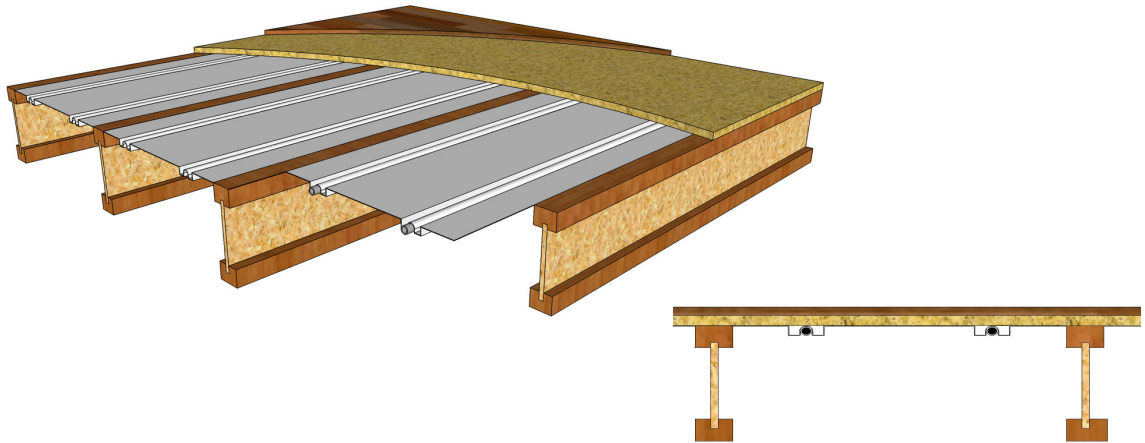


Dry Floor Constructions

Data Sheet 5A

Timber Suspended - From Below



Timber Suspended Floors - From Below

Underfix Timber floor systems apply to joisted floors where the floor deck has been laid leaving only access from below.

The USL underfix diffusion plate system is fitted from below after the floor deck has been laid and consists of a special inverted diffusion plate which allows the Underfloor heating to be installed from below the floor decking.

Underfix diffuser plates are available in:

- 345mm x 1000mm diffuser plate
- 545mm x 1000mm diffuser plate

Pipe centres are available in:

- 200mm centres
- 300mm centres

The USL underfix diffusion plates are held in place by staples which secure the diffusion plate to the underside of the floor deck, ensuring full contact to the underside of the floor deck at all times.

USL Polybutylene pipework is then pressed into the underfix diffusion plates which act as an excellent heat conductor. With the floor deck installed the heat spreads across the underside of the floor deck resulting in an efficient underfloor heating system.

As the insulation is fitted after the underfloor heating any type of insulation and thickness can be applied to suite the floor void.