

### Timber: 36 mm thick, Grade V4

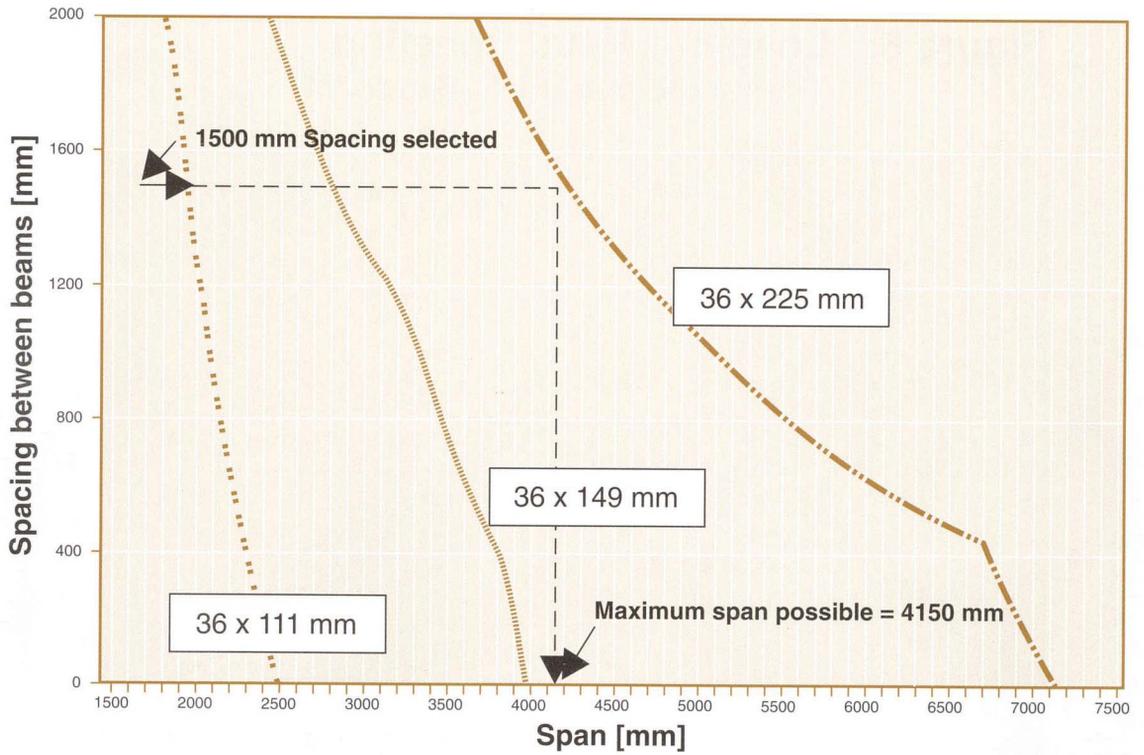


FIGURE 3: EXAMPLE 1. SHOWS HOW TO USE THE GRAPHS WHERE THE SPACING BETWEEN BEAMS IS FIRST SELECTED, RESULTING IN THE MAXIMUM SPAN FOR THAT PARTICULAR BEAM BEING READ OFF. THE EXAMPLE IS FOR A ROOF SUPPORTING METAL ROOF SHEETING, AND SHOWS THE POSSIBLE SPANS AND SPACINGS WHERE A 36 MM THICK GRADE V4 PIECE OF TIMBER HAS BEEN SELECTED.

### Timber: 100 mm thick Stocklam

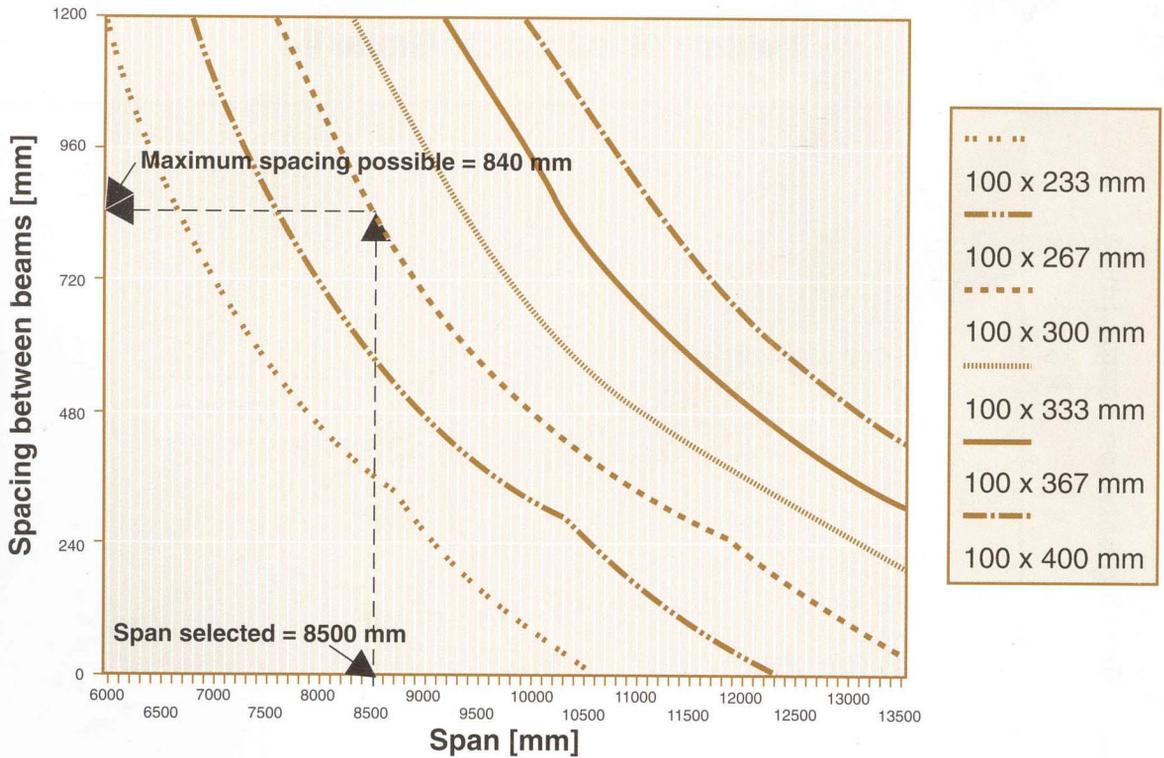


FIGURE 4: EXAMPLE 2 SHOWS HOW TO USE THE GRAPHS WHERE THE REQUIRED SPAN OF THE ROOF IS FIRST SELECTED, AND THE MAXIMUM SPACING BETWEEN THE BEAMS IS THEN READ OFF. THE EXAMPLE USED SHOWS THE CASE WHERE THE ROOF COVERING IS CONCRETE TILES.