

SNUG

UNDERFLOOR HEATING

SNUG LOW-PROFILE SYSTEM



FIRST TRACE

HEATING DIRECT

Quayside Court, Navigation Way

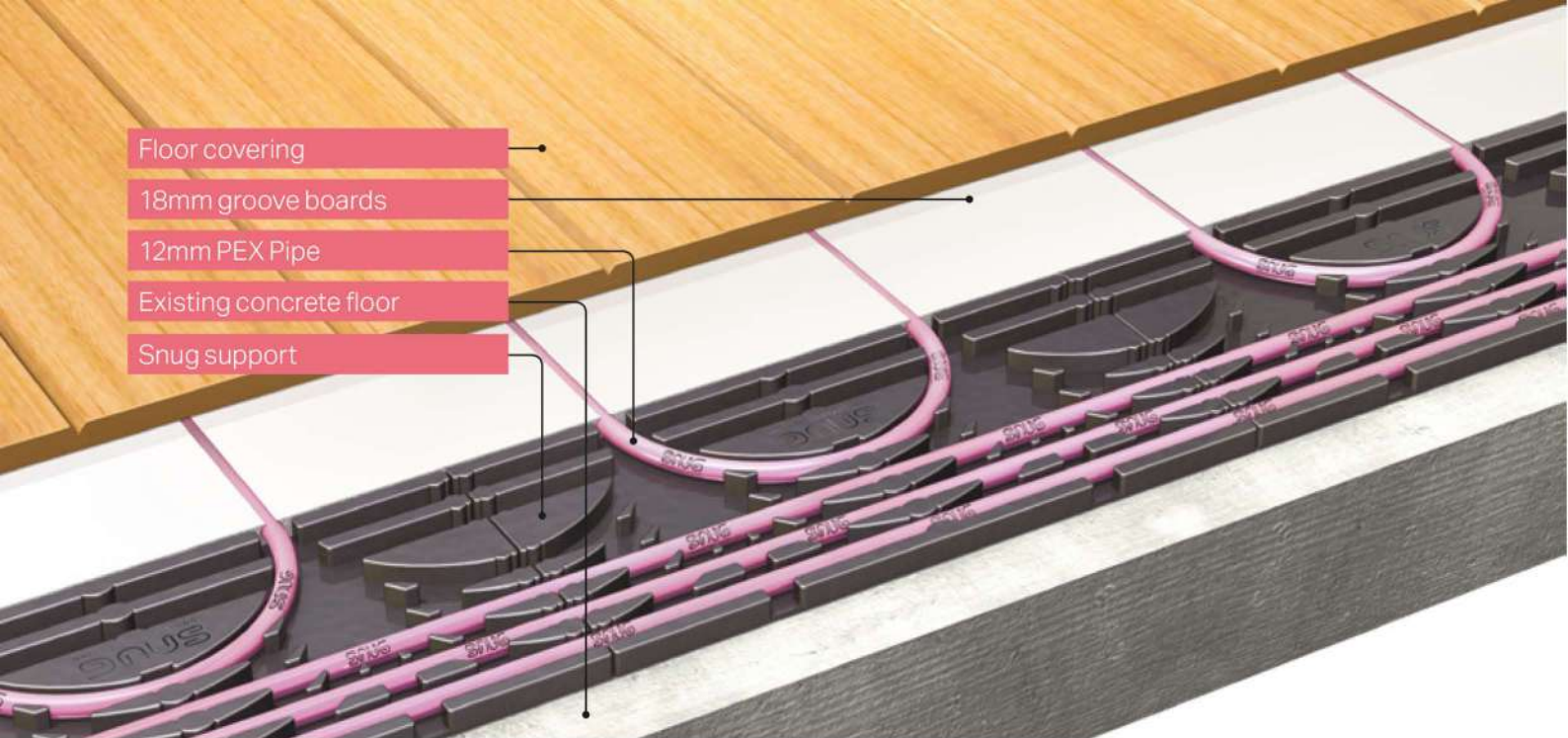
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Low-profile systems

Low-profile groove boards

What's unique about the Snug system?

