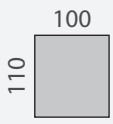



HI-STRENGTH LINTELS – TEXTURED FINISH

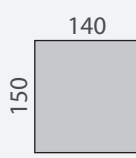
HSS10 110 x 100mm	Length (mm)	CODE
	900	HSS 10090
	1050	HSS 10105
	1200	HSS 10120
	1350	HSS 10135
	1500	HSS 10150
	1650	HSS 10165
	1800	HSS 10180
	2100	HSS 10210
	2400	HSS 10240
	2700	HSS 10270
	3000	HSS 10300
	3300	HSS 10330
	3600	HSS 10360
	4200	HSS 10420



HSR15 140 x 100mm	Length (mm)	CODE
	900	HSR 15090
	1050	HSR 15105
	1200	HSR 15120
	1350	HSR 15135
	1500	HSR 15150
	1650	HSR 15165
	1800	HSR 15180
	2100	HSR 15210
	2400	HSR 15240
	2700	HSR 15270
	3000	HSR 15300
	3300	HSR 15330
	3600	HSR 15360
	4200	HSR 15420



HSS15 150 x 140mm	Length (mm)	CODE
	900	HSS 15090
	1050	HSS 15105
	1200	HSS 15120
	1350	HSS 15135
	1500	HSS 15150
	1650	HSS 15165
	1800	HSS 15180
	2100	HSS 15210
	2400	HSS 15240
	2700	HSS 15270
	3000	HSS 15300
	3300	HSS 15330
	3600	HSS 15360
	4200	HSS 15420




These lintels are not universal and must be used in the correct orientation.

HI-STRENGTH 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

Section		HSS10	HSR15	HSS15	HSR22	HSR21
Manufacture Size to Order	Profile	110 x 100	140 x 100	150 x 140	215 x 100	215 x 140
	Clear Span	Service Moment (kN/m)				
		2.53	6.74	10.09	17.20	18.03
900	600	35.98	52.13	104.96	123.60	167.60
1050	750	24.99	43.44	87.47	123.60	139.67
1200	900	18.36	37.24	73.22	123.60	119.71
1350	1050	14.06	32.58	56.06	95.56	100.17
1500	1200	11.11	28.96	44.29	75.50	79.14
1650	1350	9.00	23.96	35.88	61.16	64.11
1800	1500	7.43	19.81	29.65	50.54	52.98
2100	1650	6.25	16.64	24.91	42.47	44.52
2100	1800	5.32	14.18	21.23	36.19	37.93
2400	1950	4.59	12.23	18.30	31.20	32.71
2400	2100	4.00	10.65	15.94	27.18	28.49
2700	2250	3.51	9.36	14.01	23.89	25.04
2700	2400	3.11	8.29	12.41	21.16	22.18
3000	2550	2.78	7.40	11.07	18.88	19.79
3000	2700	2.49	6.64	9.94	16.94	17.76
3300	2850	2.25	5.99	8.97	15.29	16.03
3300	3000	2.04	5.43	8.14	13.87	14.54
3600	3150	1.86	4.95	7.41	12.64	13.25
3600	3300	1.70	4.53	6.78	11.56	12.12
4200	3450	1.56	4.16	6.23	10.62	11.13
4200	3600	1.44	3.83	5.74	9.78	10.26
4200	3750	1.33	3.55	5.13	9.05	9.48
4200	3900	1.23	3.29	4.92	8.39	8.79

HSR21 215 x 140mm	Length (mm)	CODE
	900	HSR 21090
	1050	HSR 21105
	1200	HSR 21120
	1350	HSR 21135
	1500	HSR 21150
	1650	HSR 21165
	1800	HSR 21180
	2100	HSR 21210
	2400	HSR 21240
	2700	HSR 21270
	3000	HSR 21300
	3300	HSR 21330
	3600	HSR 21360
	4200	HSR 21420



HSR22 215 x 100mm	Length (mm)	CODE
	900	HSR 22090
	1050	HSR 22105
	1200	HSR 22120
	1350	HSR 22135
	1500	HSR 22150
	1650	HSR 22165
	1800	HSR 22180
	2100	HSR 22210
	2400	HSR 22240
	2700	HSR 22270
	3000	HSR 22300
	3300	HSR 22330
	3600	HSR 22360
	4200	HSR 22420



Please Note! Clear spans shown 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.