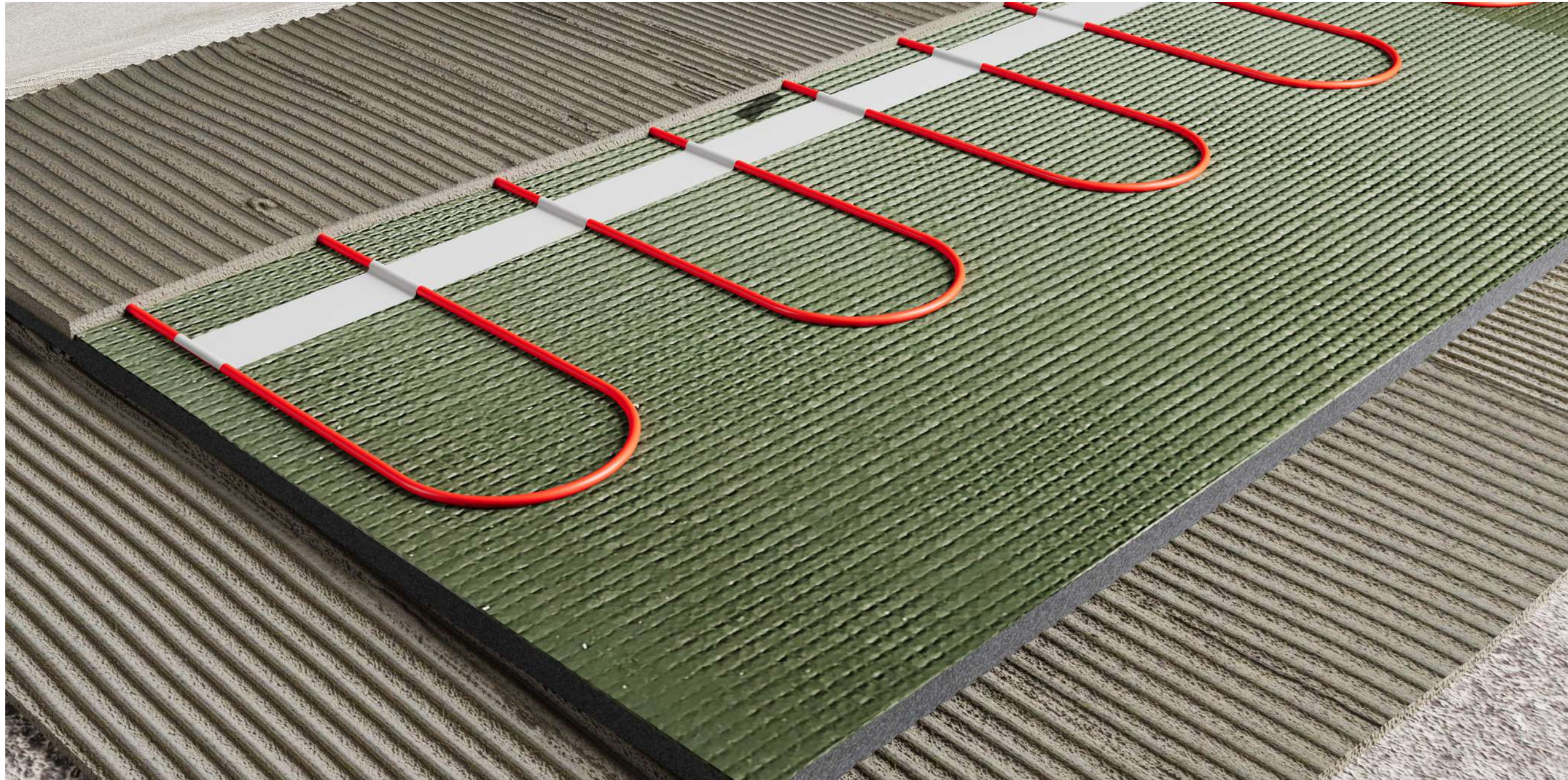
Extensive Size Range
With flexible ordering to provide tailored solutions.



Alkaline Resistant
Durable against alkaline environments, ensuring longevity.



Easy to Install
Simplifies the installation process, saving time and effort.



VipaBoard Thermal Benefits

VipaBoard offers exceptional thermal insulation, providing up to 14% more thermal efficiency than any other brand.

VipaBoard enhances the performance of underfloor heating systems by creating a large radiating heat surface for the heat to spread evenly through the room, reducing downward heat loss. This not only improves comfort but also reduces energy consumption leading to lower heating costs.

This makes it an ideal choice for underfloor heating systems by reducing downward heat loss, contributing to superior energy efficiency and minimising the environmental impact.

VipaBoard supports sustainable construction with its low carbon footprint, making this a preferred choice where energy efficiency is a priority.

10
YEAR
Product
Warranty

VipaBoard applications



Ideal For Wet Areas

VipaBoard is waterproof, making it perfect for bathrooms, kitchens and wetrooms. It's designed to withstand prolonged exposure to moisture, providing reliable protection in damp environments.



Interior and Exterior Use

Thanks to its versatile design, VipaBoard can be used for both interior and exterior applications, including facades, terraces and balconies. VipaBoard is compatible for highly flexible synthetic render systems.

VipaBoard applications



Commercial and Domestic use

VipaBoard is perfect for both commercial and domestic projects. Whether constructing large commercial spaces, new builds or upgrading existing spaces, VipaBoards' versatility make it a reliable solution.



Enhances Underfloor Heating

With its thermal insulation properties, VipaBoard enhances the efficiency of underfloor heating systems. By reducing downward heat loss, it ensures the heating system works effectively, keeping your spaces warmer for longer.

VipaBoard Sub-brands



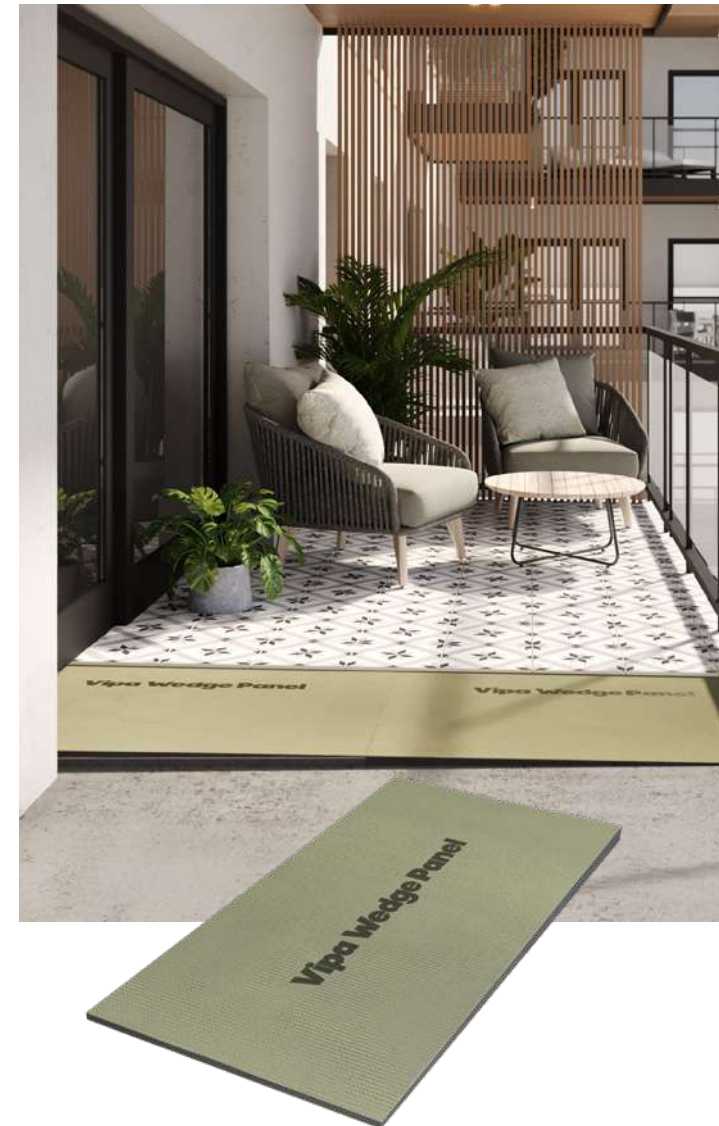
VipaBoard Flexi Panel

VipaBoard Flexi Panel is a versatile board made from high-density extruded polystyrene with a reinforced cementitious coating. One side is scored vertically or horizontally, to allow easy bending around curved structures, making it ideal for applications requiring a uniform radius. Available in 20mm and 60mm thicknesses, with custom sizes on request, VipaBoard Flexi Panel is suitable for both internal and external use. Whether the surface is scored vertically or horizontally, VipaBoard Flexi Panel adapts to various structural needs, delivering flexibility and durability in one innovative solution.



