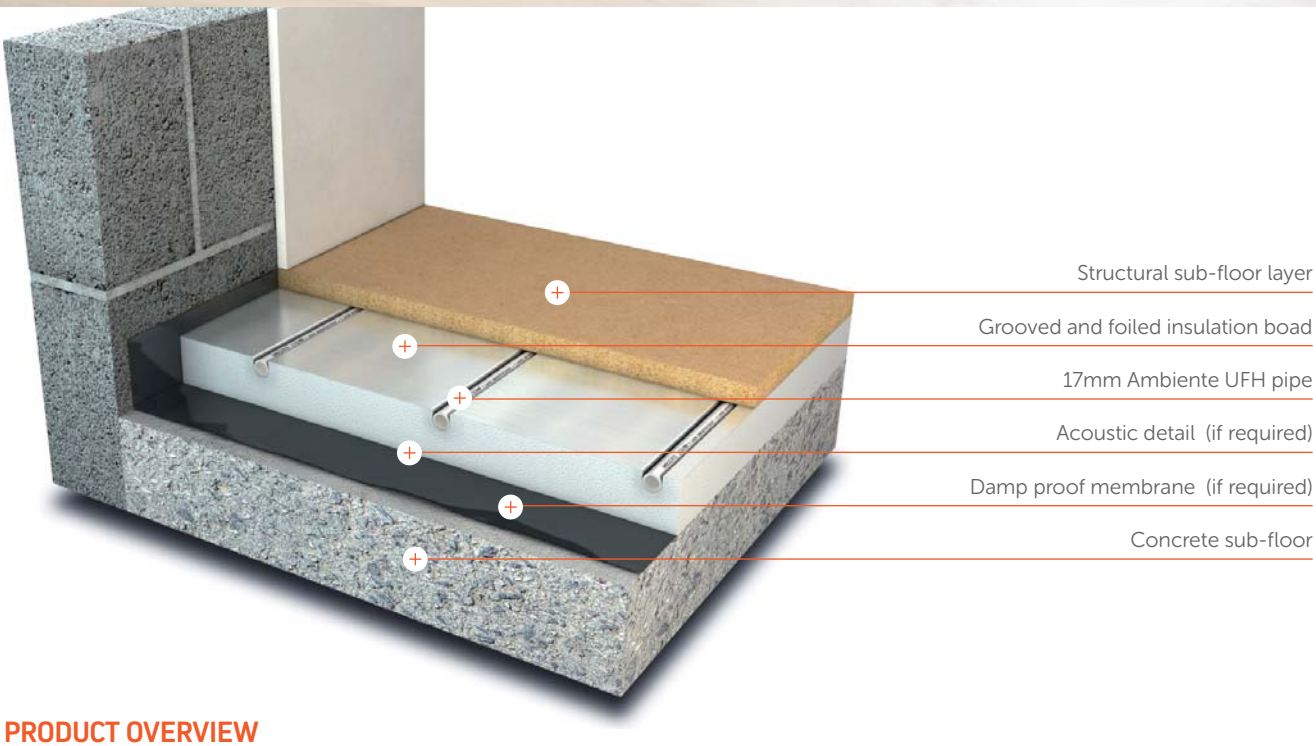
AMBIFLOAT 10 SYSTEM

FLOATING FLOOR CONSTRUCTION

ambiente®

more than underfloor



PRODUCT OVERVIEW

The AmbiFloat 10 system can be used in existing floor constructions as well as new build applications. It requires a flat and level solid sub floor for the insulation to fully support the floor finish on top. The insulation is pre-grooved to take the underfloor heating pipework and over laid with foil to assist the distribution of heat.

The installation involves covering the complete floor area with insulation and where necessary using battens to provide extra support to door thresholds or perimeter edging. The pipework is then laid into the grooves as per the installation drawings and taken back to the manifold to complete the circuit. The system is then overlaid with a fully floating floor deck onto which your floor finish is applied. In the case of wooden floors, this can be laid directly on to the insulation to minimise height buildup and maximise the heating output.

However, please note that you should always check with the wood flooring manufacturer before laying directly onto UFH systems., as some will insist that their products should not come in direct contact with the UFH pipework. In this instance, you would need to lay an additonal layer, such as a 6mm plywood.

The reflective properties of the aluminium foil face mean that any heat is efficiently pushed up through the sub-floor layers for maximum heat output. The nature of the system means that it has a quicker response that a traditional (screed) UFH system.

