Overboard - Heavy
Floor Construction – FC4 A

KEY BENEFITS

- Low Profile only 18mm increase in floor height
- Ideal for refurbishments, extensions, and conservatories
- Ideal for upper floors where Posi-joists or I-joists are installed
- Low profile means a fast response time
- High efficiency due to low resistance value
- Tiles can be fitting directly on top
- Ideal for timber frame buildings
- Dry construction – no levelling compounds/ wet trades are required.
- End returns come complete with feeder runs for easier installation

PRODUCT LIST

SIZE	QTY	PRODUCT CODE
Luxusheat Overboard Straight (800x600x18mm)	1	OBST68
Luxusheat Overboard Return (300x320x18mm)	1	OBWMB18R
Luxusheat Overboard Glue	1	GLUE

OVERVIEW

The Overboard heavy system is a low profile dry underfloor heating system that has been designed so any increase in floor height is kept to a minimum. The total height of the underfloor heating system is 18mm including the 12mm FlexiPex pipe and is installed over the top of existing floors. For example, it is ideal for timber frame buildings where the floor deck has already been installed or when original floor boards are not being taken up in refurbishments. The Overboard Heavy system is ideal to use with heat pumps as the cement board is low in resistance meaning water temperatures can be kept low.

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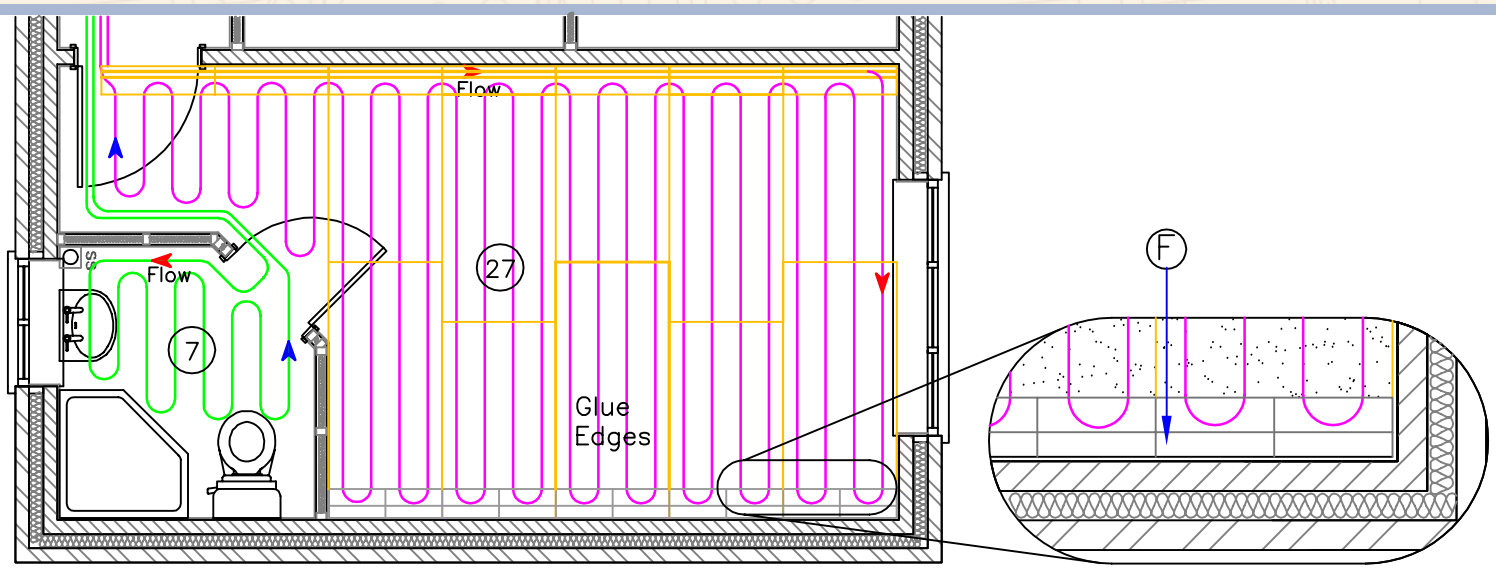
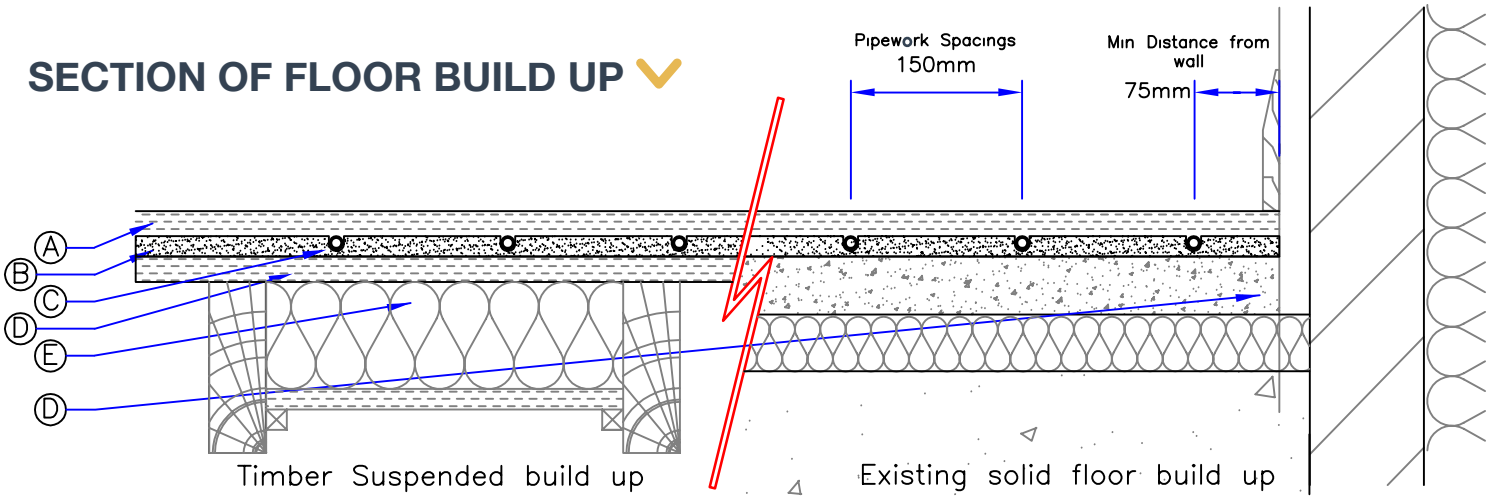


PLAN VIEW

SECTION OF FLOOR BUILD UP



A **Floor Finish.**

B **Fibre Cement Board (1200 x 600 x 18mm)** - Laid on flat surface and glued along edges, any variances in floor should be levelled using appropriate self levelling screed.

C **UFH Pipe -** FlexiPex 12mm Heating Pipework laid at 150mm centres in pregrooved slots and laid approximately 75mm away from walls.

D **Existing floor build up**

E **Insulation** - To maximise performance insulation to be laid between existing joists. On intermediate floors with heated rooms below an insulation resistance of 0.75m²k/W is required to comply with BS EN 1264.

