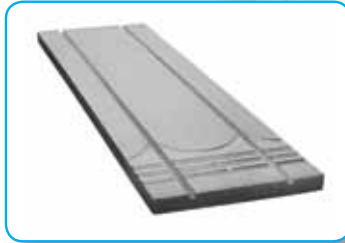


Installing JG Overlay - Joists and Battened Floors

A grooved, foil faced insulation panel for installing 15mm Speedfit pipe over existing floor structures (between battens) or under the floor (between existing joists). The system is a suitable choice for both new build and renovation projects.

Similar to other JG Speedfit Underfloor Heating systems, a variety of floor coverings can be used. The JG panels will prove an excellent installation method for optimising heat efficiency and lowering energy consumption.



Part No.	Description	Size
JGUFHBOARD2	OVERLAY BOARD	1250MM x 350MM

STEP 1. JG 'Underboard' is intended to be used below flooring and supported firmly in contact with the underside of the flooring. It is ideally suited to refurbishment projects. As with all UFH systems additional insulation may be required to meet building requirements.

STEP 4. Grooves spaced at 200mm from centre of pipe or 67.5mm from edge of grooves, the boards can be sized to accommodate most joist centres. If the panel is too wide, trim the material evenly from both sides to ensure a snug fit.

STEP 2. Some time spent planning the installation will save time later and make installation easier. The main consideration is the amount of runs and the route these pipes will take from the manifold.

STEP 5. Allow 300mm at the ends of the panels for the pipe return bends.

STEP 3. Battens should be fixed along the length of the joist, 50mm down from the top of the joists in order to support the panels along its length. Good contact between the surface of the panel and the bottom of the flooring is essential in maximising the performance of this system.

STEP 6. Pipework can enter the panel system at either end or even in the centre, pipework can be cabled through joists or via grooves at the top of the joists. Consult building regulations to ensure compliance.

DATA - 50mm OVERLAY BOARD

Dimensions	- 1200 x 350 x 50 mm
Materials	- Expanded Polystyrene BS EN 13163
Compressive Strength	- 100 (kPa) @ 10% compression
Conductivity	- 0.036 (W/mk)
Heat Output	- Approx 50 - 60w/m ²
Recommended Flow Temperature	- 50 - 60°C
Pipe Centres	- 200mm
Maximum Circuit Length	- 100m
Typical Coverage per Loop	- 15 - 20m ²
Applications	- New Build or renovation, single or multiple rooms

Floor Coverings	- Tiles/slate,/ceramic etc. Carpet/Vinyl Laminate floors Natural wood
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