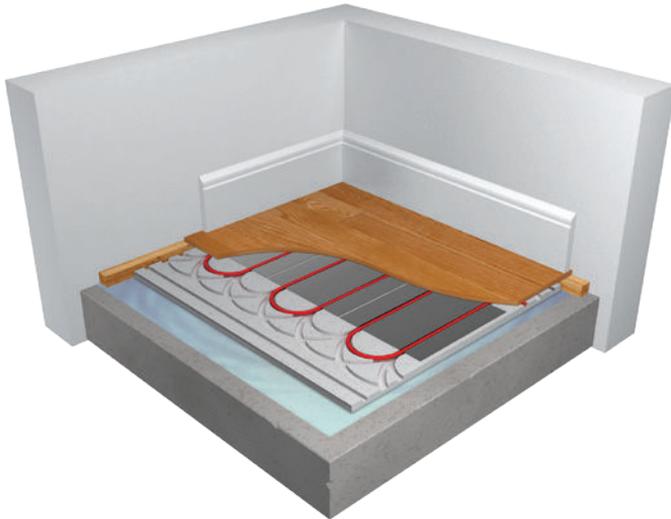


# Warmup Total-16™

## Technical Specifications

# Warmup®

The world's **best-selling** floor heating brand™



**SAFETY Net™**  
Installation-Guarantee

\*When PEX-A Pipe is used

Warmup Total-16 is a lightweight, heavy duty insulation system comprised of three components: straight, multi-feed and return boards. These boards are made of high density EPS, able to withstand 40 Tonnes/m<sup>2</sup>. The straight boards come with aluminium heat diffusion plates as an integral part of the board. Total-16 significantly speeds up installation time for both, new-build and refurbishment projects, where floor zone height is at a premium.

Engineered wood, ceramic and stone floors can be directly installed on top of the Total-16; carpet and vinyl floors usually require an intermediate layer such as Warmup Dual Overlay or Warmup Dual Overlay Concrete.

## SYSTEM COMPONENTS

### STRAIGHT BOARD:



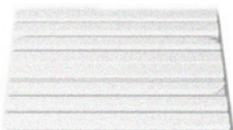
Item code	Size	Weight
WHS-LOWBoard16	1200x600x16mm	1.5 Kg

### RETURN BOARD:



Item code	Size	Weight
WHS-LOWReturn16	600x300x16mm	0.1 Kg

### MULTI-FEED BOARD:



Item code	Size	Weight
WHS-LOWFeeding16	600x300x16mm	0.1 Kg

### Features

- Straight boards are moulded at 150mm pipe centre's.
- Suitable for almost any type of floor finish.
- Aluminium heat diffusion plate is pre-installed.
- Can be supplied with or without return ends.
- Ultra low weight - only 1.7 Kg for the three components.

### Specifications

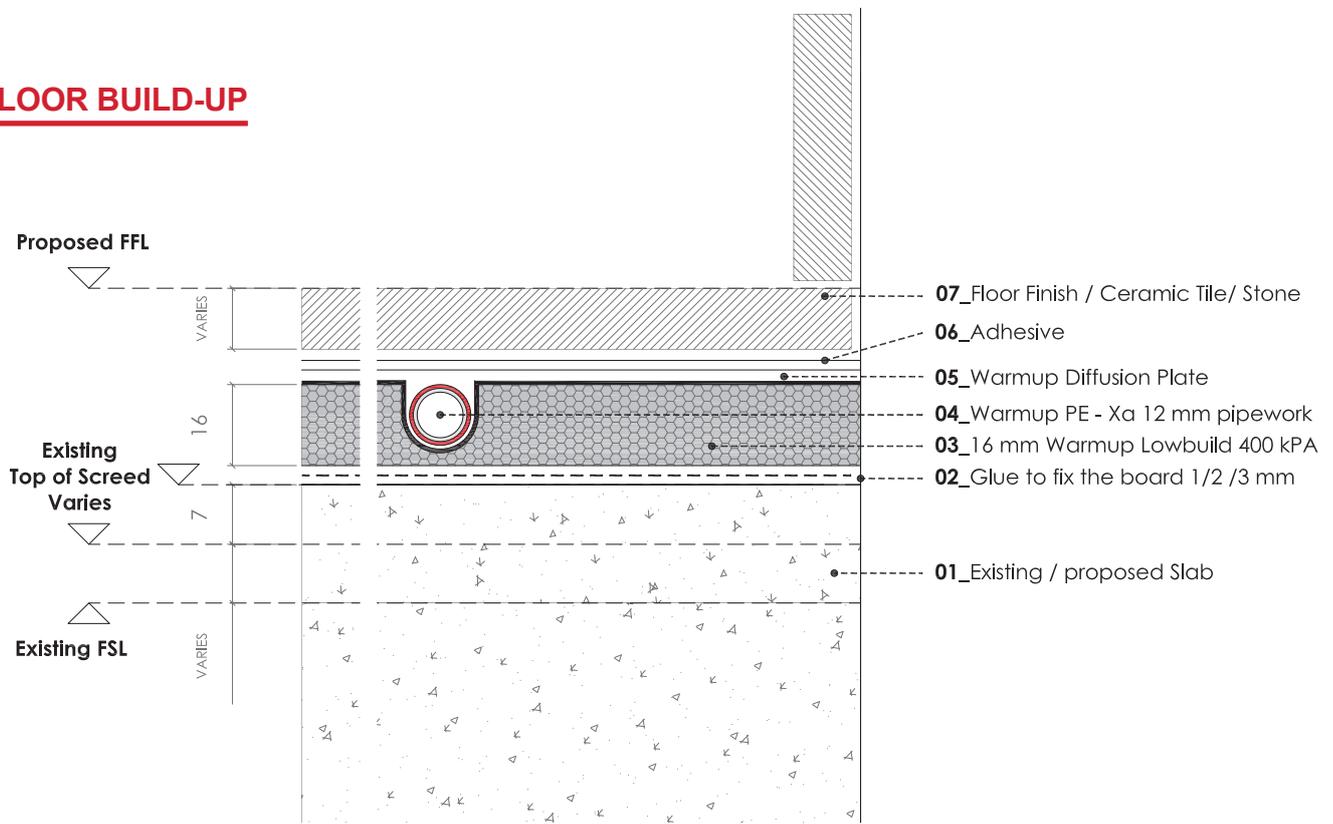
- Thermal conductivity: 0.034 W/m K @ 10° C.
- Compressive strength: 400kPa (40 Tonnes/m<sup>2</sup>).
- Thermal output: Up to 100 W/m<sup>2</sup>.

To discuss your project and help you choose the best solution to meet your exact needs, contact our Projects team on 0845 034 8270.

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## FLOOR BUILD-UP



## THERMOSTATS



### TEMPO DIGITAL PROGRAMMABLE THERMOSTAT

Tempo thermostat enables end users to choose the time as easily as they would with a watch or clock and quickly set their programs – heat on when they want it and off when they don't need it.



### WARMUP 3iE™ ENERGY-MONITOR THERMOSTAT

Designed by Warmup, the unique and exclusive 3iE™ Energy-Monitor Thermostat is the only programmable thermostat to come with Active Energy Management™ prompting users to save up to 10% on energy bills.



### WARMUP 4iE™ SMART WIFI THERMOSTAT

The 4iE Smart WiFi thermostat learns how you use your heating and the unique way your house reacts and automatically suggests ways for you to save energy, like what temperature you should set for when you're not home and times you can turn the heating off early. The 4iE also suggests lower energy tariffs, helping you to save up to £580 on heating bills.