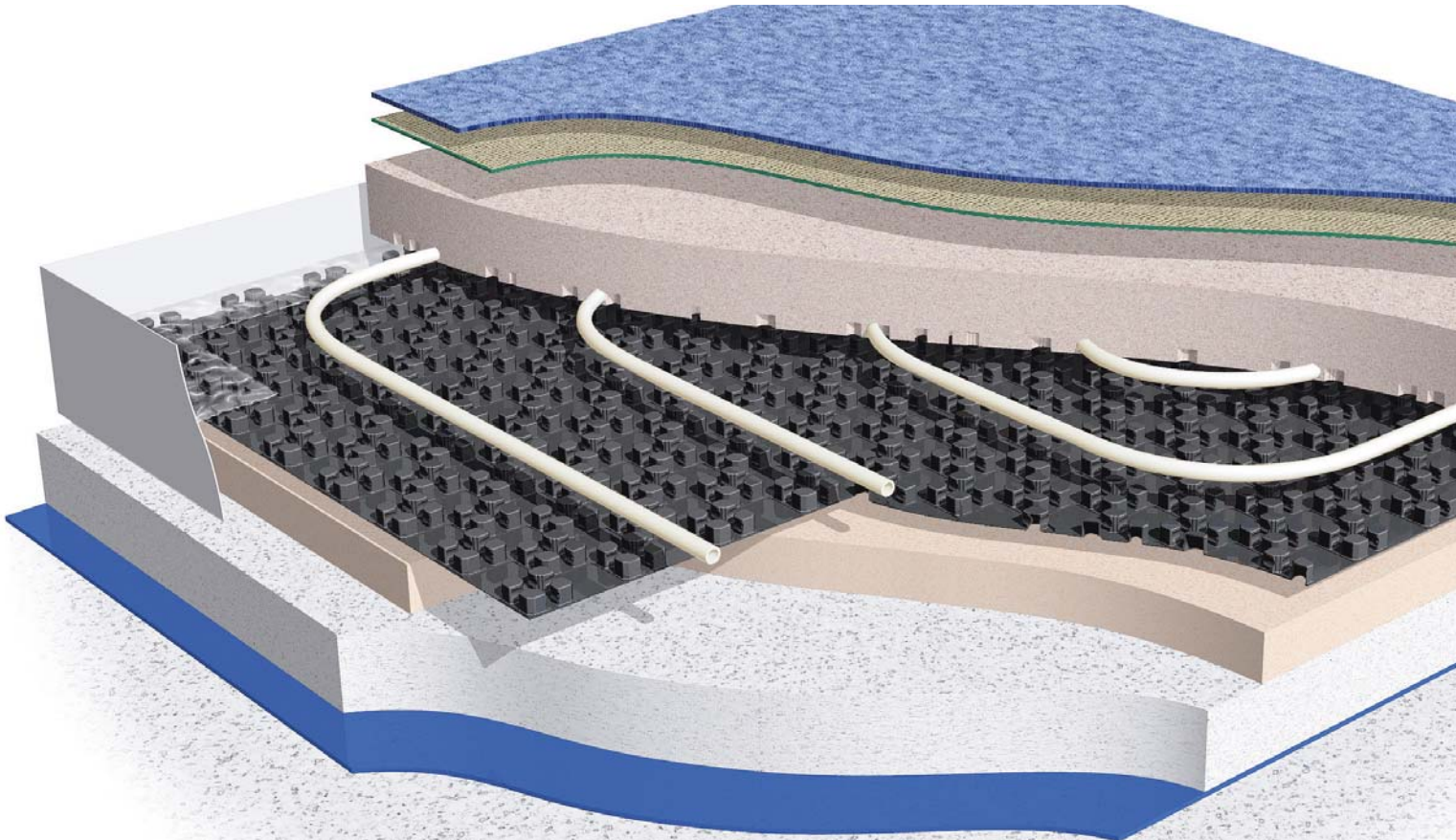


Underfloor Heating System Plates

Data Sheet



Interlocking sheets of vacuum-formed tough plastic. For placement over rigid insulation panels on a solid floor slab, before pipe installation and screeding.

Description

- Each sheet incorporates an upstanding grid of integral clips designed to hold UFH pipe securely in place
- The sheets overlap and lock together to create tight joints

Applications

- System for screeded floors
- Ideal for small extensions, new-build houses and flats

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System Features

- Can be laid over any solid level sub-floor
- Highly versatile system plate allowing multi-direction pipe runs and pipe spacings, to as little as 75mm centres
- Placed over insulation independently chosen to suit required thermal and acoustic properties
- Plates are strong enough to support wheelbarrow and foot traffic
- Once clipped in place, pipe is protected: reduced risk of damage or of tripping during screeding stage
- Suitable for traditional or liquid screeds

Dimensions

- Supplied as:
1275 x 975mm x 22mm
[= 1.08m² useable area] sheets
16UH196
- Incorporates castle shaped clips for 16mm UFH pipe

Ancillary Components

- Plain insulation panels to conform to building regulations
- Manifold, Control Centre and Room Thermostat
OR
Single Room Controller
- Sand/cement screed or liquid screed (available via Merchant)
- 16mm UFH Pipe:
 - 25m = **16UH025**
 - 40m = **16UH040**
 - 50m = **16UH050**
 - 60m = **16UH060**
 - 70m = **16UH070**
 - 80m = **16UH080**
 - 90m = **16UH090**
 - 100m = **16UH100**
 - 110m = **16UH110**
 - 120m = **16UH120**

For floor perimeter

- 150mm Edge Expansion Foam: 25m roll **15UH153**

For securing interlocking plates to insulation

- Plate Tacks **15UH235**

For pipe fixing near manifold

- Curved Pipe Supports **15UH239**
- Pipe Clamps **15UH236**

Installation Principles

The main stages are:

- 1** Edge insulation placed around floor perimeter
- 2** Insulation panels laid on floor slab
- 3** System Plates – cut to size where necessary – place on the insulation and secured together by overlapping – (plate tacks can be used to secure System Plate if required)
- 4** UFH Pipe positioned and pressed onto the castle shaped clips
- 5** Pressure testing of pipe circuit
- 6** Screed laid
- 7** Connect to Manifold

For detailed installation procedure, please call 01392 444122

Key Benefits

- Extremely versatile system: layout can be easily tailored to project
- System Plates can be easily trimmed to size to fit room space
- Easy, fast installation
- Uses standard plumbing techniques
- Protects pipe while screed is being laid, as it is not exposed
- Can be walked on and holds pipe in place, preventing a tripping hazard

Need more information and assistance?

Ask for straightforward guidance from people who really understand UFH
Call us on: **01392 444122**

visit www.thermoboard.co.uk
or call **01249 766333** to request further information on Thermoboard underfloor heating



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