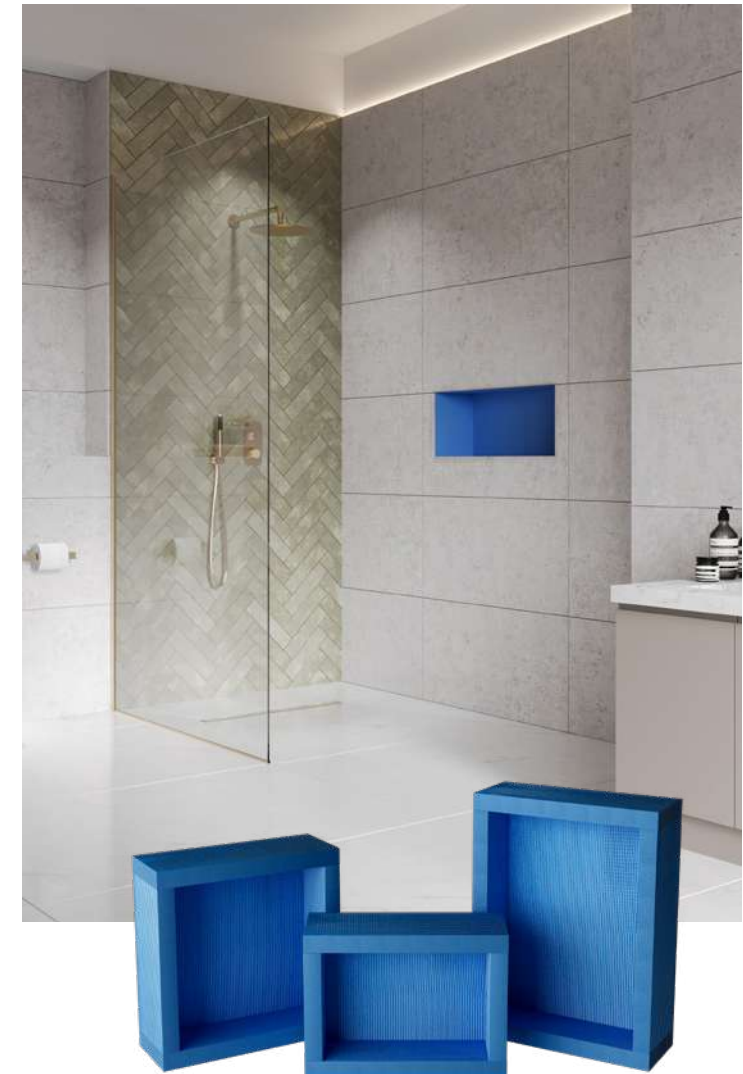
VipaBoard Bath Panel

VipaBoard Bath Panels are lightweight tileable panels designed for easily 'boxing in' bathtubs. Unlike traditional methods, VipaBoard Bath Panels require no stud framework; they are simply glued into place using Vipatek sealant, making installation quick and easy. With adjustable feet, the height can be customised to fit site dimensions. The panels can also be trimmed to fit bathtub dimensions using a standard craft knife or hand saw, offering a versatile and efficient solution for bathroom projects.



VipaBoard Wedge Panel

VipaBoard Wedge Panels are insulated, waterproof construction boards with a built-in gradient, perfect for creating falls on level surfaces in wetrooms, balconies and roof terraces. The tough surface coating provides an ideal base for tiling. VipaBoard Wedge Panel simplifies the creation of accurate falls over long distances and when used with VipaBoard as a raising course, ensures a precise, durable finish.



VipaBoard Wall Niche

VipaBoard Wall Niches provide a perfect built-in storage solution for bathrooms, offering space-saving functionality with quick and easy installation. Made from high-density extruded polystyrene with a reinforced cement coating and factory-sealed gasket, it ensures a fully waterproof recess ready for tiling. Available in a variety of sizes, the VipaBoard Wall Niche can also be trimmed to suit different wall depths, making it a versatile and practical choice for creating stylish, integrated storage in wet areas.

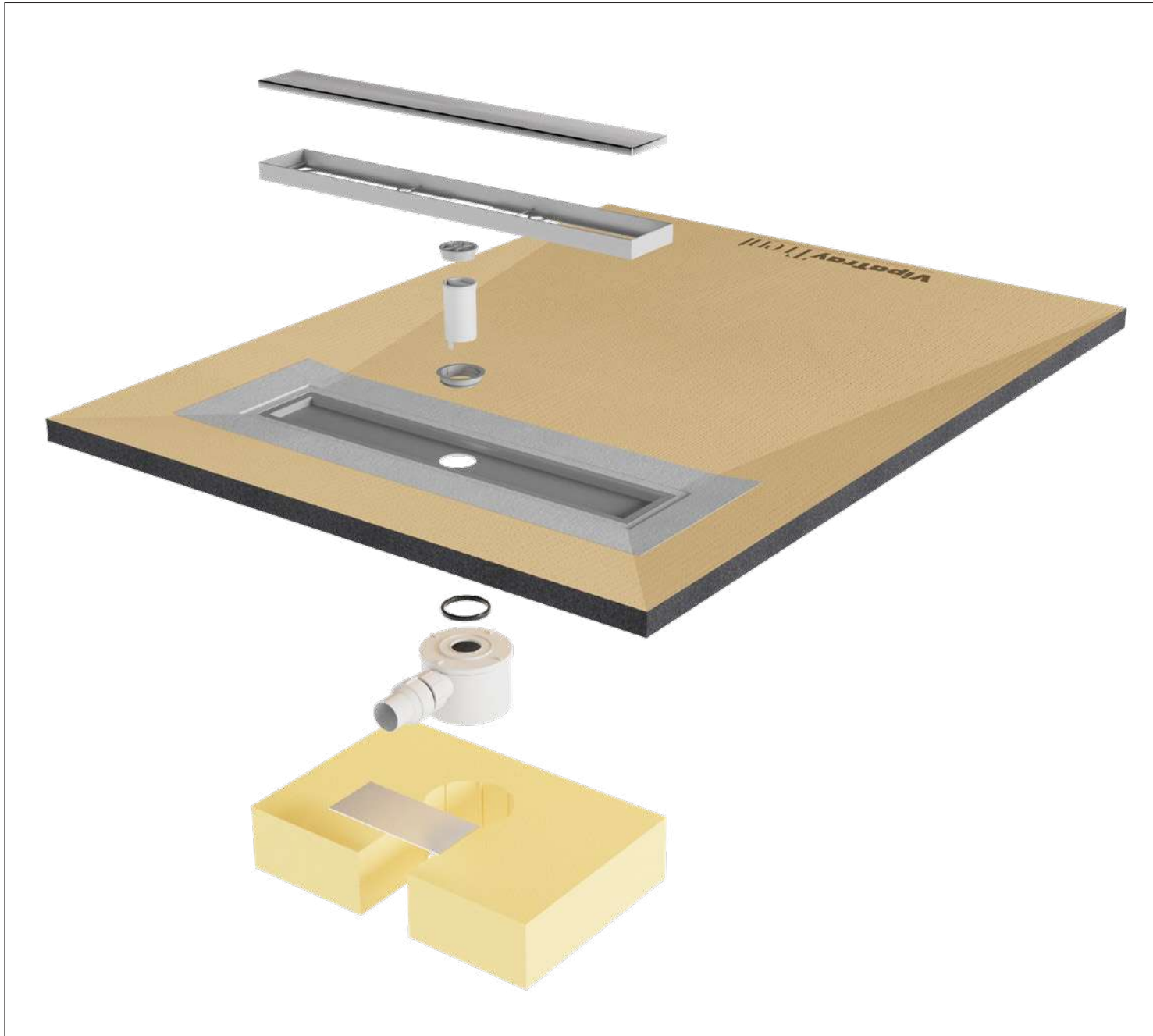


About VipaTray®

VipaTray is a cutting-edge, ready-to-tile, shower tray system, meticulously engineered to deliver seamless and enduring wetroom and shower installations. Crafted with precision and built to the highest standards, VipaTray ensures exceptional quality and performance, providing a robust and reliable base for any project in wet environments.

