

# 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 additional layer, such as a 6mm plywood.

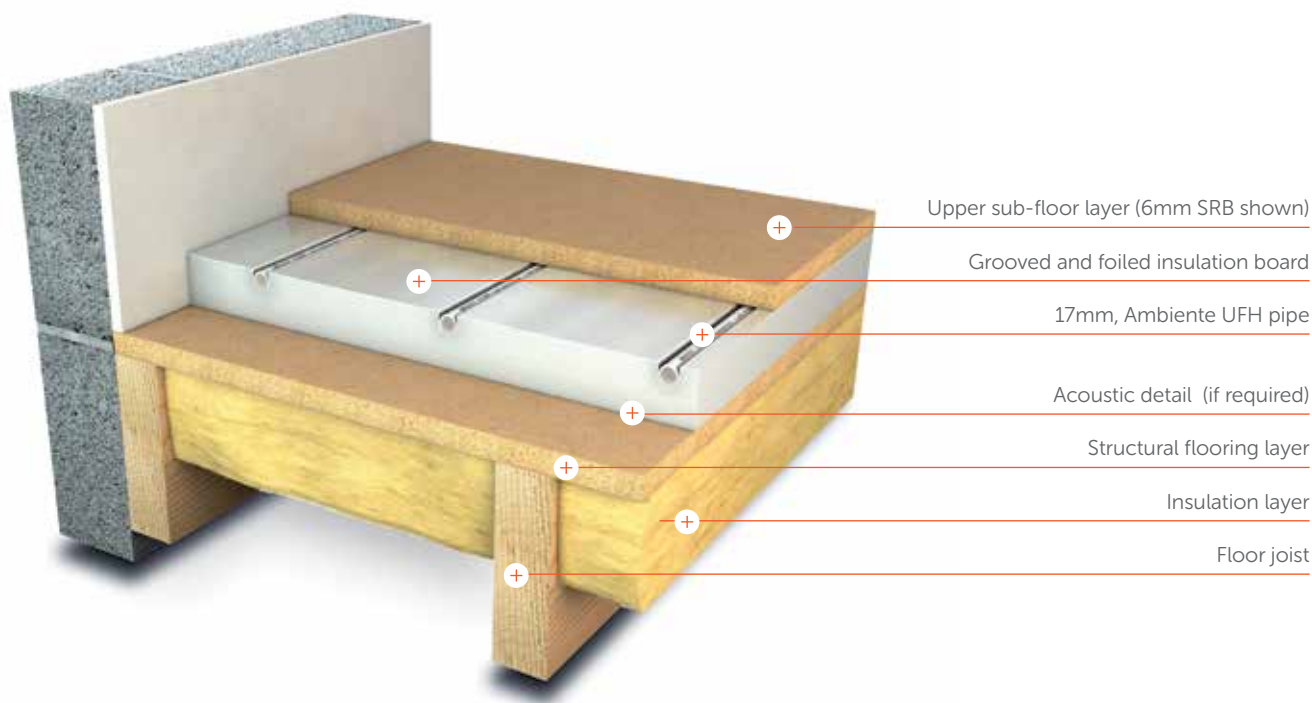
The reflective properties of the aluminium foil face mean that any heat is efficiently pushed up through the sub-floor layers for maximum heat output. The nature of the system means that it has a quicker response than a traditional (screed) UFH system.

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# AMBIFLOAT 10 SUSPENDED FLOATING FLOOR CONSTRUCTION

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## 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 than a traditional (screed) UFH system.

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

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.

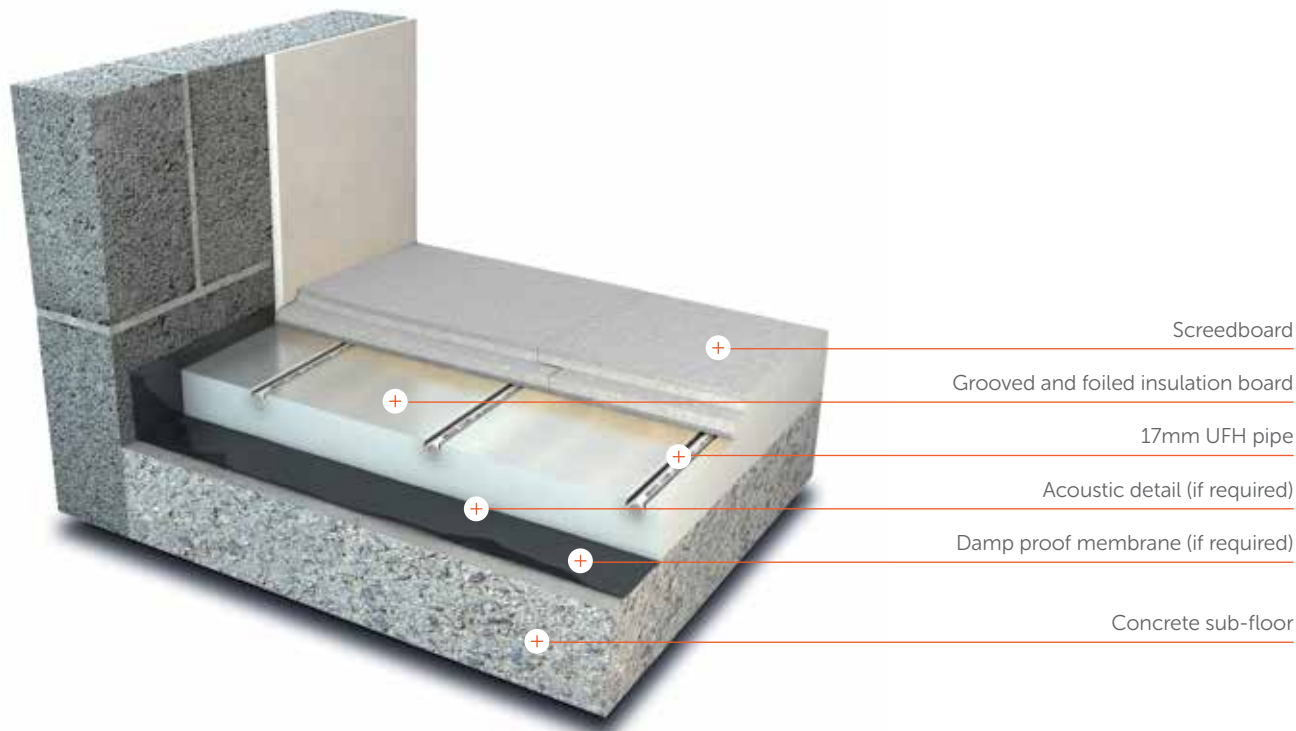
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# AMBIFLOAT 10 (SCREEDBOARD)

## FLOATING FLOOR CONSTRUCTION

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### 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 additional 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 than a traditional (screed) UFH system.

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