



Floor finish

Flexible tile adhesive

12mm AmbiFlex® P12 UFH pipe

AmbiSoundDeck board

Concrete subfloor

Timber subfloor

±18MM±

Low-profile build-up



Tile over directly



-21dB acoustic improvement



Correct uneven subfloors

## System Overview

The AmbiSoundDeck system provides the ultimate combination of acoustics, insulation and underfloor heating in one product, reducing labour time and improving the quality of the installation on site. It provides a low-profile underfloor heating system, incorporates high-density XPS thermal insulation, includes a high-performance acoustic detail and can be directly tiled over - truly unique within the underfloor heating market.

The thickness of the panel is 18mm. The face of the panel is cement-coated, making it rigid and durable. It's grooved to take 12mm UFH pipework, with a radius that returns grooved into each panel, making the panel universal. Additional pipework channels can easily be routed/grooved into the panel.

## Key Features

- **Noise Reduction** - Tested to reduce through-floor sound by 21dB.
- **18mm High-Density XPS** - Provides robust insulation and excellent compressive strength.
- **Fast Installation** - Lightweight panels allow quick fitting and reduced on-site time.

## AmbiFibre Pro Compound

AmbiSoundDeck must be laid onto a flat and level subfloor, which can either be concrete or timber-based. The AmbiSoundDeck panel should be bonded using either flexible tile adhesive or DeckBond spray adhesive.

Tiled/hard-wearing finishes can be laid directly over this system. The floor construction should be fully bonded. Other finishes, such as carpets, vinyl, or wood, will require an intermediate layer prior to the finish being installed. We recommend using 6mm of Ambifibre levelling compound.

### PERFORMANCE SPECIFICATION

20°C ROOM TEMPERATURE AT MWT OF 45°C AND 0 TOG

HEIGHT (MM)	WEIGHT (KG/M <sup>2</sup> )	OUTPUT (W/M <sup>2</sup> )
<b>18</b>	<b>13</b>	<b>79</b>

Tested in accordance with BS EN1264-2:2021