

HEATBACKER Board

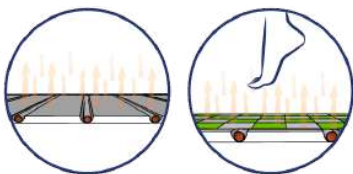
Product Information & Technical Data Sheet

HEATBACKERBoard are the ideal solution when looking for a low profile overlay board for tiled floor applications.

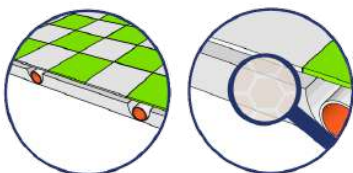
These light weight extruded polystyrene (XPS) core panels are faced on both sides with a glass fibre reinforcement mesh and cementitious coating.

Available in multiple thicknesses, the panels can be routed to accept either 10mm, 12mm or 16mm pipework in a variety of designs to suit your specific requirements.

Key Benefits



Efficient and fast transfer of heat



Suitable for all types 10, 12 & 16mm pipework



High compressive strength



Ideal for tiled flooring to be laid directly over



CNC routing options: Straights, radius returns and universal



Specification

Panel Dimensions	15/18/20/25/30/40/50 mm (H) 600mm (W) 1200mm (L)
Thermal Resistance (EN 13162:2012)	18mm = 0.65 m ² K/W 20mm = 0.72 m ² K/W 50mm = 1.56 m ² K/W
Thermal Conductivity	0.036 W/mk
Panel Weight	2.5 kg per panel
Compressive Strength (kPa)	300 kPa
Tolerances	Length & Width = +/- 1mm Height = +/- 0.2mm

Product Applications

Concrete In-situ Floor

CIS



1. Ceramic tiles
2. ResoThermEdge flanking strip
3. UFH pipes laid in Resonate HEATBACKERBoard
4. Levelling compound to achieve SR2 flatness
5. 200mm Reinforced insitu concrete slab
6. MF Ceiling (min 100mm void)
7. 1 x 9.5mm acoustic plasterboard

Solid Timber Joisted Floor

STJ



1. Ceramic tiles
2. UFH pipes laid in Resonate HEATBACKERBoard
3. ResoThermEdge flanking strip
4. 200mm (min) timber joists
5. 100mm 45kg/m³ mineral wool
6. 30mm ResoBar resilient bars
7. 2 x 15mm acoustic plasterboard