



Profix Panel Floor Construction – FC4 C

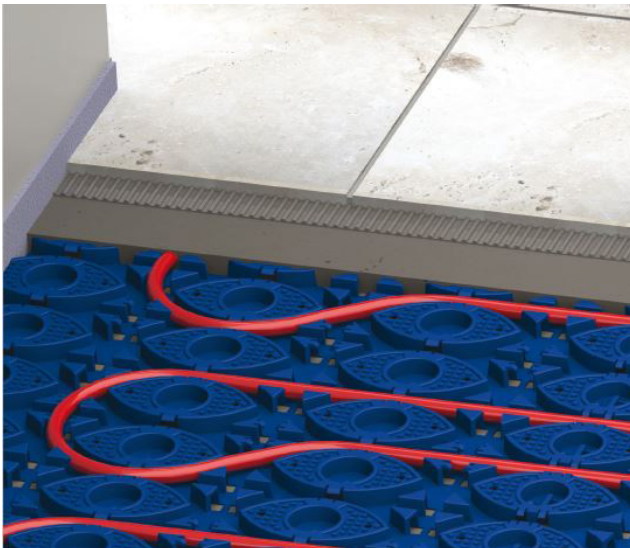
KEY BENEFITS >>>

- > Low Profile only 15mm increase in floor height
- > Ideal for refurbishments, extensions, and conservatories
- > Low profile means a fast response time
- > High efficiency due to low resistance value
- > All floor finishes can be fitted directly on top
- > Fast drying time compared to traditional screed



PRODUCT LIST >

SIZE	QTY	PRODUCT CODE
Profix Panel (600x600x15mm)	1	PFIXP
Self-levelling compound	1	CEM220

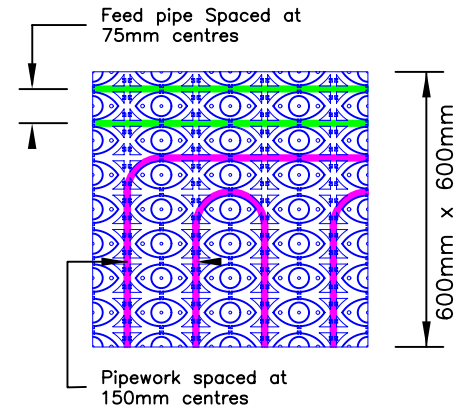
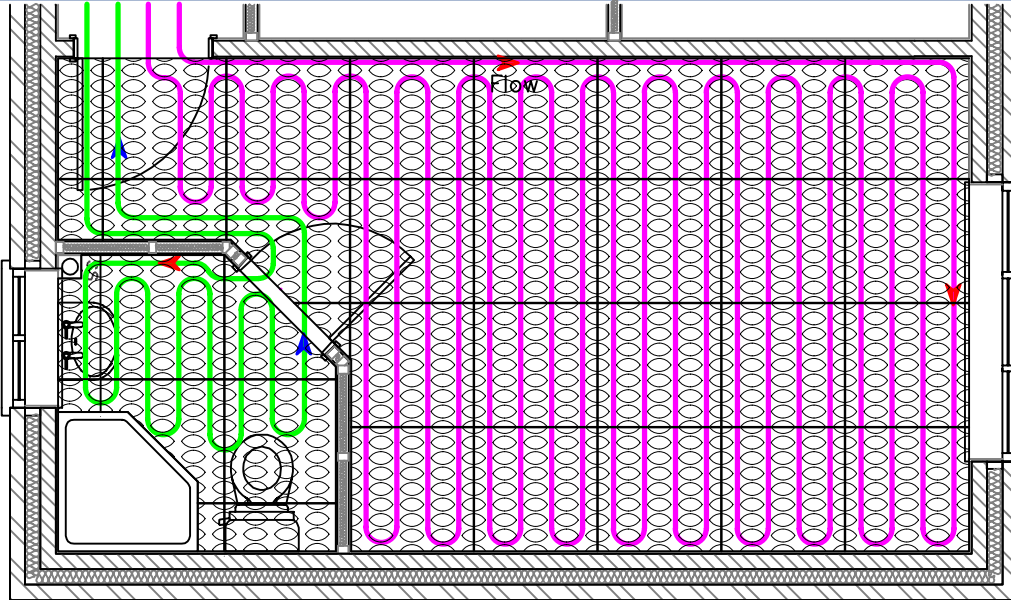


< OVERVIEW

The Profix™ Panel, when combined with a low profile quick drying self-levelling screed and a warm water underfloor heating system, provides a unique low thickness / high heat output floor heating solution for both new build and retrofit projects. This revolutionary new system can deliver high heat outputs even at relatively low water temperatures, which makes it an ideal solution for use with heat pumps. The total height of the underfloor heating system is 15mm including the 12mm FlexiPex.

