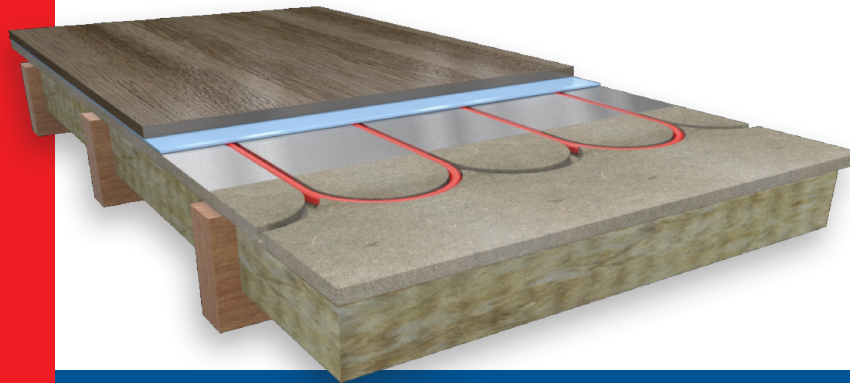


## Uni-Foilchip22

The Uni-Foilchip22 is a structural heating board which gives rapid even heat distribution, dry construction and is fully recyclable. With a 22mm thickness, a 6mm flooring grade ply would need to be bonded and mechanically fixed to the chipboard prior to any floor covering. This can be installed on solid, joisted and battened floors.



### ► UNDERFLOOR HEATING PIPE

Our 12mm PE-RT underfloor heating pipe is extremely flexible and is available in coil lengths of 240m & 600m.

### ► INSULATION

- **Suspended floors** - To reduce downward heat loss, insulation should be installed between the joists - this can be retrofitted when required.
- **Concrete Floors** - This provides an improved thermal barrier to that of a suspended floor, therefore, in a retrofit project, there is no economic reason to remove and replace the existing floor unless damp or structural failure are present.
- **Beam & Block Floors** - Insulation should be installed if access to the void is practical, if access is not available, they are similar to that of a concrete floor in that they will provide a much better thermal barrier - There is no benefit to warrant taking them up to fit insulation unless remedial work is being carried out to the floor.

**NOTE:** The edge insulation supplied should be fitted around the perimeter of all rooms which are having underfloor heating. On external walls, additional insulation will be required to comply to building regulations.

### ► FLOOR BUILD UP

Our Pre-routed chipboard can be installed over concrete or joisted floor. When installing over a joisted floor, ensure that a 6mm flooring grade ply is installed above prior to the final floor finish. Our CNC grooved chipboard is foil faced to ensure the highest performance is achieved. It can be either floated or screwed to the existing floor.

### ► FLOOR COVERINGS

Tiles, ceramic, stone and thin laminates have benefits such as improved response times and higher heat output. When installing tiles as your finished floor, ensure you use a quality flexible adhesive and we would highly recommend the use of a de-coupling layer. Carpets can be used, however ensure that the tog rating of both the carpet & underlay doesn't exceed 2.5. Also, natural wood with a low moisture content can be installed, however, ensure that the wood is acclimatised by following the manufacturers instructions

### UNI-FOILCHIP22

- 6mm Flooring grade ply (joisted floors only)
- 12mm PE-RT Pipe
- 22mm Chipboard pre-routed
- Insulation between Joists (by others)
- Concrete Slab / Joisted Floor

### WARRANTIES/INSURANCE

**Manufacturers Warranty:** All our pipe is covered by a 50 year warranty.

**Professional Indemnity:** £10million to cover our consultation and design service.