

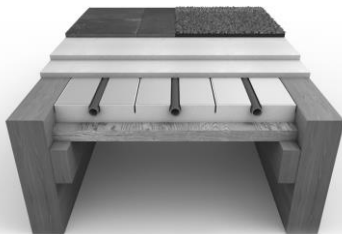
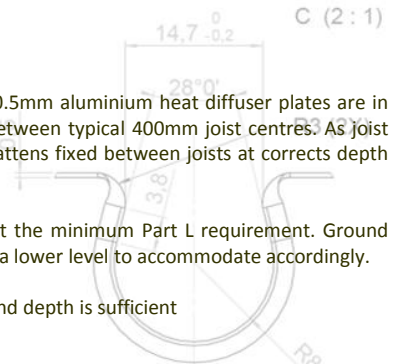


- 30mm high density EPS system
- Low profile EPS radiant heating panel system

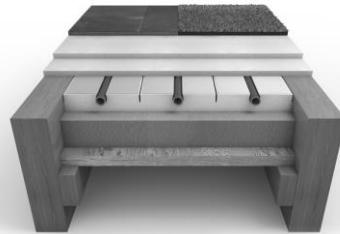
The JUPITER IDEAL Between Joist system is designed to sit snugly between joists so that the 0.5mm aluminium heat diffuser plates are in direct contact with the floor finish above. With pipe centres at 125mm, 3 pipes can be fit between typical 400mm joist centres. As joist distances vary, heating panels are trimmed to fit on site. Preparatory work requires ply and battens fixed between joists at corrects depth on which the heating panel sits.

Upper floor installations require no further insulation as the heating panels themselves meet the minimum Part L requirement. Ground floor installations will require additional insulation and therefore ply and battens should be set a lower level to accommodate accordingly.

Channels across joists are created either by routing or saw and chisel. Maximum 20mm width and depth is sufficient



Typical upper floor between joist installation



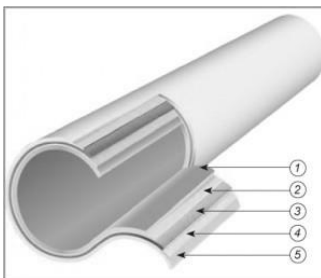
Typical ground floor between joist installation

Installing between joists normally suggests that the underfloor heating is bring installed retrospectively in an existing building in order to maintain existing floor levels. Timber floors (both solid and engineered) can be fitted directly back down to the existing joists. All other floor finishes can be fitted to intermediate load bearing surfaces i.e. Fermacell, Screed Replacement Tile.

### Heat output

The IDEAL Between Joist system provides similar heat output to our other systems through the use of the aluminium heat diffuser plates. Typically outputs range from 60 W/m<sup>2</sup> for timber and carpeted floors and 100 W/m<sup>2</sup> for tile and stone floors.

The JUPITER multi-layer system pipe is manufactured in Germany to DIN 16836, carries a 10 year warranty and has a minimum design life of 50 years.



- 1 Polyethylene RT
- 2 Adhesive
- 3 Aluminium
- 4 Adhesive
- 5 Polyethylene RT

