

ROOF U Value - 0.14 W/m²K

standing seam metal roofing

25mm batten - fix & support + 2w gap

breather membrane

35mm Isoroof

75x47 @ 600 centres

75mm insulation

200x47 rafters @ 600 cent.

2x100 insulation

WALLS U Value - 0.14

12mm plasterboard

25mm service void

11mm OSB board

vapour barrier

50x47 vert @ 400 cent.

75x47 @ 600 cent.

FLAT ROOF U Value - 0.14 W/m²K

fibre glass finish loft roof

25x47x25 battens with 18/22 OSB

breather membrane

12mm plasterboard

25mm service void

11mm OSB board

200x47 with 2x100 insulation

75x47 @ 400 centres with 75mm insulation

35mm Isoroof

vapour barrier

vertical trench chd.

25x47 battens

5x47 vert battens

breathable membrane

150x47 timbers

40mm Pevotherm.

140 insulation

75mm insulation

50mm insulation

150x47

225x47

FLOOR U Value - 0.11 W/m²K

15mm engineered flooring

50mm screed with underfloor h.

150mm insulation

concrete slab

dpm

