

## Inva Plate

### Descriptive Specification

- The Inva Plate system is a suspended floor system
- The Inva Plate has a thickness of 0.45mm
- The Inva Plate incorporates 16mm Pert
- UFH Pipe laid between floor joists via alum. spreader plate

### Constructive Specifications

Dimensions	1m x 0.39m x 0.045m
Area	0.39m <sup>2</sup>
Thickness	0.45mm
Thermal Conductivity	237 W/mK @ 20°C
Weight	0.54kg/m <sup>2</sup>
Pipe Diameter	16mm
Maximum Circuit Length	100m
Pipe Material	Pert or pert/al/pert
Floor Build-Up	45-70mm
Pipe Centres	200mm
Drying Times	none
Product Code (UFH Diffuser Plate)	UZD-001200X390

### Heat Output

MWT	Tile	Wood Floor (TOG1)	6m Ply, U'lay & Carpet (TOG1.5)
35°C	45 W/m <sup>2</sup>	35 W/m <sup>2</sup>	28 W/m <sup>2</sup>
40°C	61 W/m <sup>2</sup>	47 W/m <sup>2</sup>	38 W/m <sup>2</sup>
45°C	76 W/m <sup>2</sup>	58 W/m <sup>2</sup>	47 W/m <sup>2</sup>

