

BAUCLIP - STANDARD SCREED SYSTEM

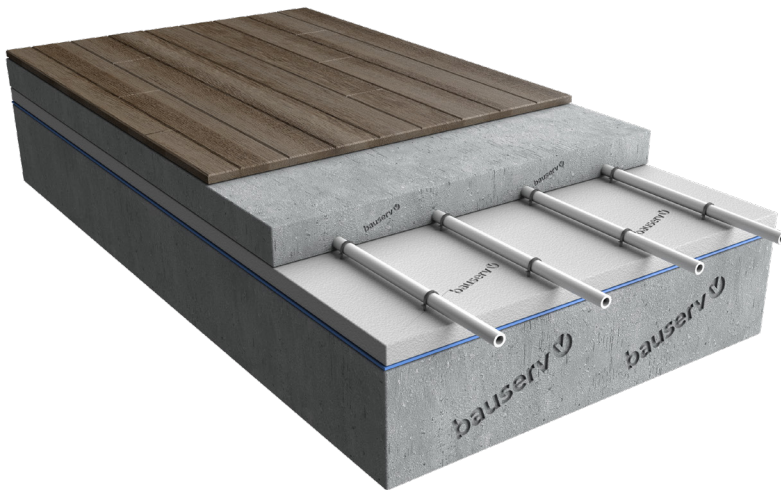
Structural heating panel

- Quick, flexible and simple
- Barbed ends
- Pipe stapler available
- Alternative staple sizes available

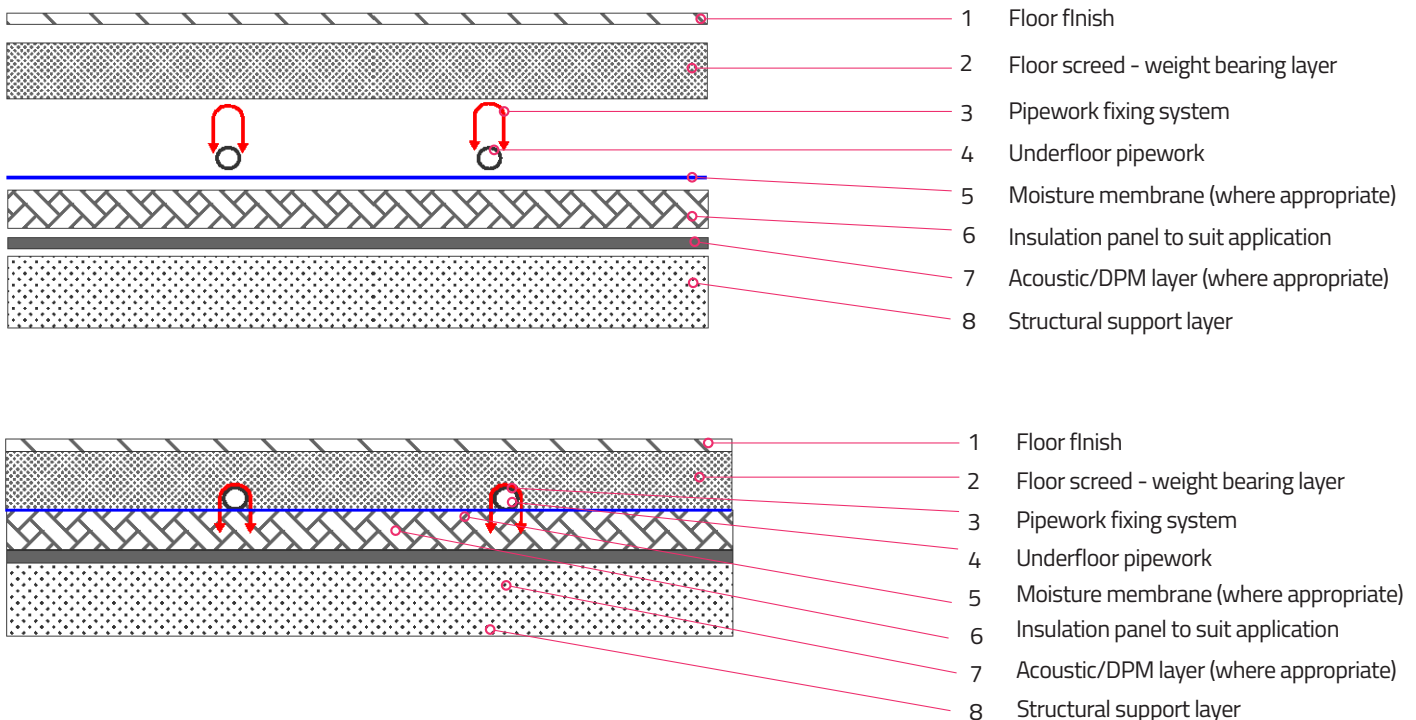
PRODUCT DESCRIPTION

The BAUCLIP screed system forms part of our comprehensive range of underfloor heating panel systems. This standard screed system is cost effective and ideal for new build installation, or where structural floors are being replaced.

Standard floor insulation is laid over a structural deck and the underfloor heating pipe work is fixed onto the insulation using either staples or rails and staples (rails are for a more consistent pipe spacing) with the screed laid over giving a finished floor to accept the floor ready to accept carpet, wood or tiles directly or even vinyl with some preparation work to smooth the screed finish.



PRODUCT SECTIONS



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Structural heating panel



TECHNICAL DATA

CONSTRUCTION TYPE	BS1264 Type A
WEIGHT BEARING LAYER	Screed (by others)
WEIGHT BEARING LAYER THICKNESS	Varies on screed type – see BS8204 or screed manufacturers data sheets. Typically, 50mm for liquid screed, 65mm for traditional sand/cement screeds.
WEIGHT BEARING LAYER CONDUCTIVITY	Varies on screed type. Typically, 1.2 W/mK for sand/cement screed, 1.5 W/mK or better for Anhydrite screeds.
THERMAL DIFFUSION LAYER THICKNESS	Same as weight bearing layer
THERMAL DIFFUSION LAYER CONDUCTIVITY	Same as weight bearing layer
THERMAL INSULATION TYPE	To suit application
THERMAL INSULATION CONDUCTIVITY	To suit BS1264-4 or building regulations. Typically, 0.036 W/mK or better.
THERMAL INSULATION GRADE	To suit application. Typically, 100 kPa or better.
ACOUSTIC LAYER	Optional
STRUCTURAL LAYER	By others
PIPE FIXING METHOD	Staples, Staples and Rails, Castellated Panels
SYSTEM WEIGHT	Varies
ACOUSTIC INSULATION RDB	Optional
RECYCLABLE	Baseboard – Yes Topboard – Yes

HEATING PERFORMANCE DRT = 20°C, 1.0 Tog covering per BS1264-3

BauClip

Pipe size	Pipe spacing	Heat output*	Heat output*	Heat output*	Heat output*
		W/m ² @ 60/50 1.0 tog	W/m ² @ 55/45 1.0 tog	W/m ² @ 45/38 1.0 tog	W/m ² @ 35/29 1.0 tog
16 x 2	150	100	90	65	33
16 x 2	200	96	82	60	31

* Heat Outputs:

1. Based on effective heated foil area.
2. Based on design room temperature of 21°C.
3. Shown using a 1.0 TOG default floor covering per BS1264-3.
4. Will increase/decrease depending on the floor covering used.
5. Will vary on final floor construction installed.

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