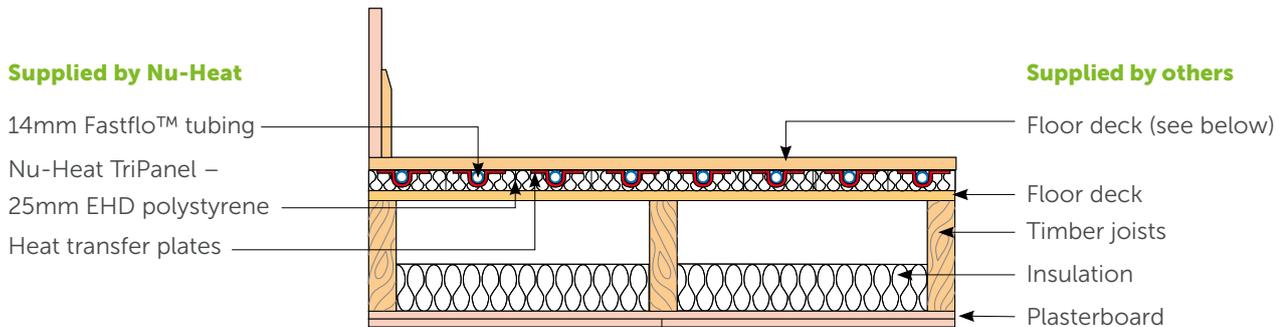


DPL14 – 14mm Fastflo™ in a floating floor



FLOOR HEATING TUBE

Nu-Heat's 14mm Fastflo™ tubing is extremely flexible which means that it can easily be installed around the numerous turns typical to any design. The use of multiple, shorter Fastflo™ coils within each temperature control zone means the tubing is installed at closer centres to ensure a more even heat distribution.

NU-HEAT TRIPANEL

Nu-Heat TriPanel™ is a high quality pre-moulded and versatile product designed to allow three tube spacings – 115mm, 175mm and 230mm. Dimensions: 1400mm x 700mm x 25mm.

INSULATION

If installed above unheated areas or in ground floors, insulation should be increased to at least 70mm 'Celotex' or equivalent, (or to building regulations Part L, whichever is greater).

FLOOR DECK

Laminate floors between 20 and 30mm thick may be laid on up to 3mm thick non-felt underlay directly onto the underfloor heating. Where large areas are to be tiled Nu-Heat recommends the use of our DPB14 floor construction with battens for added rigidity. All tiled floors need a 22mm tongue-and-groove chipboard deck. For other areas 18–22mm chipboard deck may be used. The overall thickness of the deck should not exceed 30mm unless this has been agreed with a Nu-Heat Design Engineer.

FLOOR COVERINGS

Tiles, stone and thin laminates offer benefits such as improved response time and higher heat output. A quality flexible adhesive should be used for fixing the tiles and a decoupling membrane is strongly recommended. Carpets can be used but the Tog value when combined with performance underlay should be no greater than 2.5. If the system is powered by a heat pump greater restrictions apply. Natural timber with a low moisture content can be used, but care must be taken to properly acclimatise the wood by following manufacturers' instructions.

WARRANTIES/INSURANCE

Manufacturer's warranty: all UFH tube supplied by Nu-Heat is covered by a 50-year warranty, the first 10 years of which are insurance-backed.

Product liability: Nu-Heat maintains product liability insurance to £5 million.

Professional indemnity: As Nu-Heat's design service is integral to the operational effectiveness of the UFH system, the company holds professional indemnity insurance of £5 million to cover all aspects of our consultation and design services.

