

Thermally wrapped oak frame specification.

Walls

- Sweet Chestnut feather edge on vertical treated timber batten.
- DuPont™ Tyvek® Housewrap breathable membrane.
- 100mm Recticel Eurothane® GP PIR insulation board.
- Uninterrupted layer, taped at joints.
- DuPont™ Tyvek® Housewrap breathable membrane.
- 100mm x 50m treated sawn timber C24 @ ~400mm centres.
- 100mm Recticel Eurothane® GP PIR insulation board between.
- 25mm service cavity.
- 12.5mm & skim plasterboard lining.
- U-value: 0.122 W/m²K

Floor

- 25mm floor tiles & grout.
- 65mm toughened screed inc. UFH.
- 500 gauge slip membrane.
- 200mm Recticel Eurothane® GP PIR insulation board
- 1200 gauge DPM.
- 100mm GEN3 concrete.
- 50mm blinding sand
- 100mm compacted crushed type 2.
- U-value: 0.109 W/m²K

Footing

- 1500mm o/a depth, 450mm wide.
- 1050mm GEN1 concrete
- 450mm high density block
- Oak sole plate on high load DPC

Roof

- Bahco clay pantile on 25x50mm treated timber batten.
- DuPont™ Tyvek® Supro breathable membrane underlay.
- 100mm Recticel Eurothane® GP PIR insulation board.
- Uninterrupted layer, taped at joints.
- 12.5mm structural plywood.
- 100mm x 50m treated sawn timber C24 @ ~400mm centres.
- 150mm Recticel Eurothane® GP PIR insulation board between.
- 9mm & skim plasterboard lining.
- U-value: 0.097 W/m²K