- It's 45% cheaper than castellations mats and levelling compound.
- It saves valuable floor height. On average it's 3mm lower than using a low-profile castellation system with 16mm pipes and levelling compound.
- It's fast. Because it doesn't need levelling compound, you don't have to wait for anything to cure, so you can just tile straight on top.
- Our low-profile groove boards hold heat so it slowly radiates into the room, making the system extremely energy efficient and spreading heat more evenly than a typical or levelled system.

When should I choose them?

- When height is an issue so you need to save space.
- When you're fitting on top of floor boards and the joists below aren't regularly spaced.
- Either in new builds or retrofit projects.
- When there's no room for insulation (works well with or without).

What are the benefits?

- They're very fast to install.
- Fitting is an easy, one-person job.
- They're very low profile, at only 18mm deep.
- They distribute heat very evenly.

- You can use them with any flat floor finish.
- They're pre-spaced for you at 150mm.
- They're good for regular shaped rooms.
- They generate outputs of up to 104.4w/m².

System outputs based on similar products (independent testing in progress)

FLOW TEMP °C	TILE	WOOD	CARPET (1.5 TOG)
55	104.4 w/m ²	77 w/m ²	64.1 w/m ²
50	87.7 w/m ²	64.7 w/m ²	53.9 w/m ²
45	71.1 w/m ²	52.4 w/m ²	43.7 w/m ²
40	54.4 w/m ²	40.1 w/m ²	33.4 w/m ²