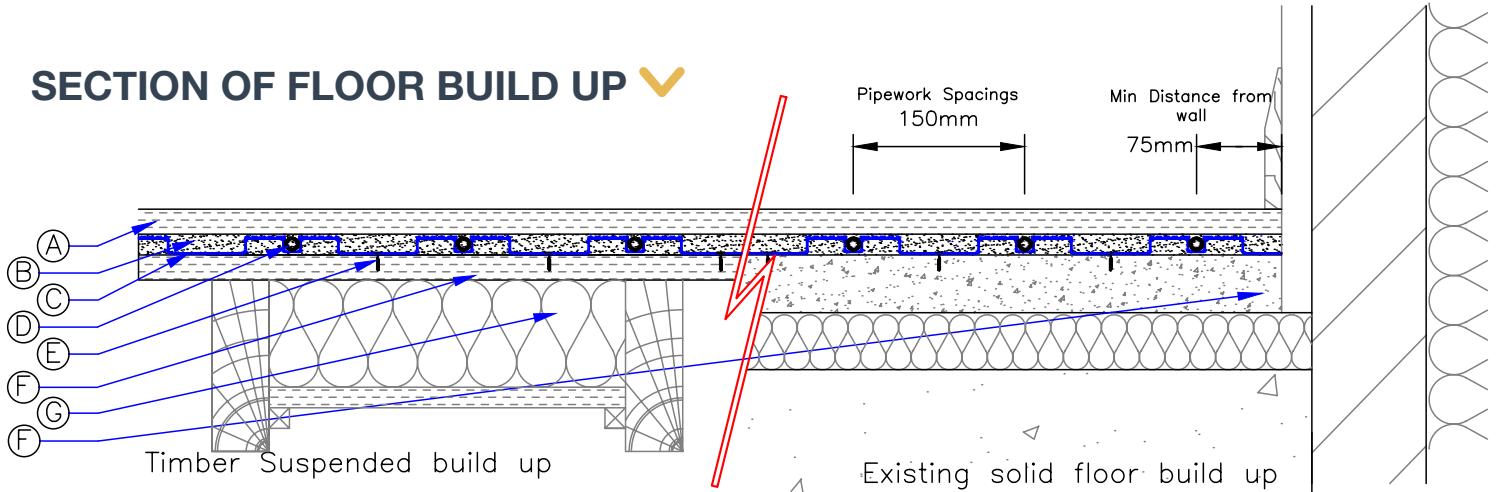


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PLAN VIEW ^

SECTION OF FLOOR BUILD UP v



A > Floor Finish.

B > Self-Levelling Screed - Minimum 15mm self-levelling screed approved for use with UFH systems (e.g. Cemfort 220).

C > Profix Floor Panel 600mm x 600mm

D > FlexiPex UFH Pipe - 12 x 2mm FlexiPex UFH pipework spaced at 150mm centres.

E > Panel Fixing - appropriate to floor type.

F > Existing Floor Build-up - Must be level and free from debris and dust.

G > Insulation - Thickness and type to comply with current building regulations.