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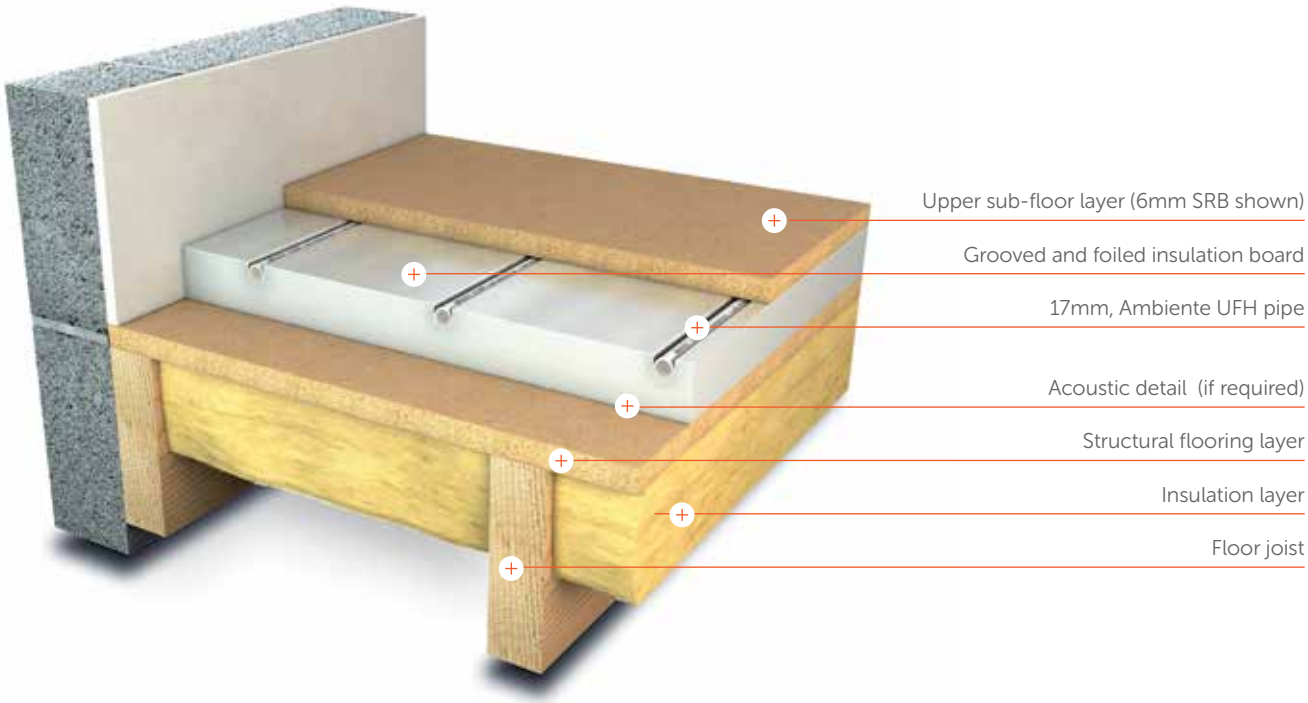
AMBIFLOAT 10 SUSPENDED
FLOATING FLOOR CONSTRUCTION

ambiente®

more than underfloor



PRODUCT OVERVIEW

The AmbiFloat 10 system can also be used in a suspended floor application, providing there is a structural flooring layer over the joists, which is level and firm. This will enable the AmbiFloat panels to fully support the floor finishes on top. The insulation is pre-grooved to take the underfloor heating pipework and covered with foil to assist in the distribution of heat.

The reflective properties of the aluminium foil face mean that any heat is efficiently pushed up through the sub-floor layers for maximum heat output. The nature of the system means that it has a quicker response that a traditional (screed) UFH system.

The installation involves covering the complete floor area with insulation panels and where neccesary using battens to provide extra support to doorway thresholds and permiter.

The system is finally overlaid with a fully floating floor deck onto which your final floor finish is applied. In the case of some finishes such as wood floors, these can be laid directly on to the insulation to minimise height build up and maximise heating output.

However, please note that you should always check with the wood flooring manufacturer before laying directly onto UFH systems, as some will insist that their products should not come in direct contact with the UFH pipework. In this instance, you would need to lay an additional layer, such as a 6mm plywood.

