

# FastDeck Datasheet



Fastwarm® FastDeck 22mm chipboard is grooved at 150mm centres to accept 12mm pipe and factory fitted with a 100 micron foil covering for heat distribution suitable for applications over a suspended / joisted floor. In order to form a structural floor a minimum of 6mm ply or cement board is to be fixed over FastDeck Panels to accept most floor coverings.

## Technical Details

Panel Dimension	2400mm x 600mm (Area Coverage 1.44m <sup>2</sup> )
Panel Depth	22mm (Requires a minimum of 6mm overboard)
Chipboard Grade	P5
Foil Covering	100 micron
Thermal Conductivity	0.12W/mK (R Value = 0.18 m <sup>2</sup> K/W)
Pipe Diameter Required	12mm
Pipe Spacings	150mm centres
Weight with water and 6mm ply	13.92 kg/m <sup>2</sup>

## Key Benefits



Outstanding outputs  
and Heat Distribution



Good heat retention  
(Low Thermal Conductivity)



Suitable for use on acoustic  
system on separating floors



Minimal Height Build Up

## Installation of FastDeck System

When installing the Fastwarm FastDeck system, it is essential to lay the panels perpendicular, or at a 90-degree angle, to the joists. For instance, if the joists run from the front to the back of the room, the FastDeck should be laid from left to right.

## Specification

Fastwarm® FastDeck 22mm chipboard is grooved at 150mm centres to accept 12mm pipe and factory fitted with a 100-micron foil covering for heat distribution suitable for applications over a suspended / joisted floor. In order to form a structural floor a minimum of 6mm ply or cement board is to be glued and screwed over FastDeck Panels to accept most floor coverings.

## Storage

**NOTE:** If it is necessary to store the system once you have taken delivery, ensure it is kept in the following conditions:

- ✓ A dry, weather tight area
- ✓ Out of direct sunlight
- ✓ Away from sharp objects or chemical spillages
- ✓ All chipboard, woodboard or plywood must be stacked horizontally and raised off the ground
- ✓ It must not be exposed to moisture or high humidity

## Structural Testing

Fastwarm FastDeck has been tested by our supplier in accordance with.

BS EN 1195:1998

BS EN 12871:2013

Ultimate Floor Load, F Max = 6.62kN

\*safety factor of 50% should be applied to value

## Test Parameters

Timber Joist = 150mm x 47mm @ 600mm centre

FastDeck = 22mm Thick 12mm routed at 150mm centre

OverBoard = 6mm Hardie Backer Board glued and screwed at 150mm centre