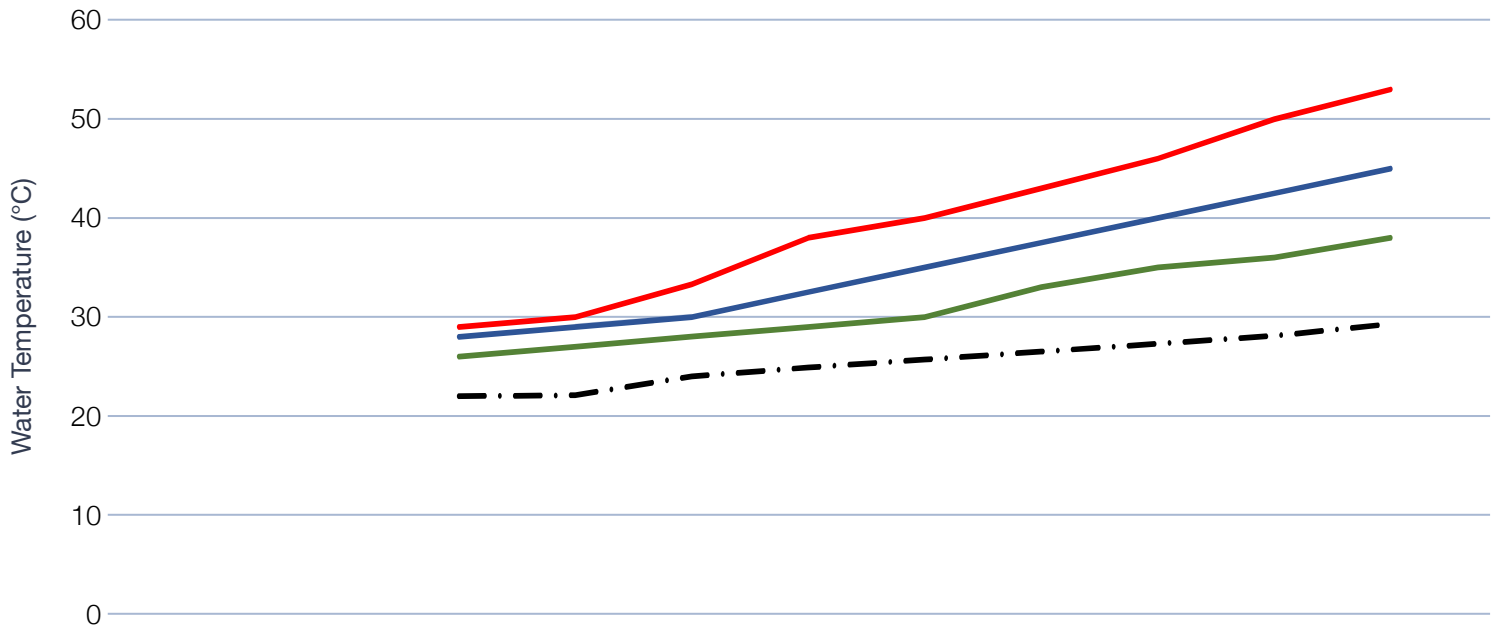
Profix Panel

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OUTPUTS/WATER TEMPERATURES & FLOOR COVERINGS >

The available output of the system will vary depending on the overall resistance of the floor finish. Based on a design room temperature of 20°C & 7.5K ΔT. The table below is for guidance only and actual outputs and temperatures may vary.

Heat output / Flow water Temperature (Profix Panel)



Output w/m²

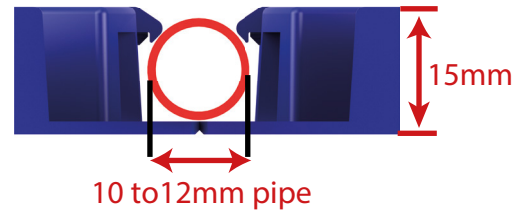
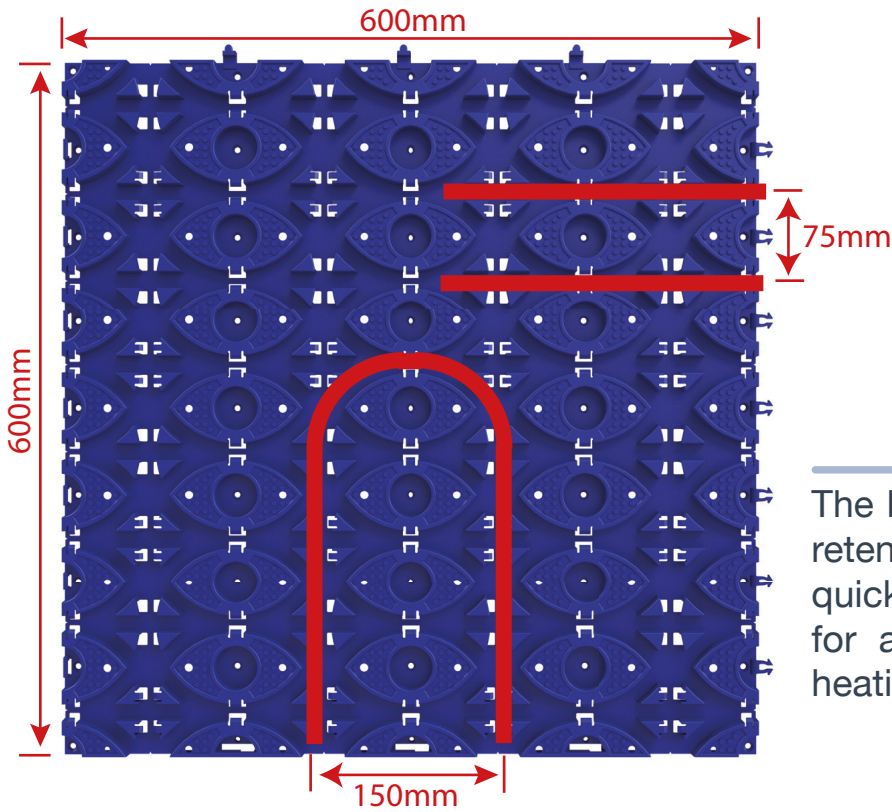
	20	30	40	50	60	70	80	90	100
Tile / Stone	26	27	28	29	30	33	35	36	38
Laminate / Vinyl	28	29	30	33	35	38	40	43	45
Carpet	29	30	33.3	38	40	43	46	50	53
Floor Temp	22	22	24	25	26	27	27	28	29