Designed with a lightweight yet durable high-density XPS core, VipaTray features pre-machined falls that ensure optimal water flow to the drain outlet. This ready-to-tile surface is fully waterproof, impact-resistant and ideal for creating sleek and contemporary bathroom and wetroom designs.

Tailored to your needs, VipaTray can be easily trimmed to fit specific site dimensions. The range includes various tray configurations and a comprehensive selection of ancillary materials, ensuring a complete and hassle-free installation.



The Perfect Foundation

for Bathrooms, Wetrooms and Shower Projects

VipaTray excels in performance, capable of supporting mosaic tiles as small as 20mm x 20mm, thanks to its enhanced resistance to point loading. The VipaTray Thames and VipaTray Trent ranges offer superior flow capacity and under-tile drainage, making them a perfect choice for even the most demanding wetroom projects.

The benefits that make VipaTray the optimal choice for professionals looking to achieve high-quality, reliable results in bathroom, wetroom and shower installations.

30
tons/m²

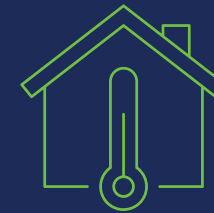
30tons/m²
Floor Load.



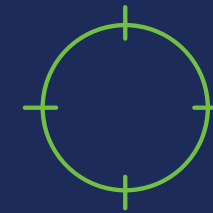
Waterproof
Protects against moisture damage. Ideal for wet areas.



Lightweight
Easy to handle and install without compromising strength.



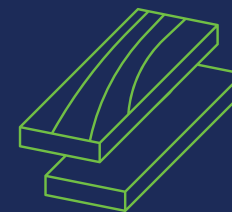
Insulation
for tiles
Reduces downward heat loss and suitable for underfloor heating.



Accurate falls
to drain
For the creation of 'walk in' level access shower environments.



Ready to tile
surface
Suitable for large format tiles and mosaic tiles 20mmx20mm or greater.



Suitable for Timber
& Concrete
A perfect solution to suit the most demanding Wetroom project.



Easy
Installation
Simplifies the installation process, saving time and effort.



Bespoke
options
Design and manufacture bespoke items tailored to suit individual project requirements.



VipaTray® Thames

The VipaTray Thames is perfect for sleek, efficient wetroom spaces. It features an expertly designed slope for optimal drainage and is ready to tile and fully waterproof, ensuring quick and lasting installations. Suitable for mosaic tiles as small as 20mm x 20mm, it is the ideal choice for high-quality, reliable shower installations.



VipaTray® Trent

The VipaTray Trent enhances wetroom installations with its exceptional features. It includes a factory-fitted gasket for added waterproofing and a high-capacity drain that manages up to 36lpm. The VipaTray Trent also offers a side drain option, catering to diverse design needs. Lightweight and easy to cut, it simplifies installation. Its durable surface supports mosaic tiles as small as 20mm x 20mm, making it versatile and ideal for creating luxurious wetrooms.





Vipatrash® Plus +

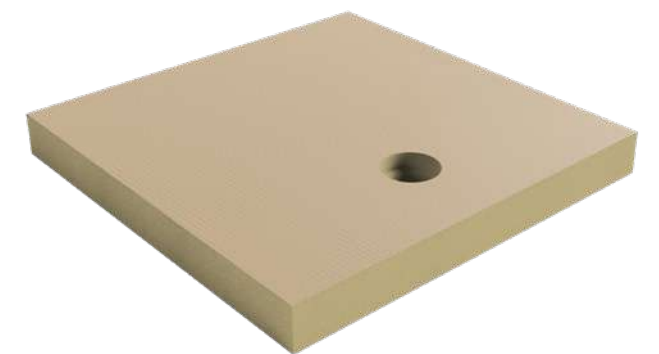
Vipatrash Plus+ is a heavy-duty, step-free shower tray former, manufactured for use in environments requiring vinyl floor coverings. Designed for durability and robustness, Vipatrash Plus+ shower tray formers are specifically designed for use in bathing environments where mobility aids and point loading will be prominent.

Vipatrash Plus+ is a bespoke product, tailored to individual specifications.



PCS Raising Plinth for use with Vipatrash®

The PCS Raising Plinth is the perfect solution for shower trays that need to be elevated above floor level, ideal for rooms with concrete floors or restricted waste pipe routes. This pre-machined plinth allows for seamless routing of the drain body and waste pipe, overcoming installation challenges. It creates stylish raised shower areas without needing to excavate concrete floors or modify floor joists. Available in various sizes, the PCS Raising Plinth together with Vipatrash ensures a fully waterproof, raised platform wetroom with concealed drainage for a clean, elegant finish.



