UFH PANELS & BOARDS

MaxHeatPro Foil-Faced EPS Panel

Grooved EPS panel with aluminium foil face, 1200 x 600mm.

A dual-purpose grooved EPS underfloor heating panel with a 100 micron aluminium foil face that spreads heat from the pipe across the floor. Lay it as a floating floor under wood or laminate, or bond it down and tile straight on top.

CODES

MaxHeatPro-16, MaxHeatPro-20

PRODUCT



01 · IN THE BOX

What you get

- MaxHeatPro panels, 1200 x 600mm

02 · YOU WILL NEED

Tools and materials

- Knife, straight edge and tape measure
- Router (for extra channels)
- Brush or roller for primer
- Notched trowel
- Foil or mesh tape
- Pipe decoiler
- Pressure test pump

03 · SAFETY

Before you start

- Installation should be carried out by a competent installer, in line with the system design and BS EN 1264.
- Wear a dust mask and eye protection when cutting boards, and gloves when handling adhesives, primers and compounds.
- Follow the instructions and safety data sheets for every primer, adhesive and levelling compound used with the system.

04 · INSTALLATION

Fit it in 8 steps.

1. **Make sure the subfloor is sound, flat and clean.** Concrete must be at least six weeks old and dry. Over timber, use structural ply, screwed down at 150mm centres.
2. Floating floor (wood or laminate): lay the panels grooves up, tape the joints with foil tape, lay the pipe, then a low-tog or perforated underlay, with the floorboards at 90° to the pipe runs.
3. Bonded floor (tiles): dry-lay and number the panels, then prime the underside of each panel and the subfloor. The subfloor primer is diluted 3 parts water to 1 part primer.
4. Bed the panels primed side down into flexible tile adhesive (at least a 3mm bed), pressing them down for full contact. Over timber, add screws and washers at 300mm centres.
5. **Tape the panel joints with mesh or foil tape.** Let the adhesive set (about 4 hours) before working on the floor.
6. **Clear every groove, then press the pipe in.** Unroll it with a decoiler so it does not spring out at the panel ends, and use crawl boards in busy areas.
7. **Prime the top of the panels.** Cut through the foil over any empty channels so adhesive or compound can fill them fully.
8. Tile direct with a flexible adhesive, filling every channel, or pour a levelling compound first (see table).

05 · TESTING AND COMMISSIONING

Test, check, then hand over

- [x] Pressure test all pipework to BS EN 1264 before any tiles, compound or flooring go down.
- [x] Record the test pressure, duration and result for the handover.

06 · CARE AND MAINTENANCE

Keep it working

- Leave the system off for at least 14 days, then raise the water temperature by 5°C a day to the working maximum (normally 45°C).
- On floating floors, do not set the mixing valve above 55°C.
- Wood floors are normally limited to 27°C surface temperature. Fit a floor probe where the flooring maker sets a limit.

07 · MINIMUM LEVELLING COMPOUND OVER THE PANELS (IF USED)

FLOOR FINISH	MINIMUM DEPTH
Tiles or natural stone	6mm
Vinyl (LVT)	10mm
Engineered wood or laminate, bonded	10mm
Carpet (2.5 tog max, with underlay)	10mm

08 · GOOD TO KNOW

How much do I need?

Each panel covers 0.72m². Divide the floor area by 0.72 and round up, with a few extra for cuts.

09 · QUESTIONS

Asked by installers

Which thickness do I need?
Match it to your pipe. The 16mm panel is for 12mm pipe and the 20mm panel is for 16mm pipe.

What does the foil face do?
The 100 micron aluminium foil spreads heat from the pipe evenly across the floor.

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
Order by 12pm for next working day delivery