

# Load-span tables

## HIGH FIRE RATED LOAD-SPAN TABLE (90 -240 minutes fire rating)

	LINTEL REFERENCE	HF R15	HF S15	HF R21	HF R21A	HF R23
	SECTION PROFILE	140 x 100*	140 x 150	215 x 140	140 x 215	215 x 215
SIZE TO ORDER	CLEAR SPAN (MM)	MAXIMUM SERVICE LOAD IN kN/m (IN ADDITION TO SELF WEIGHT)				
600	300	80.70	113.39	175.77	170.94	237.78
750	450	58.60	82.33	127.64	124.12	172.63
900	600	39.87	64.58	100.14	97.37	135.41
1050	750	26.93	53.10	82.34	80.06	111.32
1200	900	19.37	45.06	60.61	67.95	94.46
1350	1050	14.56	39.12	45.66	58.99	82.00
1500	1200	11.33	34.55	35.57	52.10	72.41
1650	1350	9.04	28.00	28.46	46.64	64.81
1800	1500	7.36	22.90	23.24	42.20	56.90
2100	1800	5.13	16.10	16.28	33.35	40.03
2400	2100	3.74	11.88	11.96	24.69	29.58
2700	2400	2.82	9.09	9.10	18.96	22.66
3000	2700	2.18	7.15	7.11	14.97	17.85
3300	3000	1.72	5.74	5.67	12.09	14.36
3600	3300	1.37	4.69	4.60	9.93	11.75
4200	3900	0.90	3.25	3.12	6.98	8.19

\* Width x height

Safe working loads indicated are based on the clear span plus 150mm of bearing each end.  
Our lintels can be cut to length as required.

## EXTREME FIRE RATED LOAD-SPAN TABLE

	LINTEL REFERENCE	XF R23	XF R24	XF R25	XF R26	XF R27
	SECTION PROFILE	215 x 215 *	105 x 140	105 x 215	140 x 215	140 x 140
SIZE TO ORDER	CLEAR SPAN (MM)	MAXIMUM SERVICE LOAD IN kN/m (IN ADDITION TO SELF WEIGHT)				
900	600	97.87	28.90	49.99	76.38	47.43
1050	750	80.48	23.76	41.11	62.81	37.50
1200	900	68.30	18.68	34.89	53.31	27.00
1350	1050	59.30	14.07	30.30	46.29	20.34
1500	1200	52.37	10.97	24.11	37.70	15.84
1650	1350	45.83	8.77	19.32	30.20	12.67
1800	1500	37.51	7.17	15.8	24.71	10.35
2100	1800	26.40	5.02	11.11	17.38	7.24
2400	2100	19.51	3.69	8.20	12.83	5.32
2700	2400	14.95	2.81	6.28	9.82	4.04
3000	2700	11.77	2.20	4.94	7.73	3.16
3300	3000	9.47	1.75	3.97	6.21	2.51
3600	3300	7.76	1.42	3.24	5.08	2.03

\* Width x height (the width includes the fire proof coating)

Safe working loads indicated are based on the clear span plus 150mm of bearing each end.  
The Extreme Fire Rated Lintels cannot be cut.