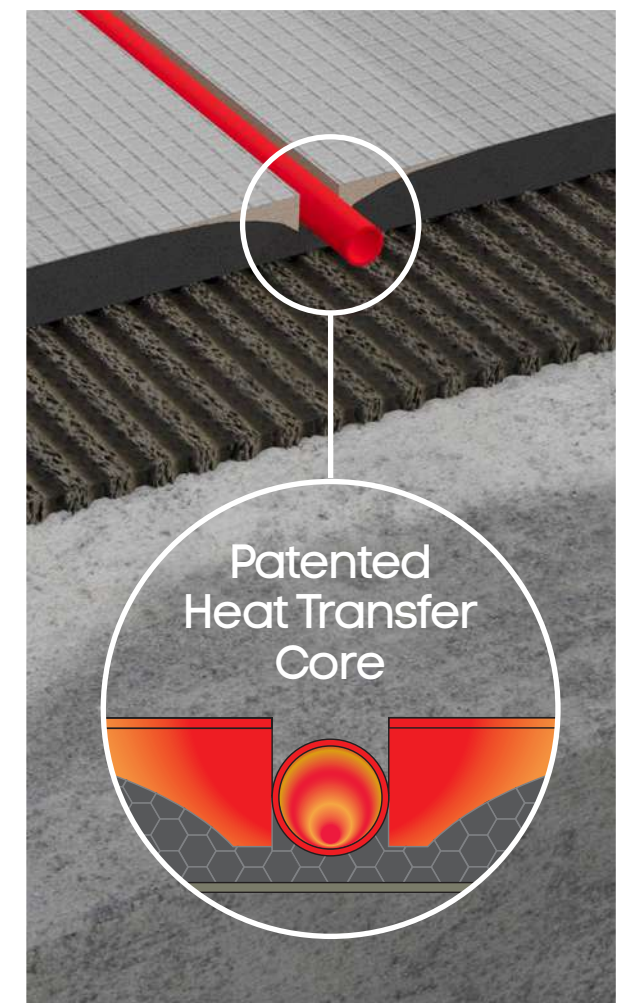


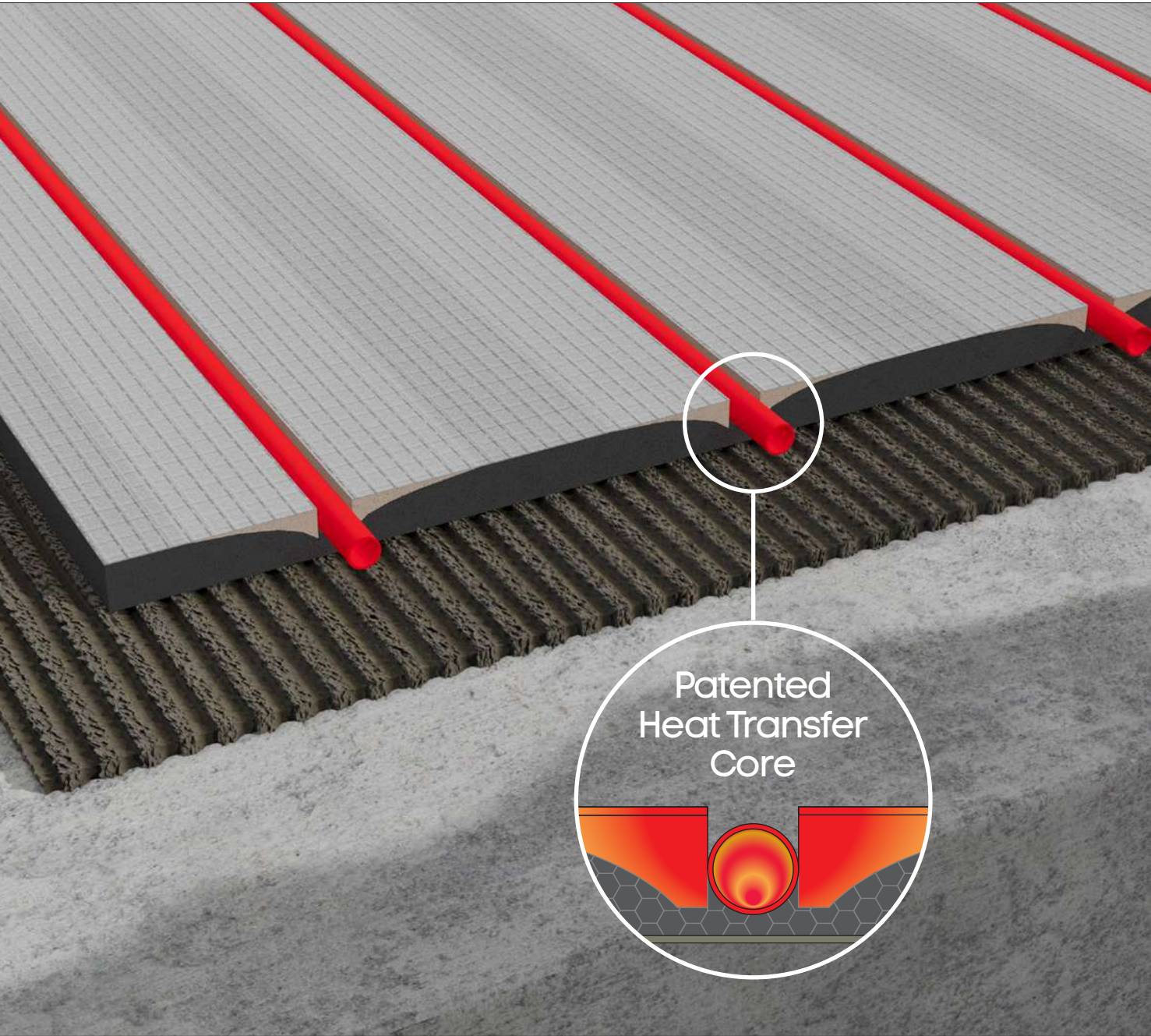
About AquaLay®

Advanced Thermal Insulation Overlay Panel

AquaLay is a patented innovation, designed to revolutionise your underfloor heating experience. Engineered for water-based systems, AquaLay's advanced thermal insulation properties provide the perfect foundation for a comfortable, energy-efficient home. Lightweight and easy to install, AquaLay offers unrivalled performance, whether for new constructions or retrofits.

AquaLay stands apart from other overlay panels due to its patented heat transfer core, which significantly enhances energy efficiency and response times in underfloor heating systems. This advanced core is designed to optimise heat distribution, ensuring rapid and even temperature control across the entire floor surface. By minimising downward heat loss, AquaLay not only improves heating performance but also reduces energy consumption, making it a superior choice for sustainable and efficient heating solutions.





AquaLay® Benefits

Patented Technology

The technology behind AquaLay and its patented heat transfer core, ensures maximum energy efficiency and long-lasting results. AquaLay is designed with versatility in mind, making it suitable for a variety of floor finishes.

The features that make AquaLay the standout solution for energy efficient underfloor heating projects.



Insulating

Protects against downward heat loss.



Energy efficient

Excellent warm up times, providing effective controllability of room heating systems.



Effective heat transfer

Specially formulated heat transfer core for heat spread across surface finishes.



Low floor build up

Ideal for use in buildings where floor build up must be kept to a minimum.



Speedy installation time

Panels can be installed and floor finishes applied in the same day.



Versatile

Panels provide unrestricted pipe routing options.



Easy installation

Fix using standard construction tools.



Waterproof

Robust panels, can be installed in open buildings.



Floor finishes*

Designed for use with tiles, engineered wood, laminate, carpet and vinyl.

* Floor preparation advice for different floor finishes must be followed.

AquaLay® Overlay Panels

Excellent heat distribution.
Minimal downward heat loss.



Generic Panels

Poor heat distribution.
High downward heat loss.



What Makes AquaLay Different?

Raising the bar
for UFH Systems

AquaLay is the standout product for UFH overlay panels, setting a new benchmark for performance, efficiency and sustainability. Its patented 'Heat Transfer Core' technology is engineered to extract heat directly from water pipes, effectively transferring it across the entire panel surface. This innovative approach maximises thermal transfer, delivering faster and more consistent heating to the floor. Unlike traditional UFH panels that often experience significant heat loss,

AquaLay integrates an insulating layer that prevents downward dissipation, ensuring that heat is directed upwards - right where it's needed.

What truly sets AquaLay apart is its dual functionality: it not only enhances the efficiency of your heating system but also reduces energy waste. By minimising heat loss and directing energy effectively, AquaLay offers superior energy efficiency compared to other brands on the market. This means quicker response times, lower energy consumption and a more uniform heat distribution across the floor. For homeowners and commercial projects alike, AquaLay provides an advanced thermal insulation overlay that delivers optimal warmth, cost savings and a greener footprint, making it the clear choice for those seeking high-performance and sustainability.

Product Catalogue

VipaBoard



Technical Data

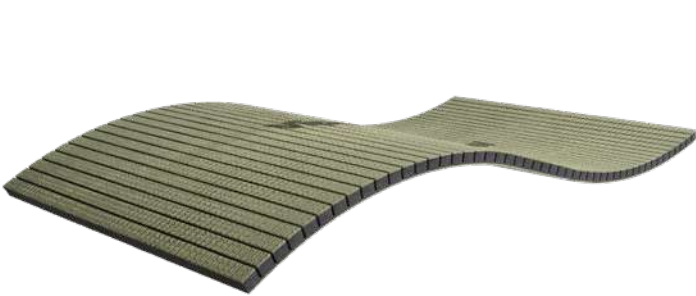
Properties	Value
Compressive Strength (10% deformation) BSEN 826	300 kPa
Thermal Conductivity to BSEN 13164	0.031 W/mK
Water Absorption by Immersion EN12087	≤ 1.5%
Temperature Range	-50°C, + 75°C
Fire Performance EN 13501-1	Euroclass E
Sound Reduction to BS EN ISO 10140-3 test result based on 6mm board	(Δ/w) 19dB
Static loads fixed over concrete and structurally stable floors (calculation based on a 1 mtr x 1 mtr tile fixed over the Vipaboard)	30 Tons per m²

