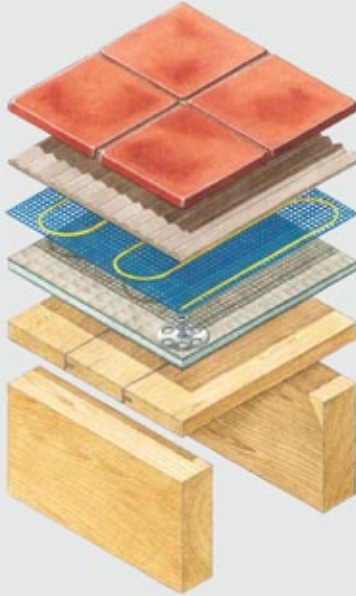


Typical Thermonet installation on suspended floor



- 1 FINISHED FLOOR COVERING, COULD BE CERAMIC, STONE, TIMBER, CARPET OR VINYL
- 2 FLEXIBLE CEMENT BASED TILE ADHESIVE, WHEN TILING OVER THERMONET, OR SELF LEVELLING COMPOUND WHEN LAYING A SOFT FLOOR FINISH (VINYL, CARPET OR TIMBER)
- 3 THERMONET
- 4 12MM ECONOBOARD COATED SCREWED DOWN AT 300MM CENTRES
- 5 FLOOR BOARDS OR CHIPBOARD FLOORING
- 6 FLOOR JOISTS

Timber subfloors

Both suspended and floating timber floors are suitable after preparation for Thermonet installations.

CHECKLIST

- IS SUBFLOOR RIGID
- ALL BOARDS/SHEETS SECURED
- OVERBOARD OR DECOUPLING MATTING
- ADEQUATE THERMAL INSULATION
- ACOUSTIC INSULATION (IF REQUIRED)
- WATERPROOF TANKING SYSTEM (IF REQUIRED)

Floor preparation

Floors should be rigid and all boards or sheeting must be secured and level.

The rigidity of the floor should be checked. Using a straight edge, measure the distance the floor deflects under a typical load. Where deflection exceeds 1mm over 3m, additional floor joists bracing or support should be fitted.

Uneven levels or floorboards that are cupped should be made good using a suitable floor levelling compound. Thermogroupuk recommend Stonefix fibre reinforced self levelling floor compound. Use Primer before laying Stonefix.

Overboarding

All timber floorboards and sheet flooring must be overboarded. Use either Econoboard Coated minimum thickness 12mm or WBP grade plywood minimum thickness 18mm. When using plywood always prime seal the back and edges of the sheet before fixing. Econoboard Coated must be screwed down at 300mm centres.

Decoupling matting

In certain situations decoupling matting can be used as an alternative to overboarding. Heatmats should be laid after the matting is installed. Thermogroupuk recommend Blanke and Wattec decoupling matting.

Thermal insulation

Subfloors that are not thermally insulated or that require a higher level of insulation should be improved before laying heatmats. Improving the thermal insulation will reduce floor heat up times. Thermogroupuk recommend using Econoboard Coated to improve insulation levels on timber subfloors. If possible always insulate between joists below floorboards.

Acoustic Insulation

If required an acoustic insulation system should be fitted before laying heatmats. Thermogroupuk recommend Dukkaboard Acoustic - SS soundproofing matting.

Waterproof Tanking

If required, a waterproof tanking system should be installed after the appropriate preparation is complete and before laying heatmats. Thermogroupuk recommend the Econoboard Showertight System (stock no 6200).

BEFORE LAYING HEATMATS, IT IS IMPORTANT THAT TIMBER SUBFLOORS ARE PROPERLY PREPARED, CLEAN AND FREE OF SHARP EDGES