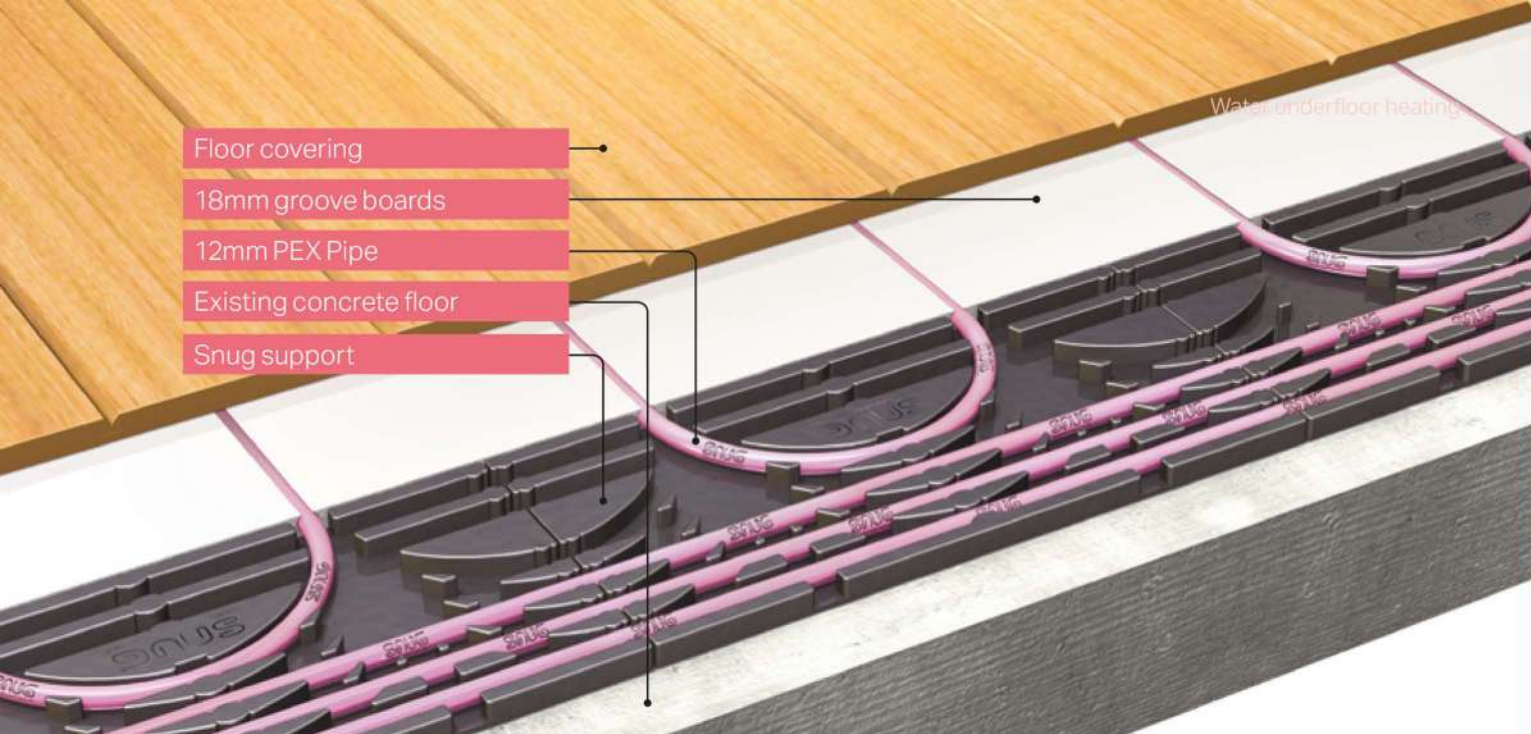
Patterns you can use with this system

Suitable for PEX pipes (12mm x 2mm).



The dimensions

- Pipe size: 12mm ø.
- Maximum pipe length: 80m.
- Maximum area per manifold: 144m².
- Maximum area covered by one circuit: 12m² (pre-spaced at 150mm)
- Board size: 800 x 600 x 18mm.



Low-profile systems

Snug Supports Our low-profile ends

What's unique about the Snug system?

- Our Snug Support low-profile ends make it easier to install pipes in narrow halls than with castellated mats.
- They're installer friendly, letting pipework turn easily within the room for fast, simple, stress-free fitting.
- Combining the Snug Support low-profile ends with our low-profile groove boards means you won't need any levelling compounds or ply boards on top. That means there's no wait for floors to cure, and you can tile or lay wood floors straight on top. You'll also get maximum heat output.
- They're the most versatile end plate on the market, as you can see from the chart below.
- The unique design means you'll never need to cut into them.
- Our two size options give you a combined ten straight runs and six bends, so you'll have plenty of options when it comes to laying your pipes.

When should I choose them?

- When you're using our Snug low-profile groove boards. The two combine to create a complete system.
- When height is an issue so you need to save space.
- When you're fitting on top of floor boards and the joists below aren't regularly spaced.
- Either in new builds or retrofit projects.
- When there's no room for insulation (works well with or without).

What are the benefits?

- They're suitable for large and small areas.
- They go round corners easily and effectively.
- Pipe runs are spaced close together, so they fit in narrow hallways.
- They're available in two sizes and we can advise on the right one for your project.
- There's no waste because each one's sold individually and we'll calculate how many you need.
- They come with integrated pipe locking clips.

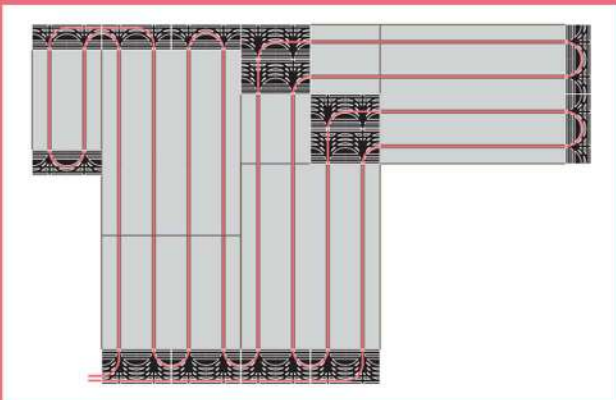
The most versatile end-plate on the market

The Snug low-profile system, combining the Snug Groove Boards and Snug Support low-profile ends, is the easiest and quickest solid low profile system available on the market.

Laying a low-profile system can be a tricky and confusing task; knowing how and where to lay the supplied products, without running out of components is key. At Snug we provide easy to follow, hassle free designs, complete with pipe layouts as well as detailed plans advising where Snug Groove Boards and Snug Supports should be laid; eliminating all the guess work from your project.