Product Details

ID	Thickness	Size	Weight	U-Value
V1206-04	4mm	600mm x 1200mm	2.15 Kg	3.46 W/m²K
V1206-06	6mm	600mm x 1200mm	2.35 Kg	2.83 W/m²K
V1206-10	10mm	600mm x 1200mm	2.37 Kg	2.14 W/m²K
V1206-12	12.5mm	600mm x 1200mm	2.42 Kg	1.83 W/m²K
V1206-20	20mm	600mm x 1200mm	2.59 Kg	1.27 W/m²K
V1206-30	30mm	600mm x 1200mm	2.81 Kg	0.90 W/m²K
V1206-40	40mm	600mm x 1200mm	3.03 Kg	0.70 W/m²K
V1206-50	50mm	600mm x 1200mm	3.25 Kg	0.57 W/m²K
V1206-60	60mm	600mm x 1200mm	3.47 Kg	0.48 W/m²K
V1206-70	70mm	600mm x 1200mm	3.59 Kg	0.42 W/m²K
V1206-80	80mm	600mm x 1200mm	3.91 Kg	0.37 W/m²K
V2406-10	10mm	600mm x 2400mm	4.74 Kg	2.14 W/m²K
V2406-12	12.5mm	600mm x 2400mm	4.84 Kg	1.83 W/m²K
V2406-20	20mm	600mm x 2400mm	5.18 Kg	1.27 W/m²K
V2406-30	30mm	600mm x 2400mm	5.62 Kg	0.90 W/m²K
V2406-40	40mm	600mm x 2400mm	6.06 Kg	0.70 W/m²K
V2406-50	50mm	600mm x 2400mm	6.51 Kg	0.57 W/m²K
V2406-60	60mm	600mm x 2400mm	6.94 Kg	0.48 W/m²K
V2406-70	70mm	600mm x 2400mm	7.38 Kg	0.42 W/m²K
V2406-80	80mm	600mm x 2400mm	7.82 Kg	0.37 W/m²K
V2412-12	12.5mm	1200mm x 2400mm	9.68 Kg	1.83 W/m²K
V2412-20	20mm	1200mm x 2400mm	10.36 Kg	1.27 W/m²K
V2412-60	60mm	1200mm x 2400mm	13.88 Kg	0.48 W/m²K
V1209-12	12.5mm	900mm x 1200mm	3.60 Kg	1.83 W/m²K
V2409-12	12.5mm	900mm x 2400mm	7.20 Kg	1.83 W/m²K

Product Catalogue

VipaBoard Flexi Panel



Product Details

ID	Thickness	Size	Maximum bending	Cut diection
P0010	20mm	600mm x 1200mm	R 180mm	Long
P0120	20mm	600mm x 2400mm	R 180mm	Long
P0131	20mm	600mm x 1200mm	R 180mm	Short
P0140	60mm	1200mm x 2400mm	R 540mm	Long

Technical Data

Properties	Value
Compressive Strength (10% deformation) BSEN 826	300 kPa
Thermal Conductivity to BSEN 13164	0.031 W/mK
Water Absorption by Immersion EN12087	≤ 1.5%
Temperature Range	-50°C, + 75°C
Fire Performance EN 13501-1	Euroclass E

VipaBoard Bath Panel



Product Details

ID	For Bath Tubs up to 1800mm or 2100mm	Size
S0010	800mm bath end panel	800mm x 600mm x 30mm
S0020	1750mm bath side panel	1750mm x 600mm x 30mm
S0030	2100mm bath side panel	2100mm x 600mm x 30mm

Technical Data

Properties	Value
Compressive Strength (10% deformation) BSEN 826	300 kPa
Thermal Conductivity to BSEN 13164	0.031 W/mK
Water Absorption by Immersion EN12087	≤ 1.5%
Temperature Range	-50°C, + 75°C
Fire Performance EN 13501-1	Euroclass E

VipaBoard Wedge Panel



Product Details

ID	Thickness	Fall Across Length	Width	Gradient of Fall
G0305	20mm reducing to 8mm	1200mm	1200mm	1%
G0310	20mm reducing to 8mm	1200mm	600mm	1%

Technical Data

Properties	Value
Compressive Strength (10% deformation) BSEN 826	300 kPa
Thermal Conductivity to BSEN 13164	0.031 W/mK
Water Absorption by Immersion EN12087	≤ 1.5%
Temperature Range	-50°C, + 75°C
Fire Performance EN 13501-1	Euroclass E

VipaBoard Wall Niche



Product Details

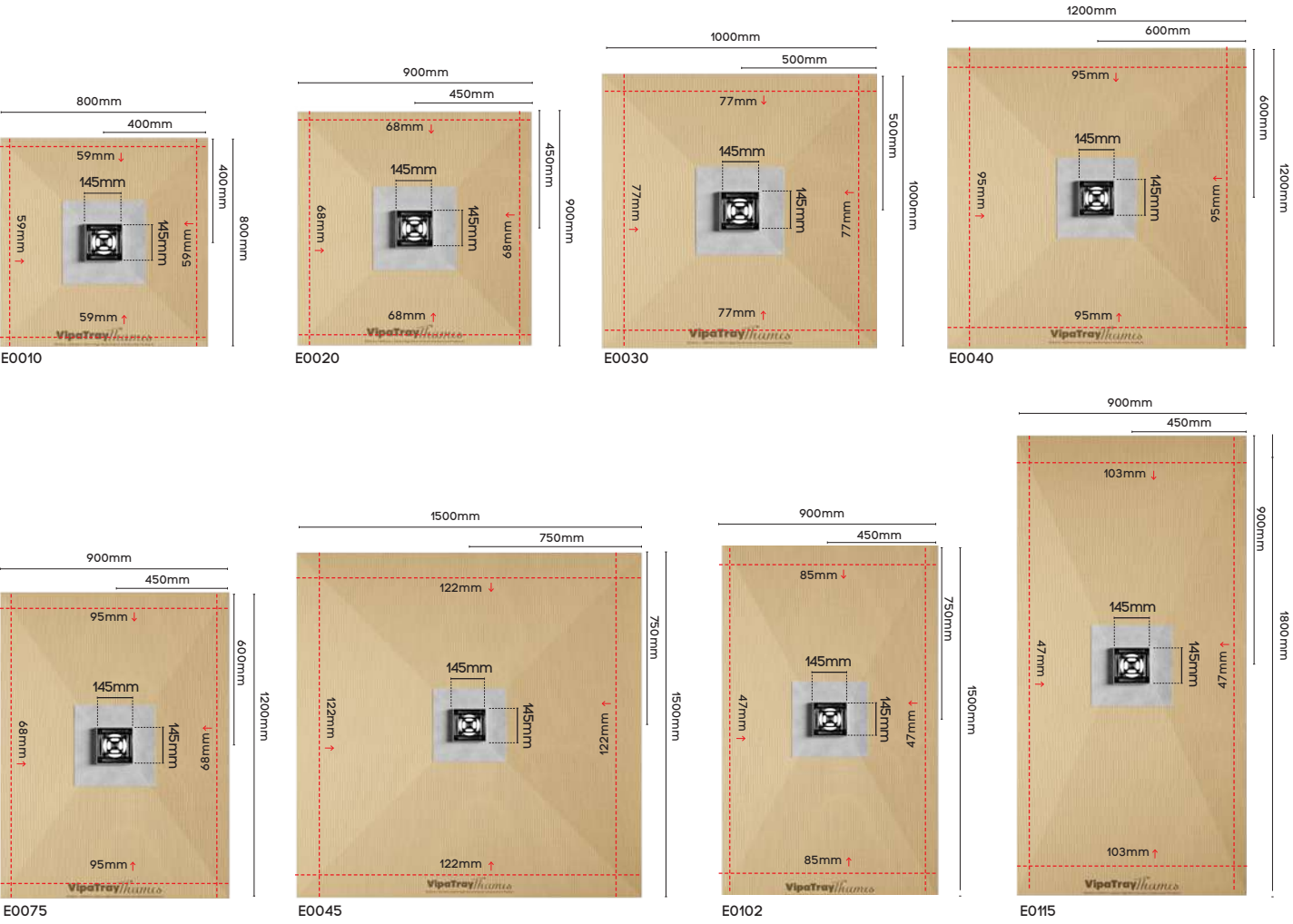
ID	External Dimensions	Internal Dimensions
S0050	250mm x 340mm x 120mm	190mm x 280mm x 107.5mm
S0060	350mm x 340mm x 120mm	290mm x 280mm x 107.5mm
S0070	450mm x 340mm x 120mm	390mm x 280mm x 107.5mm
S0090	370mm x 670mm x 120mm	310mm x 610mm x 107.5mm
S0110	370mm x 1275mm x 120mm	310mm x 1215mm x 107.5mm

Technical Data

Properties	Value
Compressive Strength (10% deformation) BSEN 826	300 kPa
Thermal Conductivity to BSEN 13164	0.031 W/mK
Water Absorption by Immersion EN12087	≤ 1.5%
Temperature Range	-50°C, + 75°C
Fire Performance EN 13501-1	Euroclass E

Product Catalogue

VipaTray Thames Centre



Product details

ID	Size	Depth	Drain Position	Fall to Drain
E0010	800mm x 800mm	22mm	Centre	-11mm
E0020	900mm x 900mm	22mm	Centre	-11mm
E0030	1000mm x 1000mm	22mm	Centre	-11mm
E0040	1200mm x 1200mm	22mm	Centre	-11mm
E0075	900mm x 1200mm	22mm	Centre	-11mm
E0045	1500mm x 1500mm	27mm	Centre	-16mm
E0102	900mm x 1500mm	27mm	Centre	-16mm
E0115	900mm x 1800mm	27mm	Centre	-16mm

Technical Data

Properties	Value
Compressive Strength (10% deformation) BSEN 826	300 kPa
Thermal Conductivity to BSEN 13164	0.031 W/mK
Water Absorption by Immersion EN12087	≤ 1.5%
Temperature Range	-50°C, + 75°C
Fire Performance EN 13501-1	Euroclass E

VipaTray Thames drain kits

A drain kit is required for all VipaTrays, both Thames & Trent. The below shows compatible drain kits for trays shown on opposite page.



