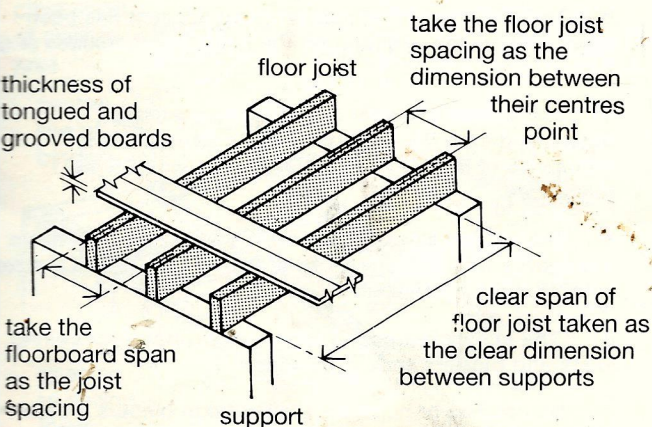


Table A2 Floor joists**Maximum clear span of joist(m) Timber of strength class SC4 (see Table 1)****Dead Load [kN/m²]** excluding the self weight of the joist

Size of joist (mm x mm)	Not more than 0.25			More than 0.25 but not more than 0.50			More than 0.50 but not more than 1.25		
	Spacing of joists (mm)								
	400	450	600	400	450	600	400	450	600
38 x 97	1.94	1.83	1.59	1.84	1.74	1.51	1.64	1.55	1.36
38 x 122	2.58	2.48	2.20	2.47	2.37	2.08	2.18	2.07	1.83
38 x 147	3.10	2.98	2.71	2.97	2.85	2.59	2.67	2.56	2.31
38 x 170	3.58	3.44	3.13	3.43	3.29	2.99	3.08	2.96	2.68
38 x 195	4.10	3.94	3.58	3.92	3.77	3.42	3.53	3.39	3.07
38 x 220	4.61	4.44	4.03	4.41	4.25	3.86	3.97	3.82	3.46
47 x 97	2.14	2.03	1.76	2.03	1.92	1.68	1.80	1.71	1.50
47 x 122	2.77	2.66	2.42	2.65	2.55	2.29	2.38	2.27	2.01
47 x 147	3.33	3.20	2.91	3.19	3.06	2.78	2.87	2.75	2.50
47 x 170	3.84	3.69	3.36	3.67	3.54	3.21	3.31	3.18	2.88
47 x 195	4.39	4.22	3.85	4.20	4.05	3.68	3.79	3.64	3.30
47 x 220	4.86	4.73	4.33	4.71	4.55	4.14	4.26	4.10	3.72
50 x 97	2.20	2.09	1.82	2.08	1.98	1.73	1.84	1.75	1.54
50 x 122	2.83	2.72	2.47	2.71	2.60	2.36	2.43	2.33	2.06
50 x 147	3.39	3.27	2.97	3.25	3.13	2.84	2.93	2.81	2.55
50 x 170	3.91	3.77	3.43	3.75	3.61	3.28	3.38	3.25	2.94
50 x 195	4.47	4.31	3.92	4.29	4.13	3.75	3.86	3.72	3.37
50 x 220	4.93	4.80	4.42	4.78	4.64	4.23	4.35	4.18	3.80
63 x 97	2.43	2.32	2.03	2.31	2.19	1.93	2.03	1.93	1.71
63 x 122	3.05	2.93	2.67	2.92	2.81	2.55	2.63	2.53	2.27
63 x 147	3.67	3.52	3.21	3.50	3.37	3.07	3.16	3.04	2.76
63 x 170	4.21	4.06	3.70	4.04	3.89	3.54	3.64	3.51	3.19
63 x 195	4.77	4.64	4.23	4.61	4.45	4.05	4.17	4.01	3.65
63 x 220	5.20	5.06	4.73	5.05	4.91	4.56	4.68	4.51	4.11
75 x 122	3.22	3.10	2.83	3.09	2.97	2.71	2.78	2.68	2.43
75 x 147	3.86	3.72	3.39	3.70	3.57	3.25	3.34	3.22	2.93
75 x 170	4.45	4.29	3.91	4.27	4.11	3.75	3.86	3.71	3.38
75 x 195	4.97	4.83	4.47	4.82	4.69	4.29	4.41	4.25	3.86
75 x 220	5.42	5.27	4.93	5.25	5.11	4.78	4.88	4.74	4.35
38 x 140	2.96	2.84	2.58	2.83	2.72	2.47	2.54	2.44	2.17
38 x 184	3.87	3.72	3.38	3.70	3.56	3.23	3.33	3.20	2.90
38 x 235	4.85	4.71	4.31	4.70	4.54	4.12	4.24	4.08	3.70



3 The section sizes are either regularised from BS 4471 basic sawn sizes in accordance with the requirements and tolerances of BS 4471 or CLS/ALS sizes with BS 4471 tolerances.

4 The minimum bearing length at supports for floor joists should be 35mm.

5 Notches and drilling of floor joists should not exceed the limits given in paragraph 1B6.

6 Partition loads have not been allowed for in tables A1 and A2.