



Loads required are:-

Top Chord: 1500N/m² (Live Load)
 220N/m² (Partitions)
 475N/m² (Robust Makeup Dead Load)

Material	Load (N/m ²)
5mm Foam Strip	1
18mm T&G Deck	110
19mm Plasterboard Plank	140
70mm min Resilient Battens	60
25mm Wool insulation (10-36 kg/m ³)	9
18mm Deck	110
Self weight	45

Total = 475 N/m²

Bottom Chord: 366N/m² (Robust Makeup Dead Load)

Material	Load (N/m ²)
100mm Wool Insulation (10-36kg/m ³)	36
16mm Resilient Bars @ 400 Centres	15
2x15mm Plasterboard (incl. 3mm Skim)	270
Self weight	45

Total = 366N/m²