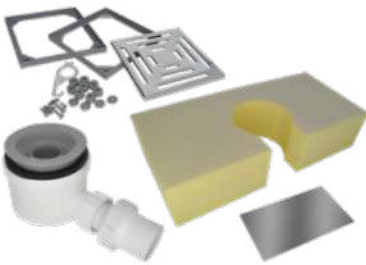
A PCS Waterproofing Kit is recommended for the installation of the VipaTrays. For more information, see page 47.

For use with Timber Floors

Thames Standard Drain Kit including:

Horizontal Drain Body, Stainless Steel Grate, 10mm Frame, Raising Kit, 100mm Drain Fitting Aid & Stainless Steel Cover Plate.

(50mm Water Seal Trap)



Product details

ID	Drainage quantity
J0216	42 Litres per minute

For use with All Floor Types

Thames Shallow Drain Kit including:

Shallow Horizontal Drain Body, Stainless Steel Grate, 10mm Frame, Raising Kit, 80mm Drain Fitting Aid & Stainless Steel Cover Plate.

(50mm Water Seal Trap)



Product details

ID	Drainage quantity
J0218	34 Litres per minute

For use with All Floor Types

Thames Vertical Drain Kit including:

Vertical Drain Body, Stainless Steel Grate, 10mm Frame, Raising Kit, 100mm Drain Fitting Aid & Stainless Steel Cover Plate.

(50mm Water Seal Trap)



Product details

ID	Drainage quantity
J0217	50 Litres per minute

Product Catalogue

VipaTray Thames Offset



Product details

ID	Size	Depth	Drain Position	Fall to Drain
E0060	1000 x 1000mm	22mm	Corner	-11mm
E0080	1000 x 1200mm	22mm	Offset	-11mm
E0090	1200 x 1200mm	22mm	Offset	-11mm
E0070	800 x 1200mm	22mm	Offset	-11mm
E0076	900 x 1200mm	22mm	Offset	-11mm
E0100	800 x 1500mm	27mm	Offset	-16mm
E0105	900 x 1600mm	27mm	Offset	-16mm
E0120	900 x 1800mm	30mm	Offset	-19mm

Technical Data

Properties	Value
Compressive Strength (10% deformation) BSEN 826	300 kPa
Thermal Conductivity to BSEN 13164	0.031 W/mK
Water Absorption by Immersion EN12087	≤ 1.5%
Temperature Range	-50°C, + 75°C
Fire Performance EN 13501-1	Euroclass E

VipaTray Thames drain kits

A drain kit is required for all VipaTrays, both Thames & Trent. The below shows compatible drain kits for trays shown on opposite page.



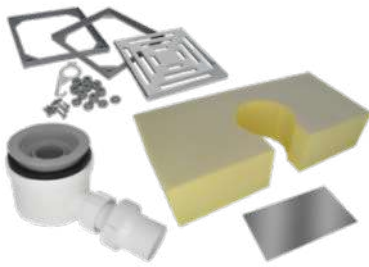
A PCS Waterproofing Kit is recommended for the installation of the VipaTrays. For more information, see page 47.

For use with Timber Floors

Thames Standard Drain Kit including:

Horizontal Drain Body, Stainless Steel Grate, 10mm Frame, Raising Kit, 100mm Drain Fitting Aid & Stainless Steel Cover Plate.

(50mm Water Seal Trap)



Product details

ID	Drainage quantity
J0216	42 Litres per minute

For use with All Floor Types

Thames Shallow Drain Kit including:

Shallow Horizontal Drain Body, Stainless Steel Grate, 10mm Frame, Raising Kit, 80mm Drain Fitting Aid & Stainless Steel Cover Plate.

(50mm Water Seal Trap)



Product details

ID	Drainage quantity
J0218	34 Litres per minute

For use with All Floor Types

Thames Vertical Drain Kit including:

Vertical Drain Body, Stainless Steel Grate, 10mm Frame, Raising Kit, 100mm Drain Fitting Aid & Stainless Steel Cover Plate.

(50mm Water Seal Trap)

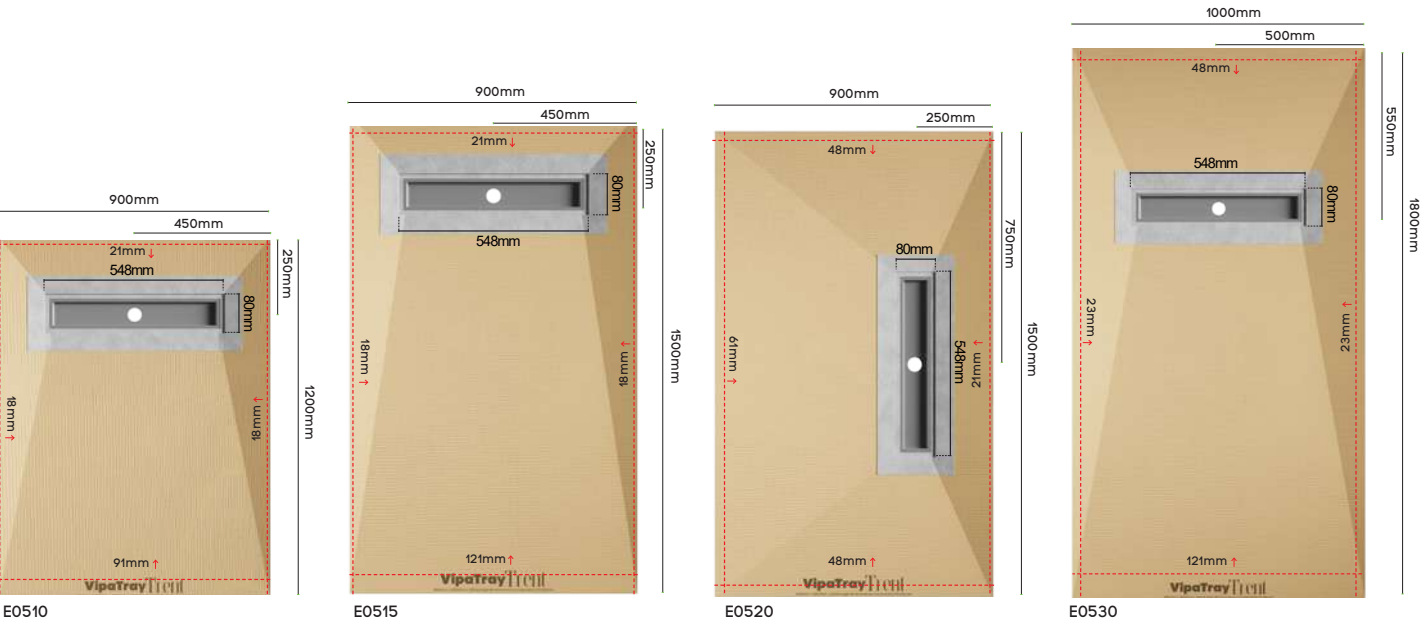


Product details

ID	Drainage quantity
J0217	50 Litres per minute

Product Catalogue

VipaTray Trent



Product details

ID	Size	Depth	Drain Position	Fall to Drain
E0510	900 x 1200mm	30mm	End	-20mm
E0515	900 x 1500mm	30mm	End	-20mm
E0520	900 x 1500mm	30mm	Side	-20mm
E0530	1000 x 1800mm	30mm	End	-20mm

Technical Data

Properties	Value
Compressive Strength (10% deformation) BSEN 826	300 kPa
Thermal Conductivity to BSEN 13164	0.031 W/mK
Water Absorption by Immersion EN12087	≤ 1.5%
Temperature Range	-50°C, + 75°C
Fire Performance EN 13501-1	Euroclass E

VipaTray Trent drain kits

A drain kit is required for all VipaTrays, both Thames & Trent. The below shows compatible drain kits for trays shown on opposite page.



