

# Technical Specification

## Foil Board

(ACC-FBXX)

The high strength XPS insulation provide a strong layer of support for the finished floor. Each panel is manufactured from extruded polystyrene insulation (XPS) which has a high compressive strength, suitable for floating floor applications. The soft temper aluminium foil is pre-bonded to the panels. The panels are easily trimmed on site. Once the panels are in place, the pipe is pressed into the channels piercing the foil diffuser. To complete the floor a tongue and groove deck or floor finish is laid over. The product is available in standard thicknesses of 18, 25 & 35.

### SPECIFICATION

HydroHeat Foil Board system using 12mm (18mm FoilBoard only) or 16mm PE-RT pipe to DIN 4726 installed into Foil Board panels comprising of XPS extruded polystyrene with pre-bonded heat diffusers to be installed as a continuous insulation layer to support a fully floating floor. Tongue and groove floor deck to be laid over.

### TECHNICAL DETAILS

HydroHeat Foil Board Panel	
XPS expanded polystyrene panel with pre-bonded soft temper aluminium (k=0.033W/mK)	
Compressive Strength	200kPa
Density	28k/m <sup>3</sup>
Panel thickness	18mm/25mm/35mm
Panel Dimensions	1200 x 600mm
Weight with water	1.5kg/m <sup>2</sup> (50mm)
Pipe	16.5mm PE-RT to DIN 4726
	12mm PE-RT to DIN 4726 (18mm FoilBoard panel only)
Pipe Centres	150mm and 200mm

