MaxHeatPro Foil-Faced EPS Panel

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

Code: MaxHeatPro-16, MaxHeatPro-20



In the box

- MaxHeatPro panels, 1200 x 600mm

You will need

- 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

Safety

- 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.

Installation

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).

Testing and commissioning

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

Care and maintenance

- 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.