Water Temp (°C)



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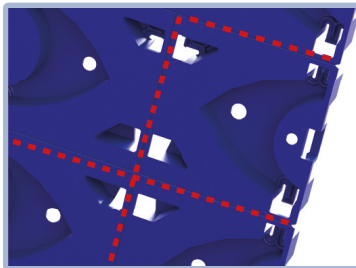
< PROFIX™ PANEL

The Profix™ Panel is a revolutionary pipe retention system, which provides a very quick to install and simple to use solution for a wide range of floor heating, wall heating or ceiling cooling applications.

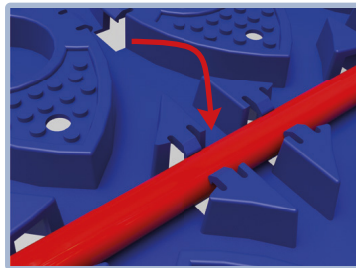
FEATURES & BENEFITS ✓



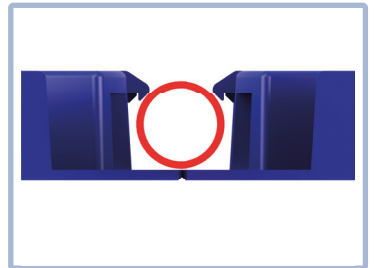
“PURPOSE DESIGNED SUPPORTS” to provide a structural key for tile adhesive and low profile screeds.



Multiple “BREAK POINTS” with V shaped notches to aid cutting knife alignment.



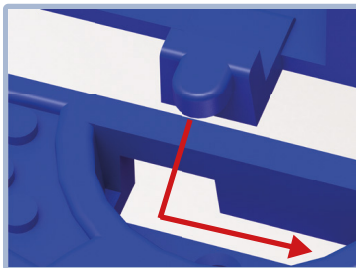
Multiple “PIPE RETENTION CLIPS” to secure the pipe in place.



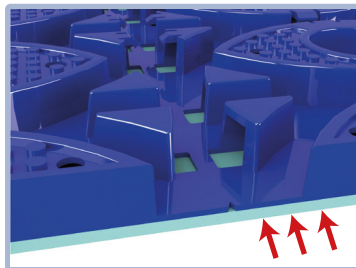
“ULTRA LOW PROFILE” for 10 to 12mm pipe.



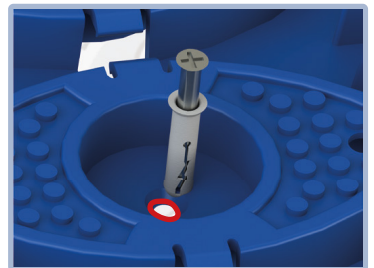
“SNAR CLIPS” to fasten the panels together.



“SLIDE AND LOCK FEATURE” to connect the panels together.



Optional “HIGH COMPRESSIVE STRENGTH INSULATION LAYER”.

