



TIMÓLEON DATA SHEET T11014 - FOILBOARD MODULAR

FoilBoard Modular for Suspended Floor Constructions

INTRODUCTION

The FoilBoard Modular system is used in a suspended floor when the floor deck has already been installed. The modular panels are manufactured from insulation and have the pipe pre-installed. The system is installed by fixing the panels to the floor deck from the floor below. Once in place the panels are connected to a common flow and return.

The universal module can be trimmed at any point along its length to suit the joist space. Having only one module type makes installation much more straightforward.

INSTALLATION

1. Fix the FoilBoard modular panels to the floor deck using screws and washers
2. Once the panels have been installed connect them together using push-fit fittings
3. Connect a flow and return that runs to and from the manifold
4. Pressure test the pipe and fittings
5. Note: Please refer to the installation guide for full installation instructions

SPECIFICATION

25mm Timoleon Modular FoilBoard panels pre-installed with 10mm PB pipe to BS7291 Class S. The modular panels are fixed between joists at 400mm centres from the room below using 35mm screws and 30mm washers or as appropriate. The system is to be designed, installed and commissioned to BS1264.

TECHNICAL INFORMATION

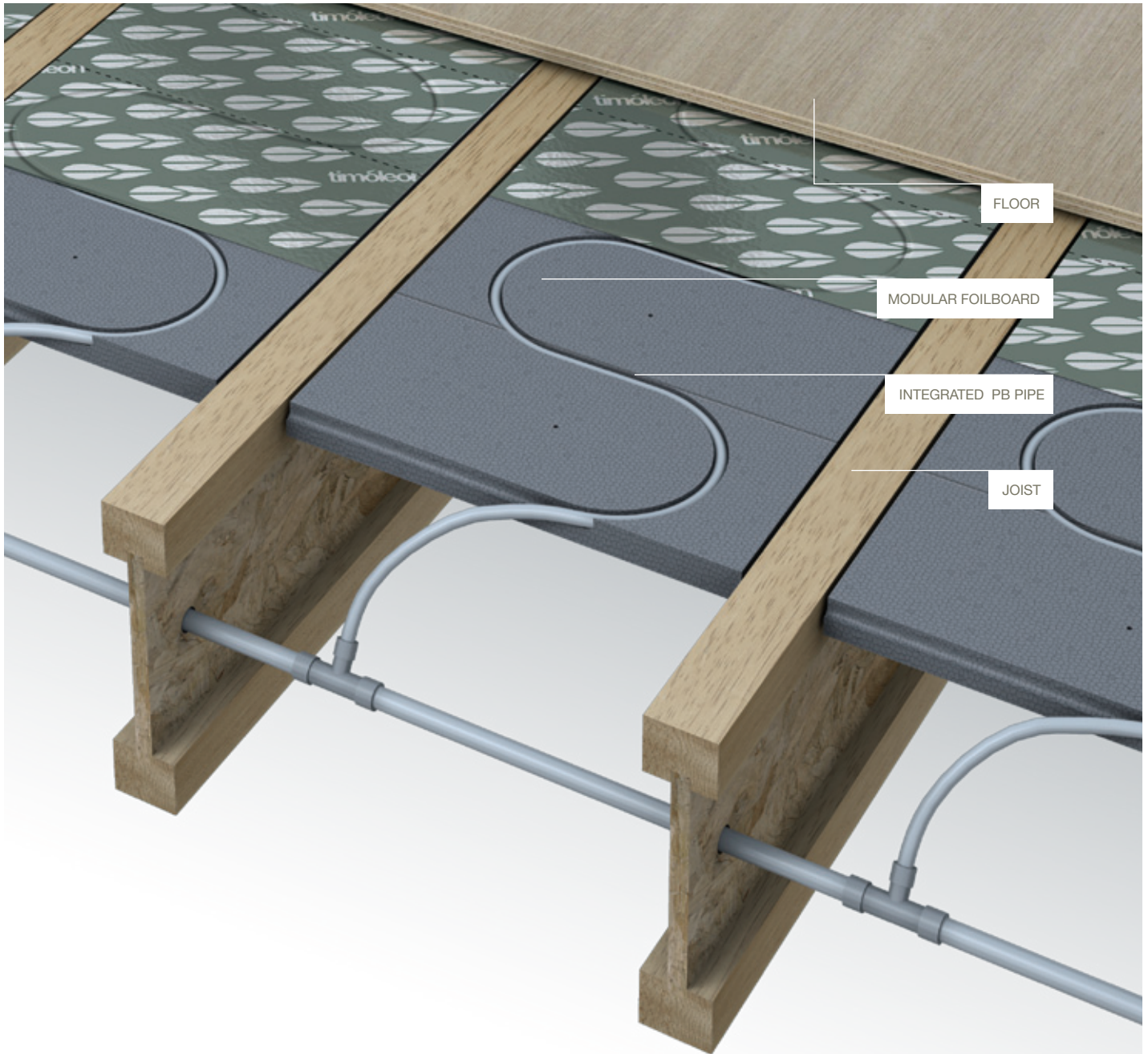
Modular FoilBoard panel – 25mm EHD expanded polystyrene insulation. Standard panels are 2000mm x 340mm for 400mm centre joists. Other sizes and thicknesses are available.

Heat outputs are dependent on the water temperature, floor construction, system dimensioning, floor finish & design conditions. Please call 01392 363605 for advice.

Heat Output Table (W/m ²)	Flow & return water temperature (°C)		
	50/40	45/35	40/30
Floor Finish			
Tile Finish (0.01m ² K/W)	48	38	28
15mm Wood Finish (0.1m ² K/W)	38	30	22
Carpet & Underlay (0.15 m ² K/W)	34	27	20

Based on 15mm PB pipe at 200mm centres using standard product (**high performance configurations available**) with 22mm chipboard laid over. 0.15 m²K/W = 1.5 TOG.

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 Call the project team on
01392 363605