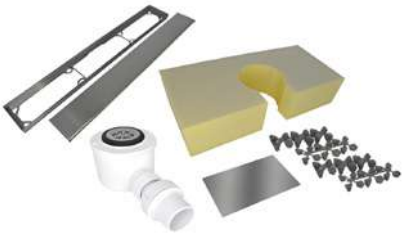
A PCS Waterproofing Kit is recommended for the installation of the VipaTrays. For more information, see page 47.

For use with Timber Floors

Trent Standard Drain Kit including:

Horizontal Drain Body, Stainless Steel Tile-Into Grate, Raising Spacers, 100mm Drain Fitting Aid & Stainless Steel Cover Plate.

(50mm Water Seal Trap)



Product details

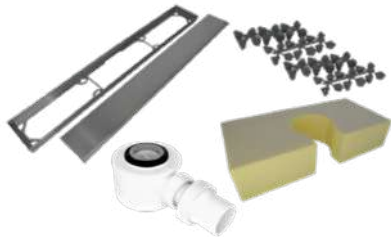
ID	Drainage quantity
J0209	36 Litres per minute

For use with Solid Floors/Raising Plinths

Trent Raised Drain Kit including:

Horizontal Drain Body, Stainless Steel Tile-Into Grate, Raising Spacers, 100mm Drain Fitting Aid & Stainless Steel Cover Plate.

(50mm Water Seal Trap)



Product details

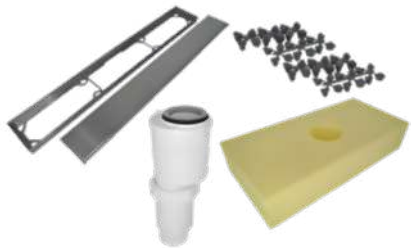
ID	Drainage quantity
J0206	36 Litres per minute

For use with All Floor Types

Trent Vertical Drain Kit including:

Vertical Drain Body, Stainless Steel Tile-Into Grate, Raising Spacers & 100mm Drain Fitting Aid.

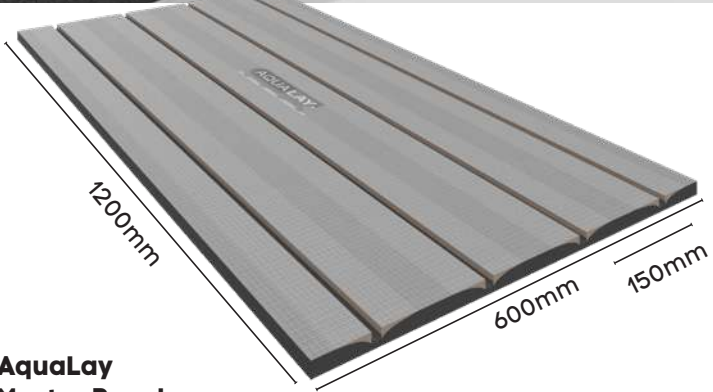
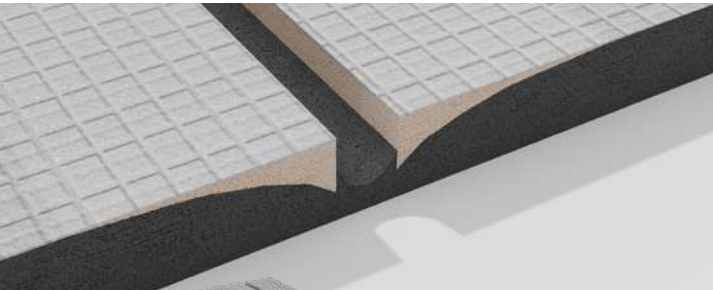
(50mm Water Seal Trap)



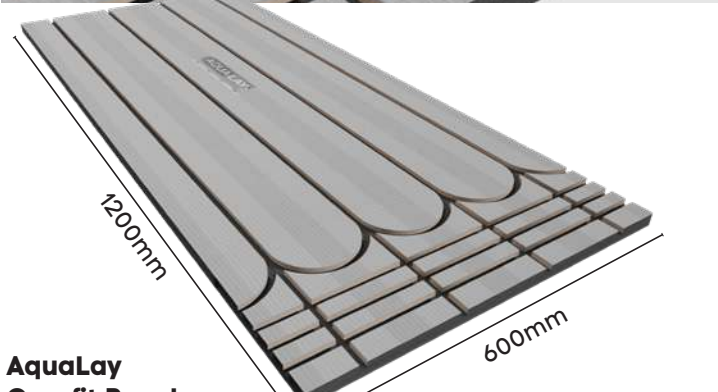
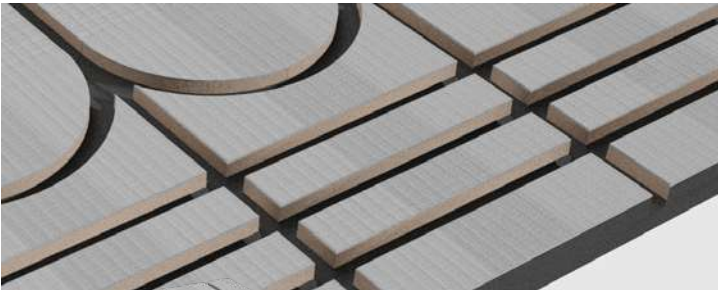
Product details

ID	Drainage quantity
J0211	28 Litres per minute

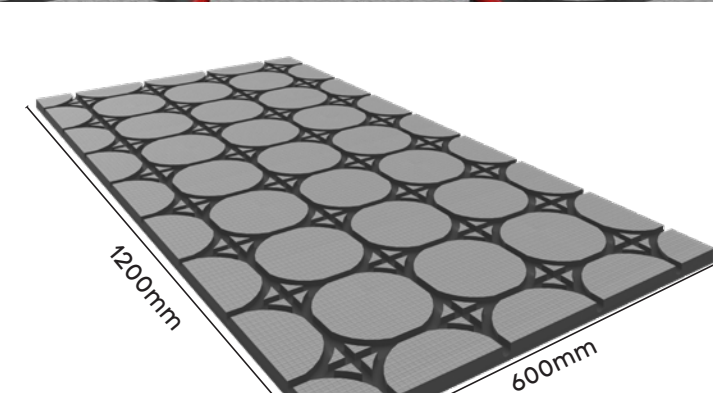
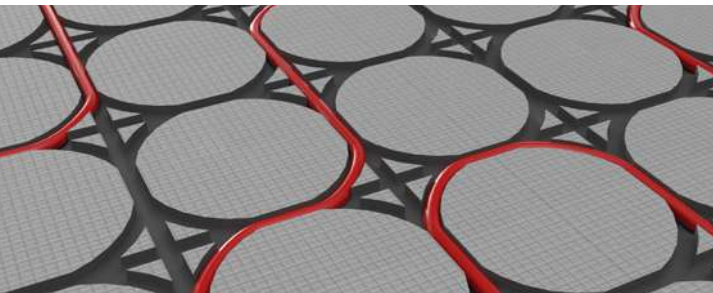
AquaLay® Panel Information



