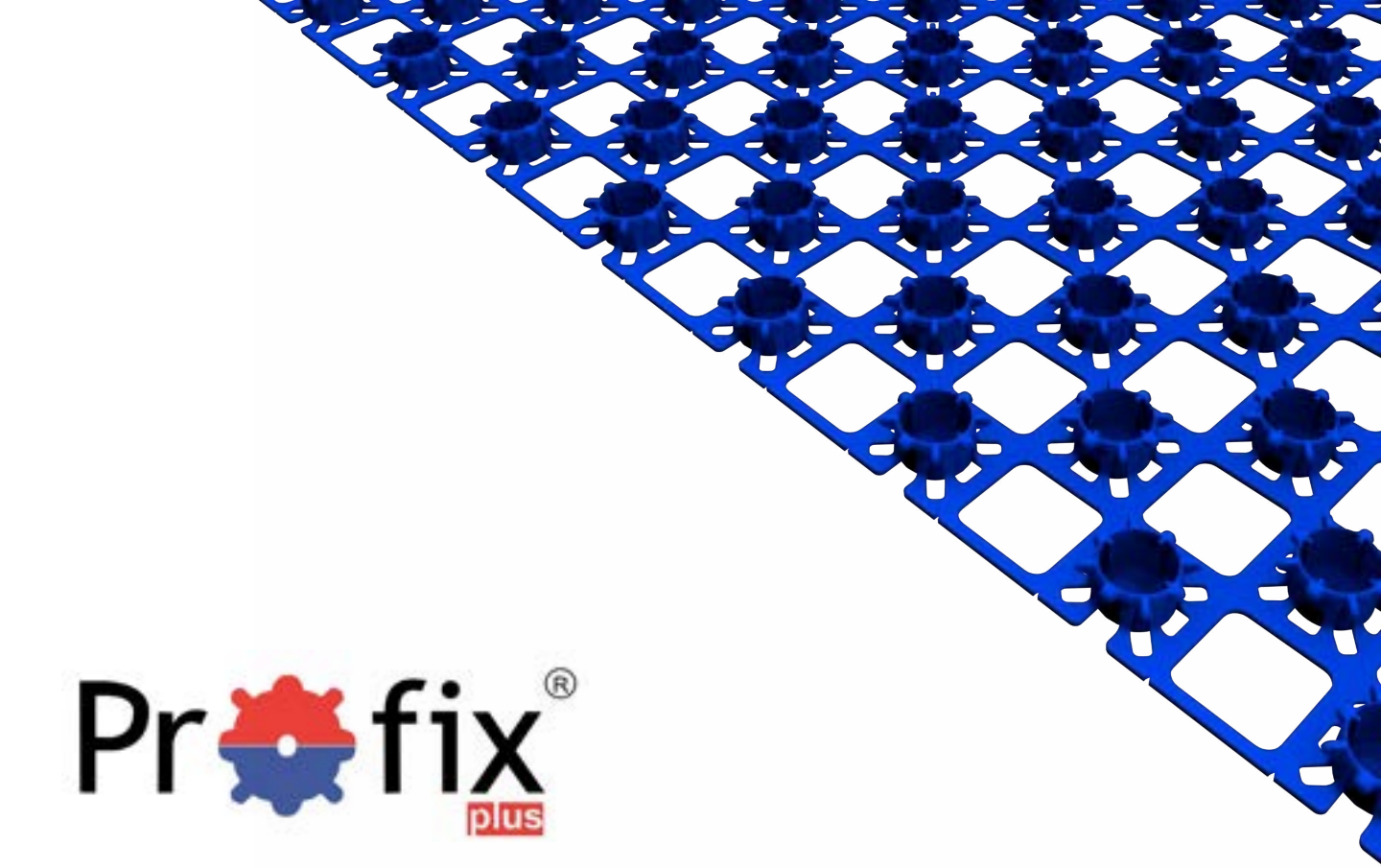
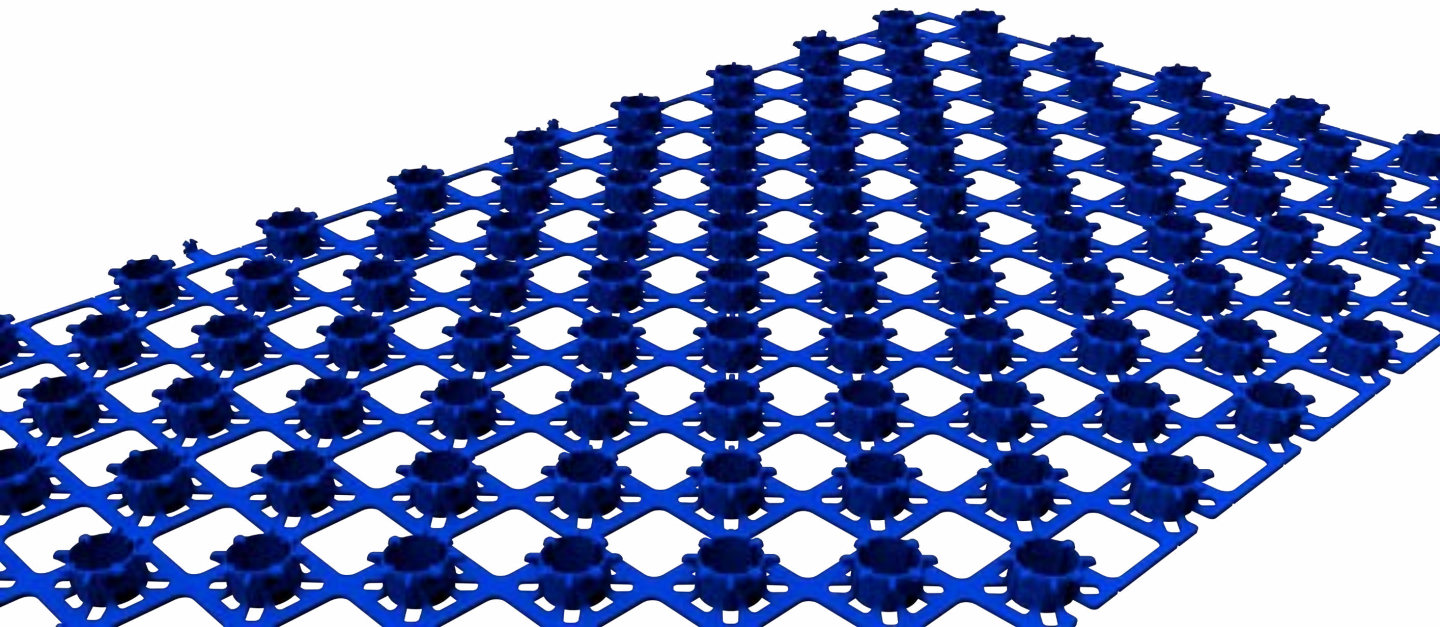


