SPREADER PLATES

Fit From Below Aluminium Double Spreader Plate

Add UFH from underneath a joisted floor.

A 150mm wide double-channel aluminium spreader plate that fixes to the underside of the floor deck between the joists. Add underfloor heating from below, from a cellar or ceiling void, without lifting the floorboards.

CODE

MH-FFB-150

PRODUCT



01 · IN THE BOX

What you get

- 1 spreader plate

02 · YOU WILL NEED

Tools and materials

- Cordless screwdriver and pan head chipboard screws
- Saw or hacksaw
- Tape measure
- Card or timber for a spacer template
- Staple gun
- Gloves and safety glasses

03 · SAFETY

Before you start

- Installation should be carried out by a competent installer, in line with the system design and BS EN 1264.
- All joist notching must meet Building Regulations; ask a structural engineer if in doubt.
- Plate edges and corners are sharp: wear gloves and safety glasses, and take care working overhead.

04 · INSTALLATION

Fit it in 8 steps.

1. **Study the pipe layout.** Notch the joists for the pipe to cross, to Building Regulations, before fitting plates.
2. Offer a plate up centred in the joist bay, measure from its edge to the joist and cut a spacer template to that size.
3. Screw the plate to the underside of the deck at six points, no closer than 40mm to any edge. Screws must be shorter than the deck is thick.
4. Start and finish each run 250 to 300mm from the wall so the pipe can turn into the other channel.
5. **Leave 15mm between plate ends for expansion.** Cut plates to length as needed.
6. **Fit the manifold first.** Lay the pipe to the outside walls first, working back to the manifold; two people make it easier.
7. **Press the pipe into the channels.** Where it passes through a notch, form a wide "light bulb" end so it does not kink.
8. Fit at least 100mm of mineral wool below, with a 20 to 50mm air gap under the pipes.

05 · TESTING AND COMMISSIONING

Test, check, then hand over

- [x] Pressure test all loops to BS EN 1264 before the ceiling is closed up.
- [x] Check the ceiling fixings below will be clear of all pipework.

06 · CARE AND MAINTENANCE

Keep it working

- With wooden floor finishes, use a floor probe to keep the floor surface to 27°C or less.

07 · GOOD TO KNOW

How many do I need?

It depends on the joist spacing and the room size. send us your plans and we'll work out the plates and pipe for you.

08 · QUESTIONS

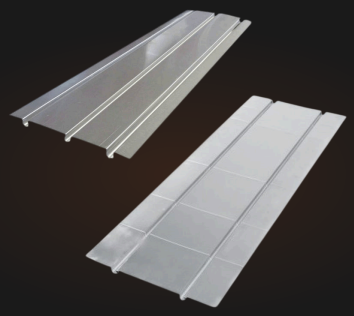
Asked by installers

When should I use fit from below plates?
When you can get under the floor and would rather not lift the floorboards.

How wide is it?
150mm.

09 · WORKS WITH

Parts that fit with it



Aluminium Heat Diffuser Plate, fitted from above



PERT-AL-PERT Multilayer UFH Pipe

ALSO WORKS WITH

Joisted floor systems

SCAN ME

Watch how it works and fits

Point your phone camera at the code to watch the video.

QUESTIONS ON SITE?

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DELIVERY
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