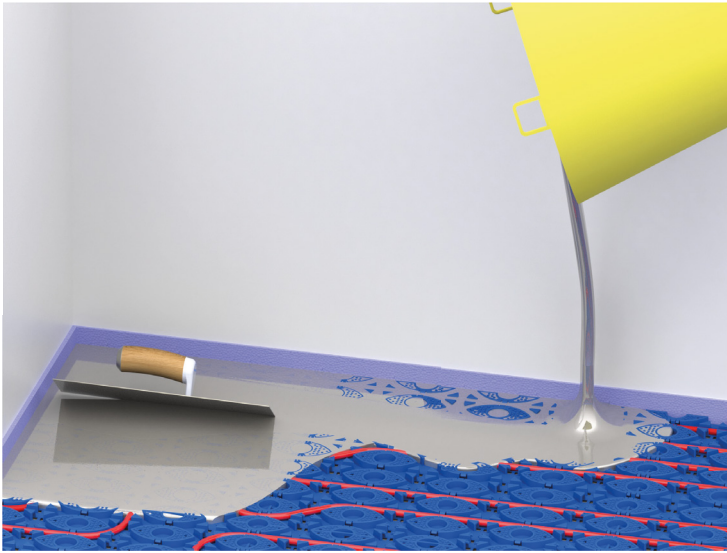


“MECHANICAL FIXING POINT” within every eye.



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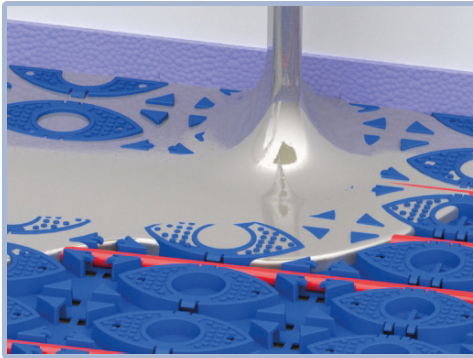


< PROFIX™ LEVELLING COMPOUND

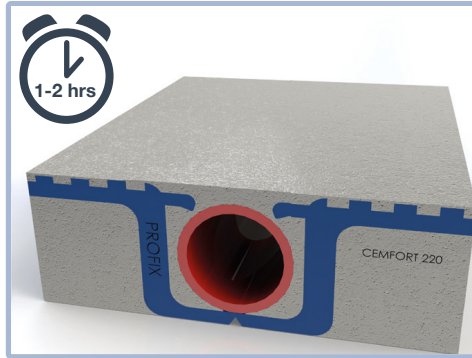
Profix™ Levelling Compound is a pumpable, high flow, economical levelling compound for interior use in areas with normal levels of wear. It is supplied as a pre-blended dry powder designed for use as a thin levelling screed when mixed with water. It can be covered with floor finishes ranging from tiles, vinyl, linoleum, carpet and engineered wood flooring after just 24 hours in good drying conditions.

Profix™ Levelling Compound is ideal for use where a rapid drying system is required.

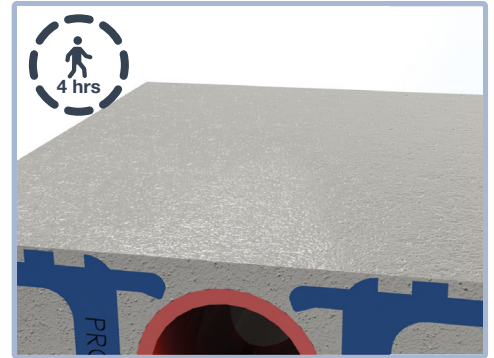
FEATURES & BENEFITS ✓



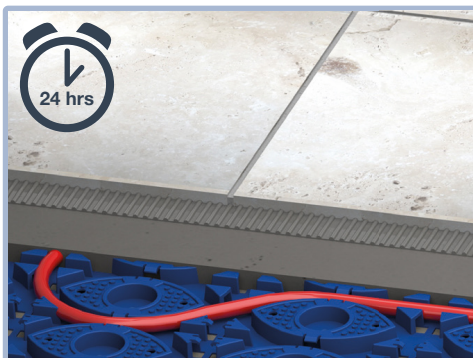
Fast self-smoothing screed.



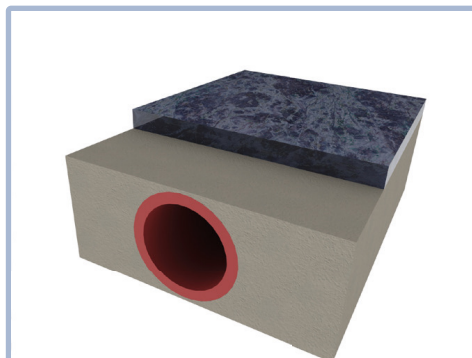
Rapid drying 1 to 2 hours.



Light foot traffic in 4 hours.



Apply floor coverings in just 24 hours.



High heat output and fast response times.