TEXTURED RANGE OF LINTELS LOAD/SPAN TABLE – Uniformly distributed service loads (kN/m)

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

Manufacture size to order	Section	P100	P150	P220	P255	S10	R15	R15A	R22	R22A	S15	R21	R21A
	Profile	65 x 100	65 x 150	65 x 220	65 x 255	100 x 100	100 x 140	140 x 100	100 x 215	215 x 100	150 x 140	140 x 215	215 x 140
	CLEAR SPAN	Service Moment (kNm)											
		0.96	1.06	2.61	3.09	1.60	2.79	4.82	5.88	12.47	8.61	8.08	13.33
600	300	37.75	37.75	70.68	91.44	50.67	71.24	117.11	152.89	210.67	110.56	180.00	280.00
750	450	21.33	23.56	53.00	68.58	35.56	53.43	87.83	114.67	158.00	82.92	135.00	210.00
900	600	13.65	15.08	37.12	43.95	22.76	39.68	68.55	83.63	126.40	66.33	108.00	168.00
1050	750	9.48	10.47	25.78	30.52	15.80	27.56	47.60	58.07	105.33	55.28	79.80	131.65
1200	900	6.97	7.69	18.94	22.42	11.61	20.24	34.98	42.67	90.29	47.38	58.63	96.73
1350	1050	5.33	5.89	14.50	17.17	8.89	15.50	26.78	32.67	69.28	41.46	44.89	74.06
1500	1200	4.21	4.65	11.46	13.56	7.02	12.25	21.16	25.81	54.74	36.85	35.47	58.51
1650	1350	3.41	3.77	9.28	10.99	5.69	9.92	17.14	20.91	44.34	30.61	28.73	47.40
1800	1500	2.82	3.11	7.67	9.08	4.70	8.20	14.16	17.28	36.64	25.30	23.74	39.17
2100	1650	2.37	2.62	6.44	7.63	3.95	6.89	11.90	14.52	30.79	21.26	19.95	32.91
2100	1800	2.02	2.23	5.49	6.50	3.37	5.87	10.14	12.37	26.24	18.11	17.00	28.04
2400	1950	1.74	1.92	4.73	5.61	2.90	5.06	8.74	10.67	22.62	15.62	14.66	24.18
2400	2100	1.52	1.68	4.12	4.83	2.53	4.41	7.62	9.29	19.71	13.61	12.77	21.06
2700	2250	1.33	1.47	3.44	3.98	2.22	3.88	6.69	8.17	17.32	11.96	11.22	18.51
2700	2400	1.18	1.30	2.87	3.32	1.97	3.43	5.93	7.23	15.34	10.59	9.94	16.40
3000	2550	1.05	1.16	2.42	2.80	1.76	3.06	5.29	6.45	13.68	9.45	8.87	14.63
3000	2700	0.95	1.04	2.05	2.38	1.58	2.75	4.75	5.79	12.28	8.48	7.96	13.13
3300	2850	0.82	0.94	1.76	2.04	1.42	2.48	4.28	5.23	11.08	7.65	7.18	11.85
3300	3000	0.70	0.85	1.52	1.76	1.29	2.25	3.89	4.74	10.05	6.94	6.51	10.75
3600	3150	0.61	0.78	1.32	1.53	1.18	2.05	3.54	4.32	9.16	6.33	5.94	9.79
3600	3300	0.53	0.71	1.15	1.34	1.08	1.88	3.24	3.95	8.38	5.79	5.43	8.96
*4200	3450	-	-	-	-	-	1.72	2.98	3.63	7.70	5.31	4.99	8.23
*4200	3600	-	-	-	-	-	1.59	2.74	3.35	7.09	4.90	4.60	7.58
*4200	3750	-	-	-	-	-	1.47	2.54	3.09	6.56	4.53	4.25	7.01
*4200	3900	-	-	-	-	-	1.36	2.35	2.87	6.08	4.20	3.94	6.50

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

Note 2: Bearings: Minimum bearing length to be 150mm each. Where required provide suitable padstones. Ensure, however, that all bearings are sound.

Note 3: Where information on self weights of individual units is given this is intended for guidance purposes only. They are subject to change depending upon changes to the raw materials used so it is important to check the actual weights before use if this is a critical factor.

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.

The safe working load per metre is the least of the flexural strength, the shear strength or the load that gives a deflection limit of L/325.

Deflection information is available for our full range of lintels, please see Supreme DoP or contact our technical department.

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.