

FLOORTEC Underfloor Heating

Plated Floor Specification



Suspended floor systems include joisted floors with conventional joists supported on end walls of sleeper walls, as well as solid floors with battens fixed to the floor. The underfloor heating system consists of **MYSON FLOORTEC** aluminium diffusion plates fitted between the joists or battens. These are grooved to accept the underfloor heating pipework.

Plates are manufactured from aluminium sheet and are available in two sizes (See table below). Grooves pressed into the plate are sized to accept 14 or 17mm **MYSON FLOORTEC** underfloor heating pipework, holding it firmly in place without damage to the pipe or external oxygen diffusion barrier.

The floor void is insulated with either loose fill insulation, such as Vermiculite, or mineral wool insulation, such as Rockwool (not supplied by **MYSON FLOORTEC**). It is essential that air movement in this void is reduced to a minimum otherwise excess heatloss will occur.

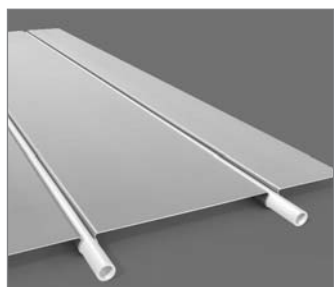
ALL PLATES 1000mm LONG

Plate Width (mm)	Joist Size (mm)	Pipe Centres (mm)
388	400	200
588*	600	200

*Special order only.

Materials

Plated - 17mm x 2mm dia PE-Xa high-density cross-linked polyethylene pipework with oxygen diffusion barrier conforming to DIN 4726 and BS 7291, **MYSON FLOORTEC** aluminium diffusion plates, 17/2mm manifold couplings, 25mm ball valves, pipe bend supports, pressure gauge and automatic air vent). Insulation by others.



Diffusion Plate



Underfloor heating pipe