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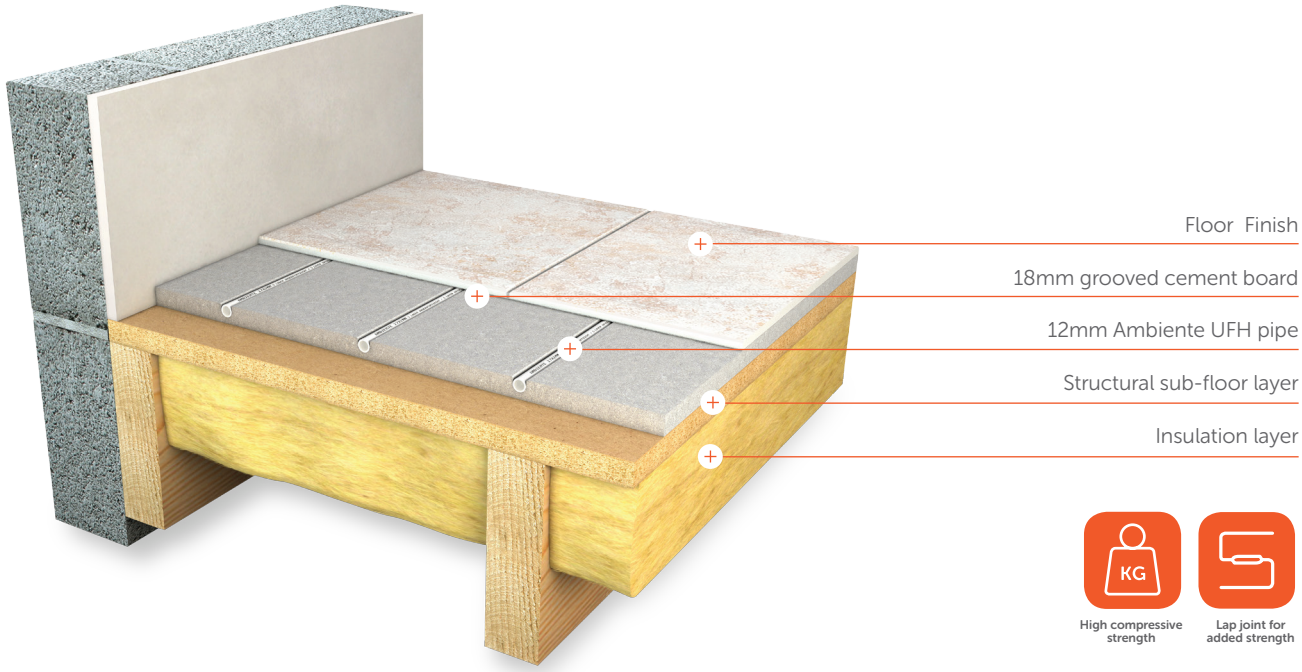
AMBILOWBOARD (SRB) SYSTEM

LOW PROFILE RANGE

ambiente®

more than underfloor



KG

High compressive strength

Lap joint for added strength

PRODUCT OVERVIEW

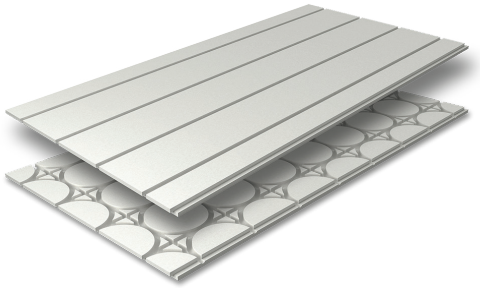
AmbiLowboard (SRB) is a grooved cement board system, part of our low-profile range, ideal for retro-fit scenarios. This system is designed for hard floor finishes such as tiles and wood flooring, which can be laid directly on top of the installed system.

The boards are supplied in two pre-routered panels - straight boards and return panels, depending on the configuration of the pipework pattern. The cementitious nature of the board gives it a low thermal resistance, which allows for a good and even spread of heat through the floor.

The AmbiLowboard (SRB) system must be laid on a flat, level and solid base, in order to give a consistent surface on which to lay floor coverings. Note that floor finishes such as carpet and vinyl cannot be laid directly onto this system for point-loading reasons - in this scenario an additional layer (normally a 6mm plywood) needs to be laid over the system before the floor finish is laid. We recommend bonding it down, rather than mechanically fixing, to avoid damage to the pipework.

AmbiLowboard (SRB) on ground floor

AmbiLowboard (SRB) SX and RX boards



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