F **Pipe end return screwed to existing floor.**

G (27) **Denotes amount of end returns per room.**

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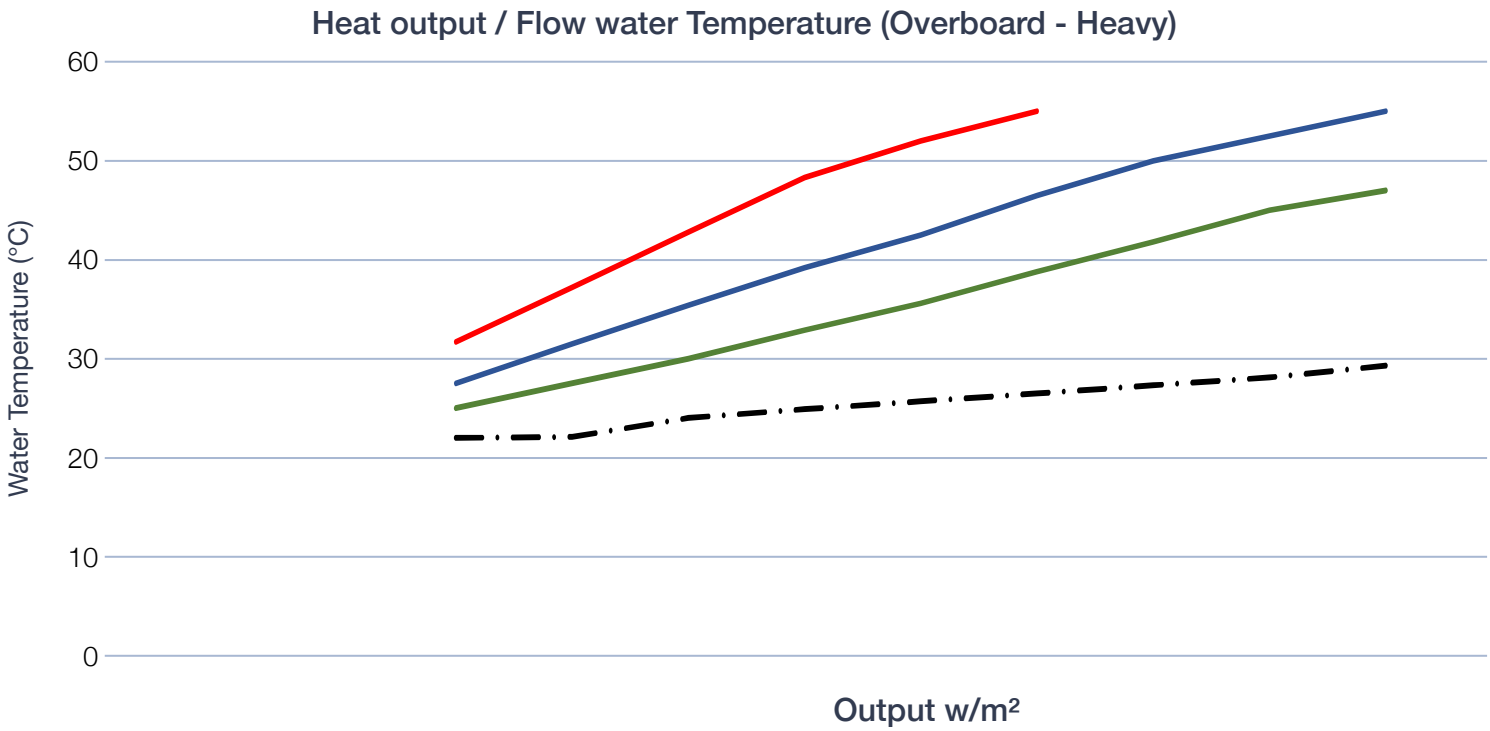
OUTPUTS/WATER TEMPERATURES & FLOOR COVERINGS