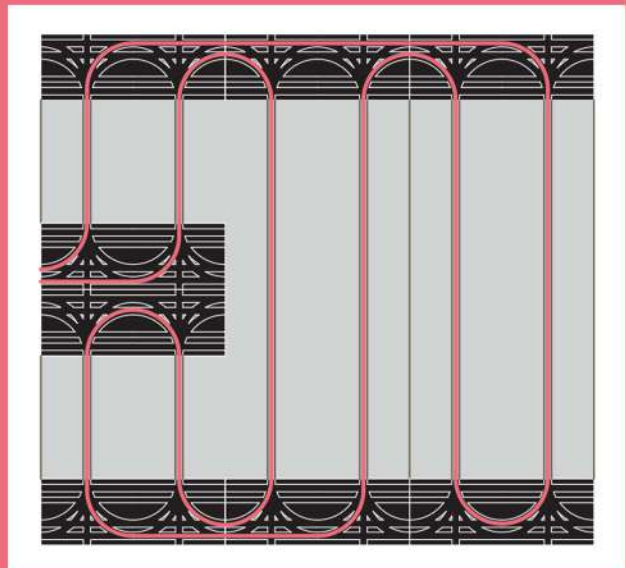
Our expert design team and systems will also provide you with an exact materials list, resulting in reduced excess products or reorders of additional materials, that you may have run out of mid job, saving you time and additional expense. The below diagrams demonstrate the versatility of the Snug Low Profile system.

Turn in the room



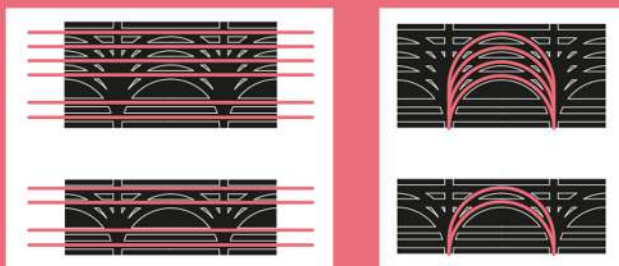
Allowing the pipe to turn in the room makes the Snug Support adaptable and easy to install, even in irregular shaped rooms.

Double back from connection pipes



The multiple bends in the Snug Support allow you to fill all the gaps in your room. A traditional system would typically leave a small area unheated near the door, leaving unpleasant cold spots in walkways.

Bends and straights



The combined 10 closer spaced pipes between two adjoining Snug Supports, feeder pipes will no longer take up considerable space in narrow hallways. This design allows the feeder pipes to be tucked up against the wall; reducing interference with the even heat of the rest of the room.

Plus, with the combined 6 bends between the Snug Supports, you are never short of options of how to lay your underfloor heating.

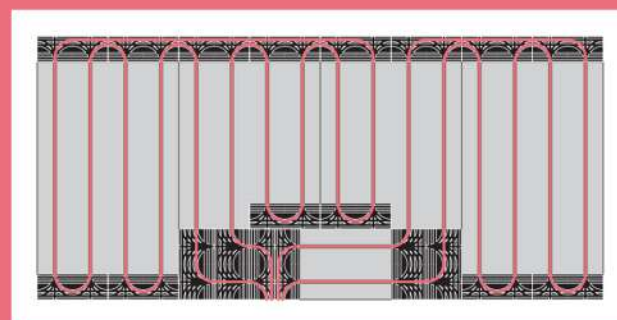
**"It's the easiest and
quickest solid low
profile system available
on the market"**

The most versatile end plate on the market

See how our Snug Support low-profile ends compare to the competition.

COMPANY	PIPE RETURN	PIPE CLIPS	TURN 90°	NO WASTE	EASY TO NAVIGATE SMALL SPACES	EASY TRANSITION	PRE-CUT FOR YOU
First trace	✓	✓	✓	✓	✓	✓	✓
Polypipe	✗	✗	✗	✗	✓	✓	✗
Solflex/UFH	✓	✓	✗	✗	✗	✓	✓
Myson	✓	✗	✓	✗	✗	✓	✗
Wavin	✓	✗	✗	✗	✗	✗	✗
Speedfit	✓	✗	✗	✗	✗	✗	✗

Spaced out connection pipes



The Snug Support's clever design removes the need for closely spaced pipes around the entrance of a room, allowing the system to produce a comfortable and even heat for the whole room.

**Our technical team is always happy to help.
Just call 01772 761 333 or email
sales@firsttrace.co.uk**