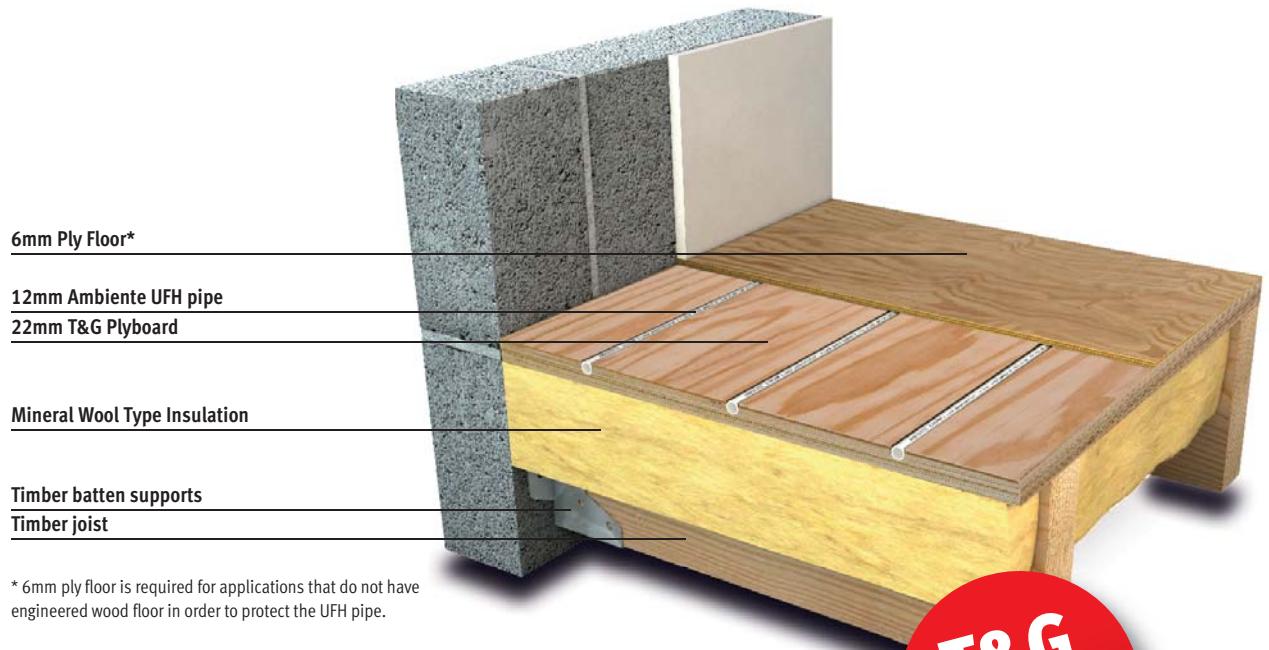


AmbiPlyboard 22 System

Low profile joisted floor construction

WMS
Underfloor Heating

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6mm Ply Floor*

12mm Ambiente UFH pipe
22mm T&G Plyboard

Mineral Wool Type Insulation

Timber batten supports
Timber joist

* 6mm ply floor is required for applications that do not have engineered wood floor in order to protect the UFH pipe.

System Overview

The AmbiPlyboard 22 system is manufactured from 22mm plyboard with tongue and groove edge detail. Panel dimensions are 2400mm x 600mm x 22mm. Each panel is supplied pre-routed to accommodate 12mm UFH pipe.

AmbiPlyboard 22 can be used in a structural applications where the joist/batten spacing is no greater than 400mm centres.

If the final floor covering is not engineered wood floor, a 6mm ply layer should be laid and fixed on top of the AmbiPlyboard floor to provide surface protection for the UFH pipe.

When laying AmbiPlyboard 22 you will also require the following:

- Required insulation for the floor.
- Suitable glue or bonding agent for T&G joints.
- No.8 particleboard screws.
- 6mm plywood (where an additional wood flooring is not fixed directly to the panels).

This product has been tested for point loading and can be used in light residential application areas. Abnormal point loadings will be the responsibility of the user.

Manifold Sizing Chart

Number of ports	2	3	4	5	6	7	8	9	10	11	12
Manifold Length (mm)	192	242	292	342	392	442	492	542	592	642	692

Recommended minimum installation clearances: 200mm between the finished floor level (FFL) and bottom of the manifold, 100mm above the manifold, 50mm to either side of the manifold and allow an extra 100mm for the supply pipe work.

Manifold Dimensions