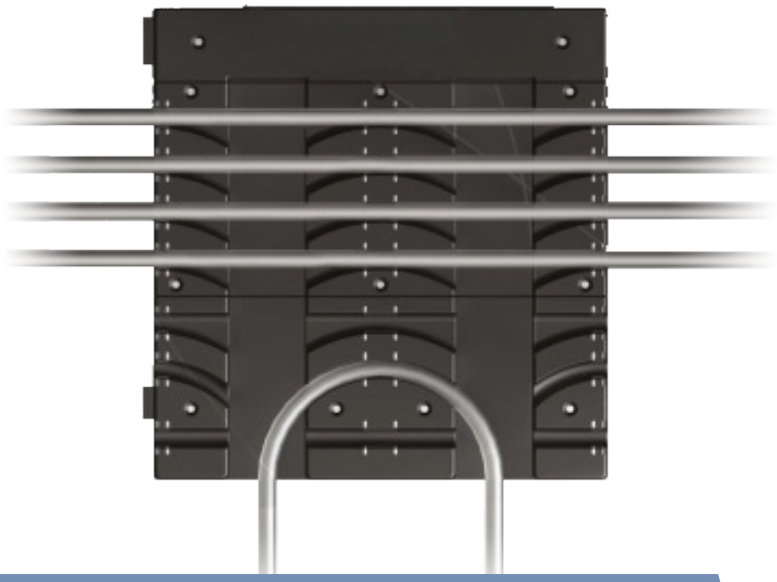
The available output of the system will vary depending on the overall resistance of the floor finish. Based on a design room temperature of 20°C & 7.5K ΔT. The table below is for guidance only and actual outputs and temperatures may vary.



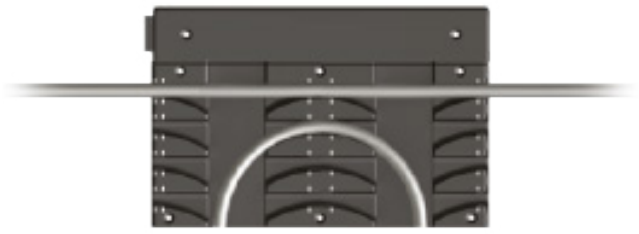
	20	30	40	50	60	70	80	90	100
Tile / Stone	25	28	30	33	36	39	42	45	47
Laminate / Vinyl	28	32	35	39	43	47	50	53	55
Carpet	32	37	43	48	52	55	-	-	-
Floor Temp	22	22	24	25	26	27	27	28	29

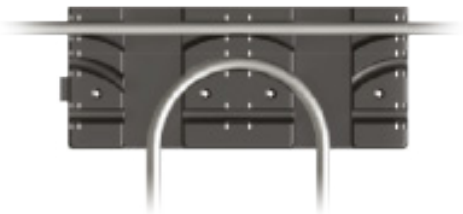
Water Temp (°C)

End Support



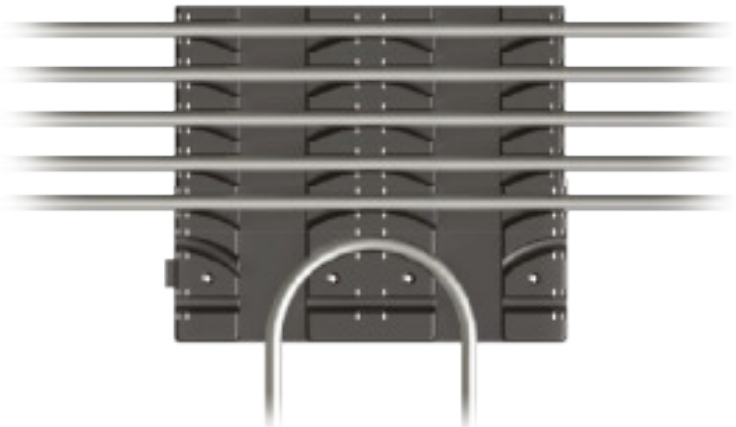
Multifunctional solution to over floor heating installations





FEATURES & BENEFITS

- Self-Retaining pipe locking system
- Multiple flow and return channels, enabling the installation of larger areas.
- Non continuous return allows flexible entry points to the board.
- Interlocking panels enabling a secure base.
- Multiple snapping points offering a flexible pipe routing system between rooms.
- Dimensions - 320mm x 300mm.



SUITABILITY

A full 'OVER FLOOR' multifunctional pipe and floor covering support. Ideal for both existing and new build applications.