

PRESTRESSED LINTELS - TEXTURED FINISH

LOAD/SPAN TABLE - TOTAL UNIFORMLY DISTRIBUTED SERVICE LOADS (KN)

Note: The self weight of the lintel must be subtracted from the load given

	Section	P100	P150	P220	P255	S10	R15	R15A	R22	R22A	S15	R21	R21A
	Profile	65x100	65x140	65x215	65x255	100x100	100x140	140x100	100x215	215x100	150x140	140x215	215x140
Manufacture size to order	Clear Span	Service Moment (KNm)											
		0.75	1.03	2.46	2.76	1.68	2.57	3.37	3.62	7.05	7.46	6.99	10.86
600	300	13.33	18.31	35.61	41.15	24.60	39.25	41.79	56.78	59.42	49.75	73.90	73.90
750	450	10.00	13.73	32.80	36.80	22.40	34.27	41.79	48.27	59.42	49.75	73.90	73.90
900	600	8.00	10.99	26.24	29.44	17.92	27.41	35.95	38.61	59.42	49.75	73.90	73.90
1050	750	6.67	9.16	21.87	24.53	14.93	22.84	29.96	32.18	59.42	49.75	62.13	73.90
1200	900	5.71	7.85	18.74	21.03	12.80	19.58	25.68	27.58	53.71	49.75	53.26	73.90
1350	1050	5.00	6.87	16.40	18.40	11.20	17.13	22.47	24.13	47.00	49.75	46.60	72.40
1500	1200	4.44	6.10	14.58	16.36	9.96	15.23	19.97	21.45	41.78	44.21	41.42	64.36
1650	1350	4.00	5.49	13.12	14.72	8.96	13.71	17.97	19.31	37.60	39.79	37.28	57.92
1800	1500	3.64	4.99	11.93	13.38	8.15	12.46	16.34	17.55	34.18	36.17	33.89	52.65
2100	1650	3.33	4.58	10.93	12.27	7.47	11.42	14.98	16.09	31.33	33.16	31.07	48.27
2100	1800	3.08	4.23	10.09	11.32	6.89	10.54	13.83	14.85	28.92	30.61	28.68	44.55
2400	1950	2.86	3.92	9.37	10.51	6.40	9.79	12.84	13.79	26.86	28.42	26.63	41.37
2400	2100	2.67	3.66	8.75	9.81	5.97	9.14	11.98	12.87	25.07	26.52	24.85	38.61
2700	2250	2.50	3.43	8.20	9.20	5.60	8.57	11.23	12.07	23.50	24.87	23.30	36.20
2700	2400	2.35	3.23	7.72	8.66	5.27	8.06	10.57	11.36	22.12	23.40	21.93	34.07
3000	2550	2.22	3.05	7.29	8.18	4.98	7.61	9.99	10.73	20.89	22.10	20.71	32.18
3000	2700	2.11	2.89	6.91	7.75	4.72	7.21	9.46	10.16	19.79	20.94	19.62	30.48
3300	2850	2.00	2.75	6.56	7.36	4.48	6.85	8.99	9.65	18.80	19.89	18.64	28.96
3300	3000	1.90	2.62	6.25	7.01	4.27	6.53	8.56	9.19	17.90	18.95	17.75	27.58
3600	3150	1.82	2.50	5.96	6.69	4.07	6.23	8.17	8.78	17.09	18.08	16.95	26.33
3600	3300	1.74	2.39	5.70	6.40	3.90	5.96	7.81	8.39	16.35	17.30	16.21	25.18
*4200	3450	-	-	-	-	-	5.71	7.49	8.04	15.67	16.58	15.53	24.13
*4200	3600	-	-	-	-	-	5.48	7.19	7.72	15.04	15.91	14.91	23.17
*4200	3750	-	-	-	-	-	5.27	6.91	7.43	14.46	15.30	14.34	22.28
*4200	3900	-	-	-	-	-	5.08	6.66	7.15	13.93	14.74	13.81	21.45
Lintel weight Kg per metre		14.27	19.38	32.20	35.61	22.91	30.91	30.91	45.59	45.59	42.19	63.83	63.83

Please Note: Clear spans shown above are in increments of 150mm and the safe working loads indicated are based on the clear span plus 150mm of bearing each end. Our lintels are supplied in a standard range of lengths and can be cut to length as required.

Lengths indicated * are not available in all section sizes

The safe working loads indicated in the grey band on the shorter spans are governed by shear. The safe working loads indicated in the grey band on the longer spans are not great relative to the span, these lintels should be used with caution.

Note 1: No assistance from composite brickwork is assumed or included in these figures.

Note 2 - Bearings: Minimum bearing length to be 150mm each, otherwise provide suitable pad-stones. Ensure, however, that all bearings are sound.

Loading Guide: The loads on the lintels should be assessed in accordance with the method described in BS 5977: Part 1 1981. We shall be happy to advise you on any aspect of the design and use of units from our standard range of lintels which may be used in combinations to suit your requirements.

