



Floor finish

AmbiFibre Pro levelling compound

12mm AmbiFlex® P12 UFH pipe

16mm AmbiSolo panel

Concrete subfloor

Timber subfloor

±18MM±

Low-profile build-up



High output



Fully bonded system



Self-adhesive backing

## System Overview

The AmbiSolo® system is a low-profile castellated underfloor heating system, designed for refurbishment projects where floor build-up is at a premium. The system incorporates a 12mm AmbiFlex® P12 underfloor heating pipe within a 16mm panel, which is then covered with fibre-reinforced levelling compound to create a total build-up of 18-22mm.

The way this system is designed means that it must be laid directly onto a structural, level subfloor, not onto any loose flooring or insulation layer. This can be a concrete subfloor or chipboard floor, but it must be a structural layer as the 18-22mm compound is not structural in its own right.

## Key Features

- **Rapid response time** - Heats up in just 15-25 minutes (depending on floor covering)
- **High heat output** - Up to 135 W/m<sup>2</sup> @ 45°C MWT
- **Low-profile** - Only 18mm total system build-up
- **Direct tiling** - Suitable for tiling directly over the system

## AmbiFibre Pro Compound

Use AmbiFibre Pro, a fibre-reinforced levelling compound.

Most floor finishes can be laid directly on top of the AmbiSolo® system. As always with tiled floors, we would recommend the use of a de-coupling membrane to soak up any lateral movement and reduce the risk of hairline cracks appearing in the grout.

### 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>32</b>                   | <b>135</b>                 |

Tested in accordance with BS EN1264-2:2021