QUICK GUIDE:

Profix® PLUS ‘Pipe in Flowing Screed’ system

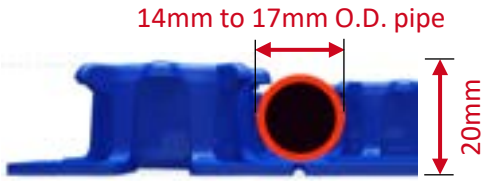
The Profix® PLUS Panel
is manufactured in the UK

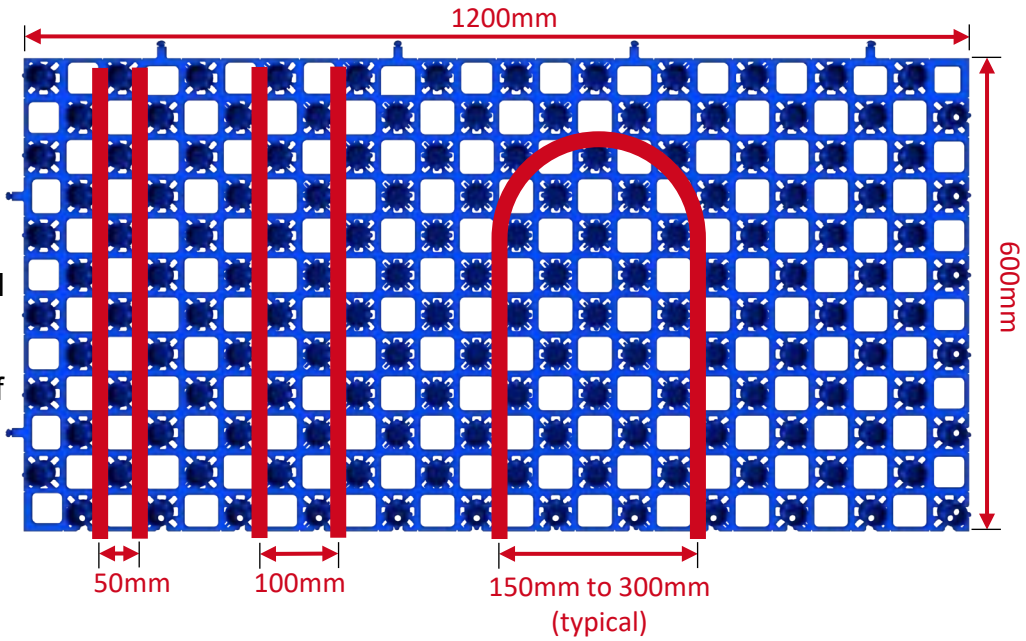


Profix® PLUS Panel

The Profix® PLUS Panel is an extremely robust injection-moulded plastic pipe-retention panel (made from 100% recycled plastic) designed for 14mm to 17mm diameter UFH pipe. When used in combination with a pumped flowing screed, this system provides a low-profile, high heat output, fast response floor heating solution suitable for both retrofit and new build projects.

