

ACP (Concrete) Ltd



Prestressed Concrete Lintels

Lintel Section H x W	Shear Resist. $V_{Rd,c}$	Bending Resist. M_{ed}
65 x 100	5.09	0.73
100 x 150	12.30	2.64
150 x 100	22.20	4.40
150x 140	30.00	7.30
215 x 100	38.00	12.00
215 x 140	47.80	14.80

150mm minimum end bearing should be provided to all lintels

Values in kg/m (unfactored loads)						
Clear span (mm)	PSL1 65 x 100	PSL2 150 x 100	PSL2a 150 x 100	PSL4 100 x 215	PSL5 140 x 215	PSL6 140 x 150
600	706	4023	2229	6886	8662	5436
900	360	2170	1302	4919	6187	3600
1050	276	1661	997	4304	5414	2756
1200	218	1313	788	3580	4415	2178
1350	176	1063	638	2900	3576	2900
1500	146	879	527	2396	2955	1458
1800	104	629	377	1716	2116	1044
2100	78	473	284	1289	1589	784
2400	61	368	221	1003	1237	610
2700	-	295	177	803	991	489
3000	-	241	145	657	811	400
3300	-	201	121	548	676	333
3600	-	-	102	464	572	282
Self weight (kg/m)	15.6	36	36	51.6	72.24	50.4

These lintels have been tested in accordance with BS EN 845-2 and BS EN 846-9-2000.

ACP(Concrete) Ltd, Risehow Industrial Estate, Flimby, Maryport, Cumbria, CA15 8PD

Tel 01900 814659

Fax 01900 816200

Web site www.acp-concrete.co.uk

Sales acp.sales@thomasarmstrong.co.uk

Members of the British Precast Concrete Federation and Precast Flooring Federation