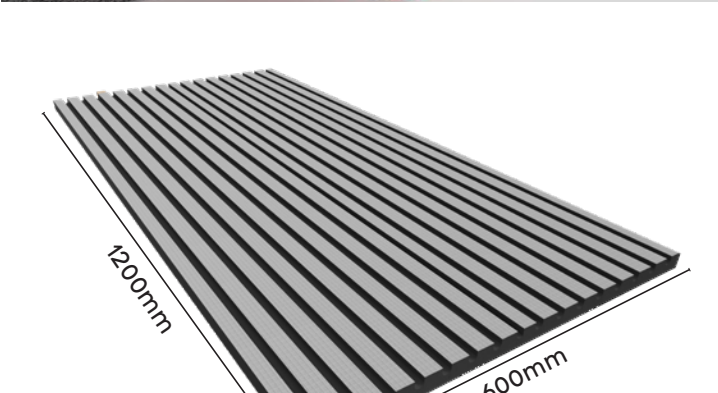
AquaLay Master Panel:
AQMP018
AQMP022



AquaLay One-fit Panel:
AQOP018
AQOP022



AquaLay Universal Panel:
AQUP018
AQUP022



AquaLay Multiflow Panel:
AQMF018
AQMF022

Product Details

	ID	Thickness	Size	Weight	Pipe Diameter	Pipe Centres
Master Panel	AQMP018	18mm/4 Channel	1200mm x 600mm	4.6kg	12mm	150mm
	AQMP022	22mm/4 Channel	1200mm x 600mm	5.2kg	16mm	150mm
One-fit Panel	AQOP018	18mm/4 Channel	1200mm x 600mm	4.6kg	12mm	150mm
	AQOP022	22mm/4 Channel	1200mm x 600mm	5.2kg	16mm	150mm
Universal Panel	AQUP018	18mm/4 Channel	1200mm x 600mm	2.6kg	12mm	150mm
	AQUP022	22mm/4 Channel	1200mm x 600mm	2.8kg	16mm	150mm
Multiflow Panel	AQMF018	18mm/16 Channel	1200mm x 600mm	2.6kg	12mm	35mm
	AQMF022	22mm/16 Channel	1200mm x 600mm	2.8kg	16mm	35mm

Technical Data

Properties	Thickness
Panel Thickness	18mm, 22mm
Pipe Centres	150mm
Pipe Channel Diameter	12mm, 16mm
Compressive Strength	300kPa
Thermal Conductivity of XPS core	0.031 W/m²K
Thermal Conductivity of Heat Transfer Core	1.4 W/m²K
Fire Performance	Euro class E

AquaLay Output

Table below shows indicative performance data for AquaLay master panel based upon BSEN 1264 Pt (2).

(calculations based on ambient room temperature at 20 degrees centigrade)

Mean Water Temperature (°C)	Pipe Diameter (mm)	Pipe Spacing (mm)	Output W/m² (with 10mm thick Porcelain Tiles)	Output W/m² (with 10mm thick Oak Flooring)	Output W/m² (with 10mm Carpet)
40.5	12	150	101	58	54
40.5	16	150	105	60	53
45.5	12	150	130	74	69
45.5	16	150	135	77	69
50.5	12	150	159	91	85
50.5	16	150	165	94	85

Product Catalogue

VipaTek



Advanced Adhesive & Sealant

Build it | Board it | Bond it

VipaTek is a multipurpose, high-performance construction adhesive & sealant, designed to cure to a durable rubber matrix that permanently retains its elasticity & adhesive properties.

VipaTek is specifically formulated for use with PCS products like VipaBoard, VipaTray & AquaLay, but also versatile enough to bond a wide range of construction materials including metal, ceramic, glass, porcelain, wood, MDF and more.

Its exceptional adhesion properties ensure a strong, flexible bond that can accommodate movement between surfaces, providing durability and longevity in every project.

ID	Description	Size
J0107	VipaTek – Adhesive & Sealant	290ml

Ancillaries



PCS stock a comprehensive range of ancillary items and fixing accessories to support the installation of the PCS range of construction products. The type of fixing materials required to securely and permanently fix the PCS product range can vary depending on the type of product purchased and the project into which the products are installed.

Our range of ancillary products and fixing materials are designed to provide the correct fixing solution for your project. If you are unsure on which materials you require, we are happy to help and can offer support and technical advice whenever it is needed.


PCS Waterproofing Kit

ID	Description	Size
J0147	1x PCS Waterproofing Paste	2.5kg
	1x Waterproof Fleece Tape	30m x 100mm
	2x Waterproof Fleece Internal Corner	120mm x 120mm
	1x Vipatek	290ml
	2x Flexible Pipe Covers	120mm x 120mm
	Pair of Latex Gloves	-
	Installation Instructions	-




Product Catalogue

Ancillaries



Fasteners

	ID	Description	Screw Length	Qty. Screws (per pack)	Qty. Washers (per pack)
	K0060	Zinc plated screw with 35mm galvanised washer	25mm	50	50
	K0080	Zinc plated screw with 35mm galvanised washer	45mm	50	50










Washers

	ID	Description	Qty. Washers (per pack)
	K0129	35mm galvanised washer	50
	K0130	35mm galvanised washer	100
	K0120	35mm stainless washer	100
	K0121	35mm stainless washer	50
	K0133	Plastic washer 40mm diameter	100
	K0134	Plastic washer 40mm diameter	50

Dowels

	ID	Description	Dowel Fixing Length	Qty. Washers (per pack)
	K0122	Galvanised dowel 80mm x 8mm (For use with Vipaboard up to 20mm thick)	80mm	10
	K0123	Galvanised dowel 80mm x 8mm (For use with Vipaboard up to 20mm thick)	80mm	50
	K0126	Galvanised dowel 110mm x 8mm (For use with Vipaboard up to 50mm thick)	110mm	10
	K0127	Galvanised dowel 110mm x 8mm (For use with Vipaboard up to 50mm thick)	110mm	50







Adhesives & Waterproofing Materials

	ID	Description	Size
	J0107	VipaTek - Adhesive & Sealant	290ml
	J0102	PCS Waterproofing Paste	2.5kg
	J0100	PCS Waterproofing Paste	5kg
	J0049	Self Adhesive Butyl Fleece Tape	10mtr x 100mm
	J0050	Joint Reinforcing Tape	50mtr x 100mm
	J0051	Waterproof Fleece Tape	30mtr x 100mm
	J0057	Waterproof Internal Corner Tape	120mm x 120mm
	J0058	Waterproof External Corner Tape	120mm x 120mm
	J0059	Flexible Pipe Collars	120mm x 120mm
	ME013	Vipa Mesh 150	50mtr x 1mtr
	ME011	Panzer Mesh 300	25mtr x 1mtr

Product Catalogue

Ancillaries





Drains

	ID	Description	Litres Per Minute Drainage
	J0036	Thames Standard Drain supplied with Stainless Steel Grate, 10mm Frame and Raising Pack. (50mm Water Seal Trap) For use with Timber Floors	42
	J0034	Thames Shallow Drain supplied with Stainless Steel Grate, 10mm Frame and Raising Pack. (50mm Water Seal Trap) For use with All Floor Types & Raising Plinths	34
	J0028	Thames Vertical Drain supplied with Stainless Steel Grate, 10mm Frame and Raising Pack. (50mm Water Seal Trap) For use with All Floor Types	50
	J0032	Trent Standard Drain (50mm Water Seal Trap) For use with Timber Floors	36
	J0089	Trent Raised Drain (50mm Water Seal Trap) For use with All Floor Types & Raising Plinths	36
	J0031	Trent Vertical Drain (50mm Water Seal Trap) For use with All Floor Types	28

Drain Fitting Aids

	ID	Description
	J0022	80mm Shallow Drain Fitting Aid for Shallow Horizontal Drain (Thames)
	J0021	100mm Drain Fitting Aid for Vertical Drain (Trent)
	J0023	100mm Drain Fitting Aid for Horizontal Drain (Thames) Vertical Drain (Thames) Horizontal Drain (Trent)

Grates & Frames

	ID	Description
	J0248	Tile-Into Square Grate
	J0249	Thames Frame Pack 1x Stainless Steel Grate 1x 10mm Frame (plastic) 1x 7.5mm Frame (plastic) 1x Frame Raising Pack
	J0082	Thames Grate Pressed Stainless Steel Grate
	J0099	Trent Frame Pack 1x Universal Grate 1x Stainless Steel Frame 1x Frame Raising Pack



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REV. 1