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





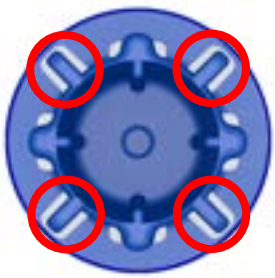
Features and Benefits

SELF-ADHESIVE BACKING

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

'SNAP-CLIPS' connect
the panels together

'CUTTING GROOVES'
at 50mm intervals
for a Stanley knife



'SPECIAL HOOKS'
secure the pipes
at every bend

'SPECIAL CLIPS'
secure the pipes
in straight runs

Heat Output Table

SYSTEM TYPE	FLOOR COVERING	MEAN WATER TEMPERATURE 30° Heat Output W/m²	30° Floor Surface Temp °C	35° Heat Output W/m²	35° Floor Surface Temp °C	40° Heat Output W/m²	40° Floor Surface Temp °C	45° Heat Output W/m²	45° Floor Surface Temp °C	50° Heat Output W/m²	50° Floor Surface Temp °C
Profix® PLUS Pipe in Flowing Screed	Tiles	62.7	25.8	94.2	28.7	125.5	31.6	156.9	34.5	188.3	37.4
	LVT	52.7	24.9	79.1	27.3	105.5	29.7	131.9	32.2	158.3	34.6
	15mm Engineered Wood	41.7	23.8	62.5	25.7	83.4	27.7	104.3	29.6	125.1	31.5
	Carpet & Underlay (1.5 TOG)	34.5	23.2	51.7	24.7	69.0	26.3	86.2	27.9	103.5	29.5

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

The Profix® PLUS 'Pipe in Flowing Screed' System is suitable for installation onto most resilient sub-floors (concrete, block & beam, suspended timber etc), or over a thin compressed rubber acoustic isolation mat, or onto rigid insulation*.

*minimum compressive strength 140kPa @ 10% compression

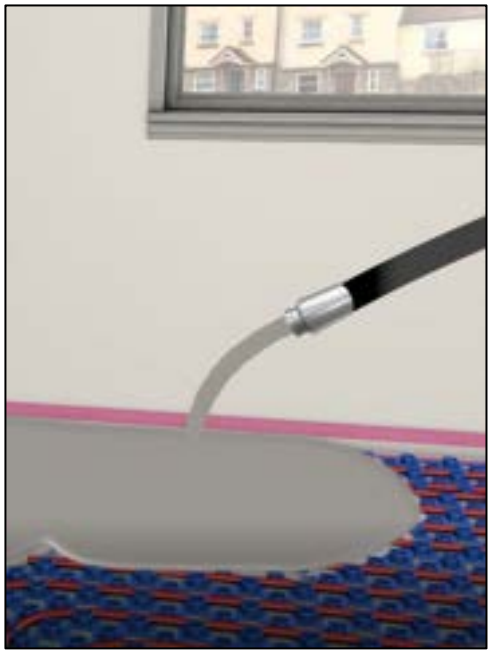
When combined with either a pumped cement-based flowing screed or an anhydrite (gypsum-based) flowing screed, this system creates a unique low-profile warm-water underfloor heating solution that delivers high heat outputs, even at low water temperatures, combined with much faster system response times compared to conventional in-screed systems.

Flowing screeds used with this system must meet the following **minimum** structural specifications:

Compressive strength (after 28 days) 30N/mm²

Flexural strength (after 28 days) 5N/mm²

In domestic environments subject to normal levels of foot traffic, the following **minimum** overall screed thicknesses should be observed:



Cementitious Flowing Screed

<u>Resilient sub-floors</u>

Tiles / Engineered Wood Flooring

Minimum overall screed thickness = **20mm**

LVT / Linoleum / Carpet

Minimum overall screed thickness = **25mm**

<u>Compressed rubber mat or rigid insulation*</u>

Tiles / Engineered Wood Flooring / LVT / Linoleum / Carpet

Minimum overall screed thickness = **30mm**

Anhydrite Flowing Screed

Resilient sub-floors

Tiles / Engineered Wood Flooring

Minimum overall screed thickness = **25mm**

LVT / Linoleum / Carpet

Minimum overall screed thickness = **30mm**

Compressed rubber mat or rigid insulation*

Tiles / Engineered Wood Flooring / LVT / Linoleum / Carpet

Minimum overall screed thickness = **35mm**

Profix® plus

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