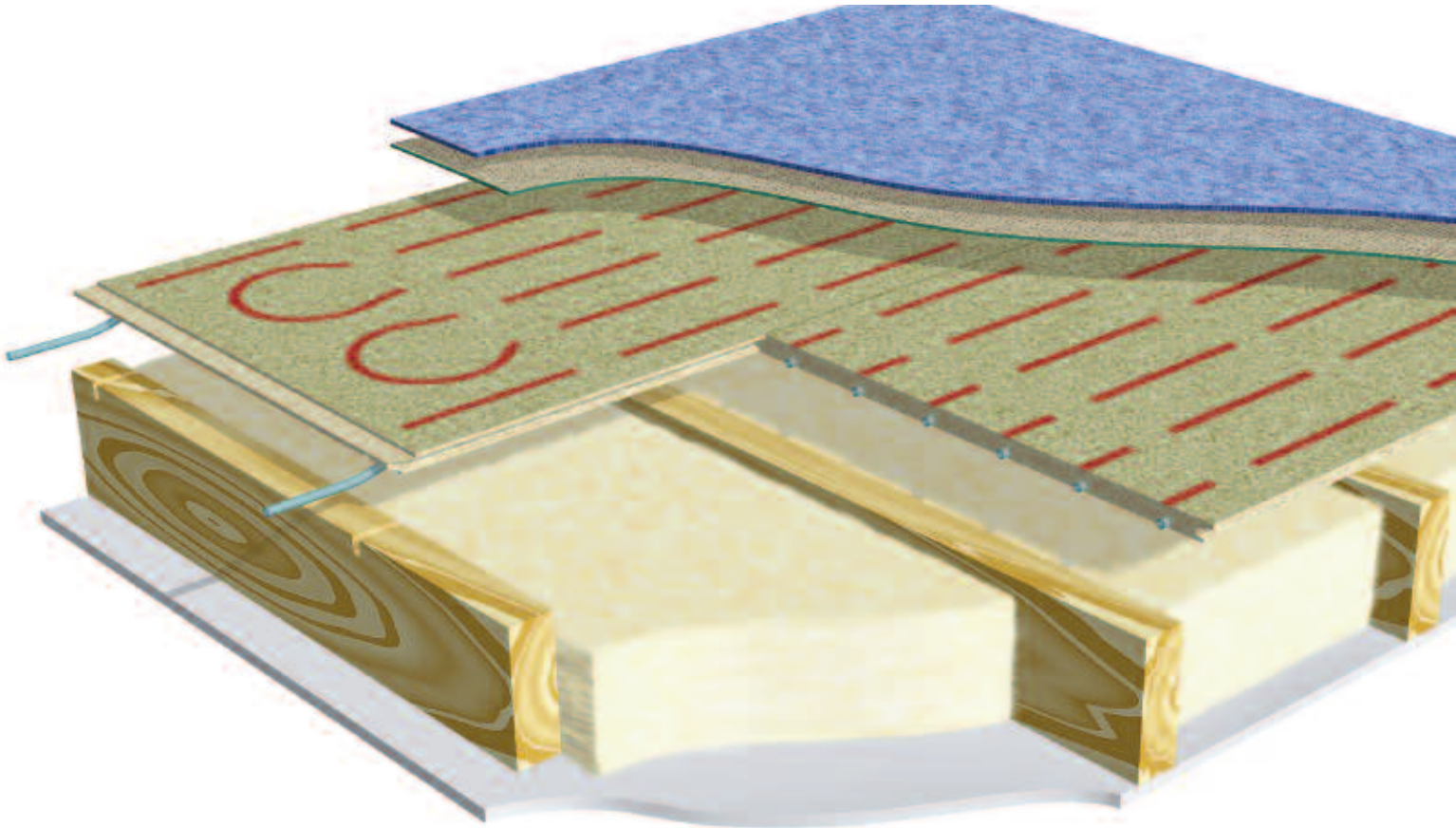


Underfloor Heating Modular Chipboard

Data Sheet



Standard sized tongued-and-grooved chipboard panels with pre-fitted UFH pipe. For placement over timber joisted or battened floor constructions.

Description

- Each panel is factory-fitted with 10mm UFH pipe and aluminium foil on the underside
- Full and half-piped panels, and plain panels, are available for layout flexibility to create active (piped) and non-active areas
- Pipe tails protrude from one end of panels for connection to adjacent panels or supply pipework
- The top surface of each panel is printed to show the layout of the integral pipe
- Replaces structural chipboard or plywood floor

Applications

- System for timber floor constructions (joist or batten) particularly those with random spacing or reinforcing struts (noggings)
- From small extensions to new-build houses and flats

Underfloor Heating Modular Chipboard

Data Sheet

System Features

- Combined floor deck and UFH pipe
- Compatible with standard-sized T&G chipboard floor deck panels
- Pipe runs at fixed centres to ensure consistent thermal performance

Dimensions

- Supplied as 2400 x 600 x 22mm modular panels
 - Fully piped: Tongued **40UH406**
Grooved **40UH391**
 - Half piped: Tongued **40UH415**
Grooved **40UH400**
 - Plain (non-piped): **40UH005**
- Integral 10mm OSMA UFH pipe

Ancillary Components

- Insulation to be placed between battens/joists
- Control Unit, Manifold and Room Thermostat(s)
OR
Single Room Controller
- Fittings (15mm pipe) 15mm Elbow, 15 x 15 x 10mm Tees, 15x10mm D/S Reducers (sold separately)

Key Benefits

- Easy, fast installation
- Floor deck and UFH pipe installed simultaneously
- Fixed pipe centres for maximum consistency of thermal output
- Solution for non-standard or inconsistent timber floor constructions
- Low mass means faster heat response
- Panels can be lifted at any time to gain access to the floor void

Installation Principles

The main stages are:

- 1** Install insulation between battens/joists
- 2** Panels, piped and non-piped, laid according to layout
- 3** Modules linked together by joining respective pipe ends or connecting to Flow and Return pipework
- 4** Pressure testing of pipe circuit
- 5** Connect to Manifold
- 6** Floor deck nailed or screwed to battens/joists

Joists/battens may need to be notched or drilled to create pipe route to next panel (check with building regulations)

For detailed installation procedures, visit www.osmaufh.co.uk or call **01392 444122** to request an OSMA UFH Pocket Installation Guide

Need more information and assistance?

Ask for straightforward guidance from people who really understand UFH

Call us on: **01392 444122**

go to: **www.genius-ufh.co.uk**



Wavin Plastics Limited
Parsonage Way
Chippenham
Wiltshire SN15 5PN
Email: info@osmaufh.co.uk

The range is supplied by OSMA Underfloor Heating which is the trading name of ThermoBoard Limited. OSMA is a registered trade mark of Wavin Plastics Ltd and is used by ThermoBoard Limited under licence. ThermoBoard Limited operates a programme of continual product development, and therefore reserves the right to modify or amend the specification of their products without notice. All information in this publication is given in good faith, and believed to be correct at the time of going to press. However, no responsibility can be accepted for any errors, omissions or incorrect assumptions. Users should satisfy themselves that products are suitable for the purpose and application intended.

www.wavin.co.uk