

**Pr** **fix**<sup>®</sup>

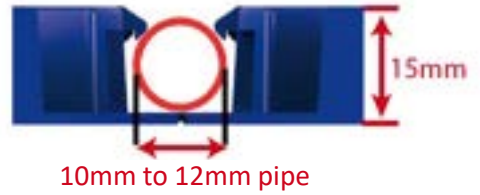
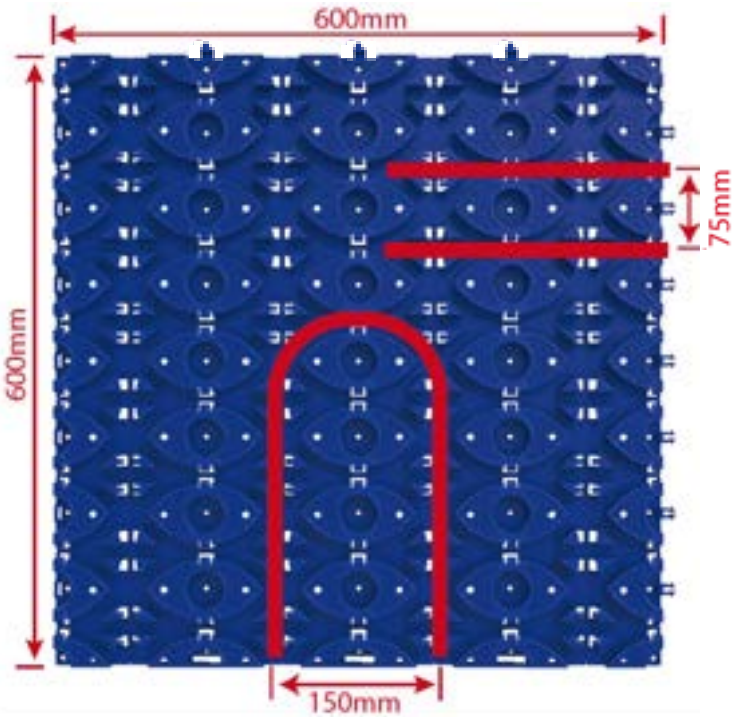
**QUICK GUIDE:**

**Profix<sup>®</sup> Ultra-Low Profile Screed System**



The Profix<sup>®</sup> Panel is  
manufactured in the UK

# Profix® Panel



The Profix® Panel is an extremely robust injection-moulded plastic pipe-retention panel (made from 100% recycled plastic) designed for 10mm to 12mm diameter UFH pipe. When used in combination with a thin layer of Profix® Levelling Compound or a pumped cement-based flowing screed, this system provides an ultra-low profile, high heat output, fast response floor heating solution suitable for both retrofit and new build projects.

The Profix® Panel is a patented product specially designed for use as an integral part of a high performance warm-water underfloor heating system.

## Features and Benefits



SELF-ADHESIVE BACKING



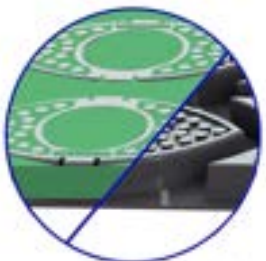
'FIXING POINT'  
within every 'eye'  
(for use if required)



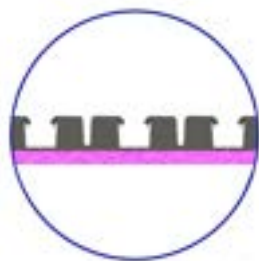
'SNAP-CLIPS' connect  
the panels together



'DROP & LOCK'  
features enable the panels  
to fully interlock



'STRUCTURAL KEY'  
for levelling compound  
or flowing screed



Available with pre-bonded  
XPS insulation backing  
(3mm, 6mm, or 10mm)

# Heat Output

## Table

SYSTEM TYPE	FLOOR COVERING	MEAN WATER TEMPERATURE									
		30°		35°		40°		45°		50°	
		Heat Output W/m <sup>2</sup>	Floor Surface Temp °C	Heat Output W/m <sup>2</sup>	Floor Surface Temp °C	Heat Output W/m <sup>2</sup>	Floor Surface Temp °C	Heat Output W/m <sup>2</sup>	Floor Surface Temp °C	Heat Output W/m <sup>2</sup>	Floor Surface Temp °C
Profix® Ultra-Low-Profile Screed	Tiles	56.6	25.2	84.9	27.8	113.2	30.4	141.5	33.1	169.8	35.7
	LVT	40.2	23.7	60.3	25.6	80.4	27.4	100.5	29.3	120.6	31.1
	15mm Engineered Wood	37.0	23.4	54.0	25.1	73.0	26.4	91.3	28.2	109.8	30.1
	Carpet & Underlay (1.5 TOG)	30.0	22.8	45.0	24.1	60.0	25.5	75.0	26.9	90.0	28.3

\*For Guidance only - all systems must conform to BS EN 1264

## Profix® Levelling Compound

Profix® Levelling Compound is a bagged dry powder which when mixed with water becomes a high-flow, fast setting, self-smoothing screed providing an ideal surface for Tiles, Vinyl (LVT), Linoleum, Engineered Wood, or Carpet & Underlay.

Profix® Levelling Compound should be mixed and poured as detailed in the Profix® Levelling Compound Data Sheet, ensuring the following **minimum** overall thicknesses are observed:

Tiles / Engineered Wood Flooring

**Minimum** overall screed thickness = 15mm

LVT / Linoleum / Carpet

**Minimum** overall screed thickness = 18mm

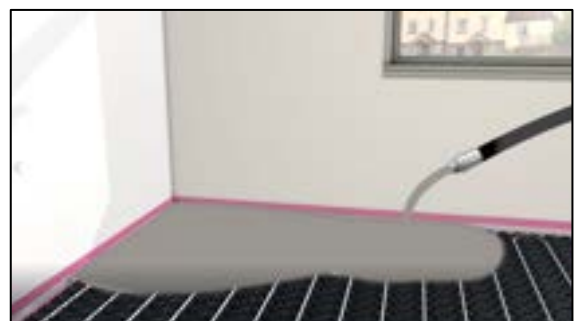


## Cementitious Flowing Screed

A pumped cement-based flowing screed can be used as an alternative to Profix® Levelling Compound but it must meet the following minimum structural specifications:

Compressive strength (after 28 days)      30N/mm<sup>2</sup>

Flexural strength (after 28 days)            5N/mm<sup>2</sup>



# Profix<sup>®</sup>



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[www.profixpanel.co.uk](http://www.profixpanel.co.uk)



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