SPREADER PLATES

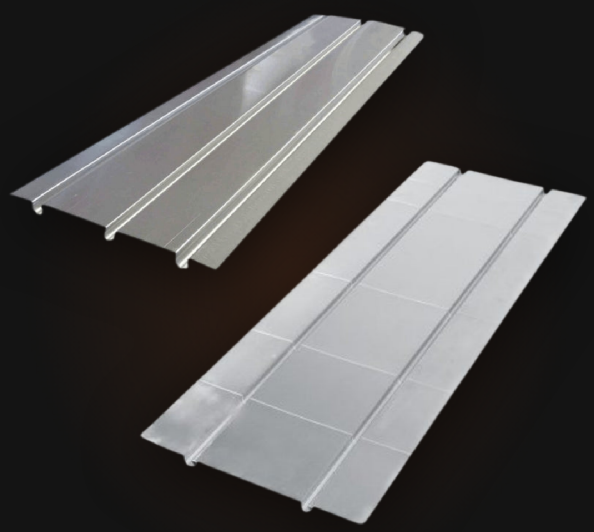
Aluminium Heat Diffuser Plate
Spreader plate for joisted floors.

An aluminium heat diffuser (spreader) plate for underfloor heating in joisted floors. The pipe clips into the channel and the aluminium spreads its heat across the floor deck above, so the floor warms evenly.

CODES

MH-AHDP-1, MH-AHDP-2, MH-AHDP-3

PRODUCT



01 · IN THE BOX

What you get

- 1 aluminium plate

02 · YOU WILL NEED

Tools and materials

- Battens and rigid insulation board
- Screws or nails
- Tin snips or saw to trim plates
- Drill and saw for joist notches
- Gloves

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 and drilling must meet Building Regulations Part A; ask a structural engineer if in doubt.
- Aluminium plate edges can be sharp: wear gloves and take care on open joists.

04 · INSTALLATION

Fit it in 8 steps.

1. Fix a batten to each side of the joist and lay at least 50mm of rigid insulation on the battens, so the plate sits level with the top of the joists.
2. Check the pipe layout and manifold position against the joists on site.
3. Lay the first plate, starting at least 250mm from the wall to leave room for the pipe to turn through a notch. Screw or nail it in place.
4. Carry on laying plates with at least a 5mm gap between ends and edges. Never overlap plates.
5. Fill joist bays with no pipe using insulation board.
6. Notch or drill the joists where the pipe crosses them; all notches and holes must meet Building Regulations Part A.
7. Lay the pipe from the manifold in a serpentine pattern, pressing it into the channels.
8. Lay the floor deck so it sits directly on the plates with no air gaps.

05 · TESTING AND COMMISSIONING

Test, check, then hand over

- ☑ Pressure test all loops to BS EN 1264 before the floor deck goes down.
- ☑ Check every plate is in full contact with the deck: air gaps cut the heat output.

06 · CARE AND MAINTENANCE

Keep it working

- Plate edges can be sharp. Wear gloves when handling and cutting.

07 · GOOD TO KNOW

How many do I need?

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

08 · QUESTIONS

Asked by installers

What is a spreader plate for?

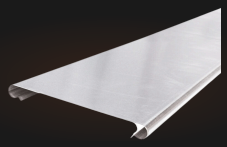
It spreads heat from the pipe across the floor deck, which timber floors need to heat evenly.

Which type should I choose?

It depends on how many pipe runs sit between each pair of joists. Ask us if you're not sure.

09 · WORKS WITH

Parts that fit with it



Fit From Below Double Spreader Plate



PERT-AL-PERT Multilayer UFH Pipe



Pipe Support Bend

10 · JOB RECORD

Fill in on site, keep for the handover

Site / room

Installed by

Date

Test result

Notes

SCAN ME

Watch how it works and fits

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

QUESTIONS ON SITE?

sales@maxheatufh.com **07539 499069**

WEB
maxheatufh.com

DELIVERY
Order by 12pm for next working day delivery