



LINCS BUILDING  
CONSULTANCY

## Guidance Note No. 13

### Ceilings

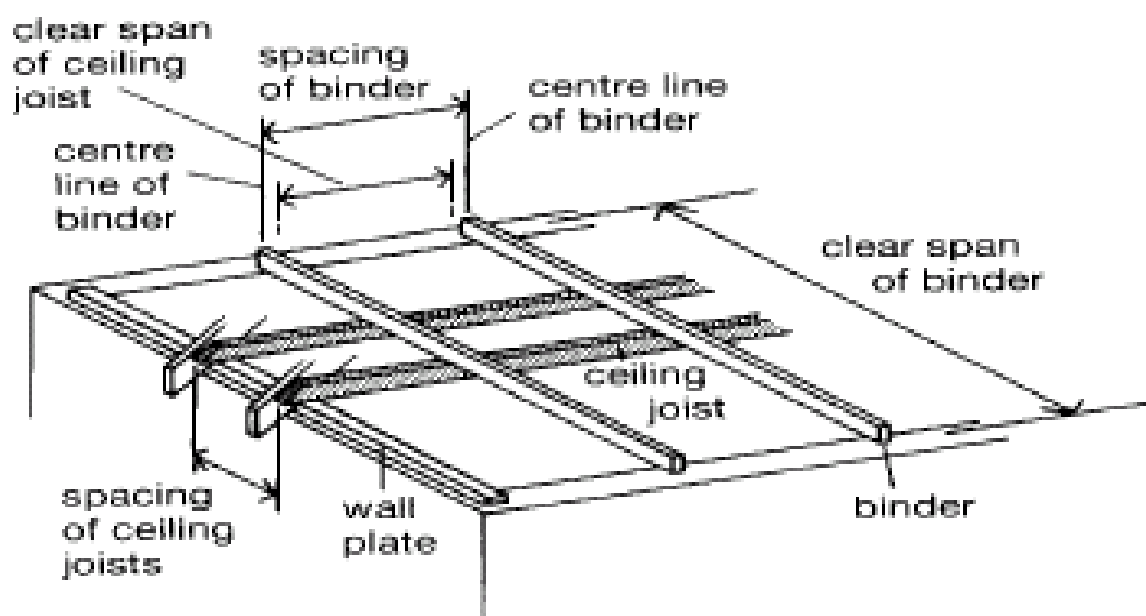
### Timber Sizes and Construction



The following tables give details of the allowable spans and spacing for some of the more common timber sizes used in ceiling construction. All figures are based on normal loading conditions found in domestic construction. In any other situation you should refer to the TRADA Document "*span tables for solid timber members in floors, ceilings and roofs (excluding trussed rafter roofs) for dwellings*" or ask your LBC Surveyor for advice.

<b>MAXIMUM CLEAR SPAN OF <u>CEILING JOISTS</u> IN METRES FOR C16 TIMBER</b>			
<b>Size of ceiling joist</b>	Spacing between joists		
	<b>400mm</b>	<b>450mm</b>	<b>600mm</b>
47 x 72	1.27	1.26	1.13
47 x 97	1.93	1.90	1.84
47 x 120	2.56	2.52	2.43
47 x 145	3.27	3.22	3.08
47 x 170	4.00	3.93	3.74
47 x 195	4.73	4.64	4.41
47 x 220	5.47	5.36	5.08

<b>MAXIMUM CLEAR SPAN OF <u>BINDERS</u> IN METRES FOR SC16 TIMBER</b>			
<b>Size of ceiling binder</b>	Spacing between binders		
	<b>1.5m</b>	<b>2.1m</b>	<b>2.7m</b>
47 x 175	2.49	2.27	2.11
63 x 200	3.43	2.95	2.74
75 x 150	2.51	2.30	2.15
75 x 175	2.48	2.72	2.54
75 x 200	3.45	3.15	2.93
75 x 225	3.93	3.57	3.32





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If you would like to receive this information in another language or in another format, such as large print, Braille or on an audio tape, please contact Administration at either of the offices shown above.

Please note that these guidance notes are for advice only and may not cover all situations. It is your responsibility to ensure that they are appropriate for use in your particular circumstances.