

Technical Information

PIPE OPTIONS - 15mm or 16mm pipe

PLATE SIZE - 1000mm (L) x 390mm (W) x 0.3mm (D)

INSULATION - Provided by others.

In accordance with Part 'L' of the current building regulations, a suitable layer of insulation material should be included within the floor construction. It is the responsibility of the architect or builder to ensure compliance. However, in all instances insulation must be installed beneath the underfloor heating system in order to ensure that any downward heat loss does not exceed 10w/m², in accordance with BS EN 1264. This insulation also supports the aluminium heat spreader plates.

	Wood Floor	Carpet 1.5 TOG/ 10mm ply
Flow/Return Temp	Heat Output W/m ²	
50/45	49	43
45/40	40	35
40/35	31	27
35/30	22	19

Not allowed as per BS EN 1264

Typical heat outputs based upon BS EN 1264 20°C room temperature, Delta T 5. Due to the variability of parameters that effect the heat output of an underfloor heating system i.e flow temperature, pipe spacings, floor covering and design conditions.

Floor Covering

Structural Chipboard Floor

Heat Spreader Plate

16mm UFH Pipe

Insulation

Timber Joist

Key Benefits:

- Ideal for use between timber joist floors
- Provides ready made pipe spacings
- Plates sit flush with top of joists
- Plates available in single, double or triple groove

HEAT SPREADER PLATE SYSTEM

