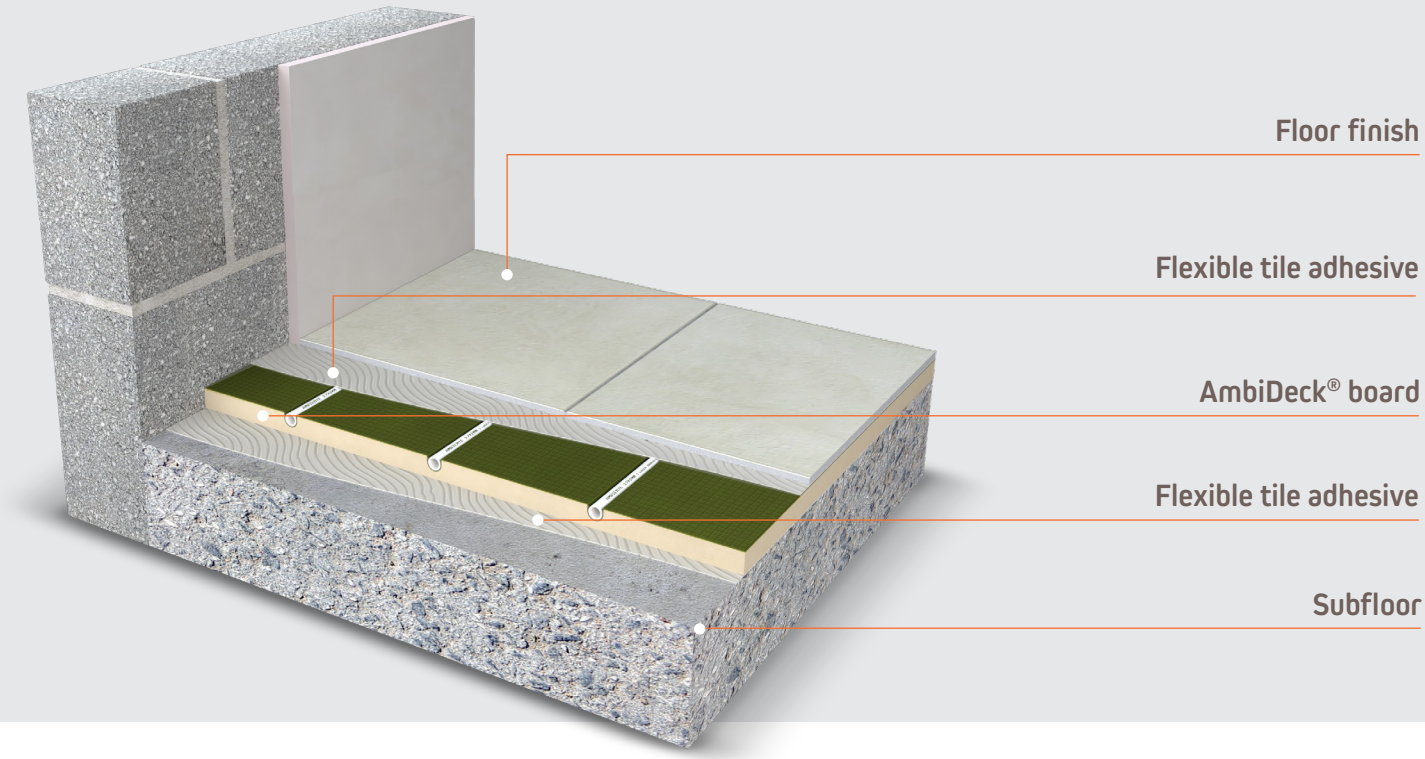
ambiente®
more than underfloor

AmbiDeck® datasheet



System overview

The AmbiDeck® system really does give the best of both worlds – it provides a low-profile underfloor heating system, which incorporates an insulation layer and can be tiled directly onto. AmbiDeck® consists of a high-density XPS insulation panel, 18 mm thick.

The face of the panel is cement-coated, making it rigid and durable. It is grooved to take 12 mm UFH pipework, with a radius return grooved into each panel, making the panel universal. Additional pipework channels can easily be routed/ grooved into the panel.

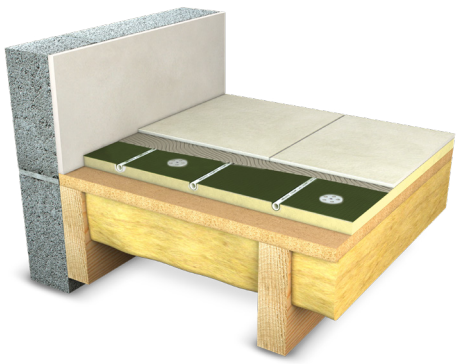
Benefits

- Tile directly over insulation layer.
- Low-profile system with a high-output.
- High-density XPS insulation panels.
- Installation is quick and efficient, making your time on-site short and sweet.

AmbiFibre levelling compound

AmbiDeck® must be laid onto a flat and level subfloor, which can either be concrete or timber based. Over a concrete floor, we recommend laying the AmbiDeck® panels over a combed layer of flexible tiling adhesive. Over a timber floor, we recommend securing the panels down with a minimum of 9 screws, using the AmbiDeck® washers.

Tiled flooring can be laid directly over this system. Other finishes such as wood, carpets or vinyl will require an intermediate layer (i.e. 4-6 mm AmbiFibre levelling compound or a cement board), prior to the finish being installed.



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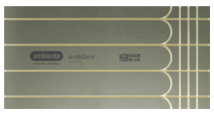
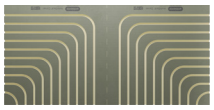
Component	Product	Code	Quantities required
	AmbiDeck® Panels	46170	1.2 x 0.6 m - 18 mm thick
	AmbiDeck® Highway panels	46171	1.2 x 0.6 m - 18 mm thick
	AmbiDeck® Cornerboard	46172	1.2 x 0.6 m - 18 mm thick
	AmbiDeck® screws	46192	One box per 30 m²
	AmbiDeck® washers	46195	One bag per 15 m²
	AmbiFibre levelling compound – 20 kg	45710	1.7 kg per mm per m² – e.g. 1.7 kg x 6 mm = 1 m² of 6 mm thickness finished product
	Manifold	41320	Depends on heated area - normally approx. 1 port per 13 m² of heated area
	Manifold couplings	42189	For 12 mm Ambiente pipe
	12 mm UFH pipe	39000	8 linear metres of pipe per m² of heated area
	Pipe bends	41040	2 per port (used to form a neat bend in the pipe beneath the manifold)