

SAFE GRAVITY LOADS FOR 8" PRECAST W/ 2" RECESS DOOR U/LINTELS

SAFE LOAD - POUNDS PER LINEAR FOOT																
LENGTH	TYPE	8R6	8RF6-0B	8RF6-1B	8RF10-0B	8RF10-1B	8RF14-0B	8RF14-1B	8RF18-0B	8RF18-1B	8RF22-0B	8RF22-1B	8RF26-0B	8RF26-1B	8RF30-0B	8RF30-1B
4'-4" (52")	PRECAST	1635	1749	3085	3280	4349	5421	6493	7565	8637	9709	10781	11853	12925	13997	15069
4'-6" (54")	PRECAST	1494	1596	3063	2992	3959	4926	5893	6860	7827	8794	9761	10728	11695	12662	13629
5'-8" (68")	PRECAST	866	1167	2481	4567	6389	8060	9731	11402	13073	14744	16415	18086	19757	21428	23099
5'-10" (70")	PRECAST	810	859	1653	1600	2124	2648	3172	3696	4220	4744	5268	5792	6316	6840	7364
6'-8" (80")	PRECAST	797	901	1825	3120	5048	7747	10446	13145	15844	18543	21242	23941	26640	29339	32038
7'-6" (90")	PRECAST	669	755	1490	2459	3776	5743	7710	9677	11644	13611	15578	17545	19512	21479	23446
9'-8" (116")	PRECAST	411	466	999	1568	2253	3129	4091	5053	6015	6977	7939	8901	9863	10825	11787

NOTE: ALTERNATIVE LINTELS MUST MEET OR EXCEED THE REQUIREMENTS PRESENTED HEREIN. G.C. MUST SUBMIT MANUFACTURER DATA SUPPORTING SAFE LOADING

SAFE LATERAL LOADS FOR 8" PRECAST W/ 2" RECESS DOOR U/LINTELS

SAFE LOAD - POUNDS PER LINEAR FOOT					
LENGTH	TYPE	8R6	8RF6	REINF. CMU*	
4'-4" (52")	PRECAST	758	757	1365	
4'-6" (54")	PRECAST	694	693	1249	
5'-8" (68")	PRECAST	408	407	734	
5'-10" (70")	PRECAST	382	381	687	
6'-8" (80")	PRECAST	595	788	510	
7'-6" (90")	PRECAST	509	674	393	
9'-8" (116")	PRECAST	370	490	227	

NOTE: ALTERNATIVE LINTELS MUST MEET OR EXCEED THE REQUIREMENTS PRESENTED HEREIN. G.C. MUST SUBMIT MANUFACTURER DATA SUPPORTING SAFE LOADING

SAFE UPLIFT LOADS FOR 8" PRECAST W/ 2" RECESS DOOR U/LINTELS

SAFE LOAD - POUNDS PER LINEAR FOOT															
LENGTH	TYPE	8RF6-1T	8RF6-2T	8RF10-1T	8RF10-2T	8RF14-1T	8RF14-2T	8RF18-1T	8RF18-2T	8RF22-1T	8RF22-2T	8RF26-1T	8RF26-2T	8RF30-1T	8RF30-2T
4'-4" (52")	PRECAST	805	1748	2635	3522	4409	5296	6183	7070	7957	8844	9731	10618	11505	12392
4'-6" (54")	PRECAST	867	1675	2525	3374	4224	5074	5924	6774	7624	8474	9324	10174	11024	11874
5'-8" (68")	PRECAST	675	1301	1950	2618	3277	3935	4594	5253	5912	6571	7230	7889	8548	9207
5'-10" (70")	PRECAST	655	1262	1900	2538	3176	3815	4453	5092	5731	6370	7009	7648	8287	8926
6'-8" (80")	PRECAST	570	1012	1651	2204	2758	3312	3865	4419	4973	5527	6081	6635	7189	7743
7'-6" (90")	PRECAST	508	797	1462	1952	2442	2931	3421	3910	4400	4890	5380	5870	6360	6850
9'-8" (116")	PRECAST	395	491	931	1301	1640	1980	2322	2664	3006	3348	3690	4032	4374	4716

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SAFE GRAVITY LOADS FOR 8" PRECAST & PRESTRESSED U/LINTELS

SAFE LOAD - POUNDS PER LINEAR FOOT																
LENGTH	TYPE	8R6	8F8-0B	8F8-1B	8F12-0B	8F12-1B	8F16-0B	8F16-1B	8F20-0B	8F20-1B	8F24-0B	8F24-1B	8F28-0B	8F28-1B	8F32-0B	8F32-1B
2'-10" (34")	PRECAST	2231	3069	4905	6113	7547	8974	10394	11809	13224	14639	16054	17469	18884	20299	21714
3'-6" (42")	PRECAST	2231	3069	4905	6113	7547	8974	10394	11809	13224	14639	16054	17469	18884	20299	21714
4'-0" (48")	PRECAST	1968	2561	4271	5133	6207	7281	8355	9429	10503	11577	12651	13725	14799	15873	16947
4'-6" (54")	PRECAST	1599	1969	3110	3931	4752	5573	6394	7215	8036	8857	9678	10499	11320	12141	12962
5'-4" (64")	PRECAST	1217	1349	2138	2652	3166	3680	4194	4708	5222	5736	6250	6764	7278	7792	8306
5'-10" (70")	PRECAST	1062	1163	1912	2362	2812	3262	3712	4162	4612	5062	5512	5962	6412	6862	7312
6'-6" (78")	PRECAST	908	1238	2177	3480	5381	7282	9183	11084	12985	14886	16787	18688	20589	22490	24391
7'-6" (90")	PRECAST	743	1011	1729	2632	3535	4438	5341	6244	7147	8050	8953	9856	10759	11662	12565
9'-4" (112")	PRECAST	554	699	1160	1625	2090	2555	3020	3485	3950	4415	4880	5345	5810	6275	6740
10'-6" (126")	PRECAST	475	535	890	1247	1604	1961	2318	2675	3032	3389	3746	4103	4460	4817	5174
11'-4" (136")	PRECAST	382	482	845	1166	1487	1808	2129	2450	2771	3092	3413	3734	4055	4376	4697
12'-0" (144")	PRECAST	337	440	873	1254	1635	1916	2297	2678	3059	3440	3821	4202	4583	4964	5345
13'-4" (160")	PRECAST	286	471	755	1075	1429	1783	2137	2491	2845	3199	3553	3907	4261	4615	4969
14'-0" (168")	PRECAST	279	424	706	1002	1326	1650	1974	2298	2622	2946	3270	3594	3918	4242	4566
14'-6" (174")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
15'-4" (184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
17'-4" (208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
19'-4" (232")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
21'-4" (256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
22'-0" (264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NOTE: ALTERNATIVE LINTELS MUST MEET OR EXCEED THE REQUIREMENTS PRESENTED HEREIN. G.C. MUST SUBMIT MANUFACTURER DATA SUPPORTING SAFE LOADING

SAFE LATERAL LOADS FOR 8" PRECAST & PRESTRESSED U/LINTELS

SAFE LOAD - POUNDS PER LINEAR FOOT					
LENGTH	TYPE	8R6	8F8	REINF. CMU*	
2'-10" (34")	PRECAST	1293	1842	2135	
3'-6" (42")	PRECAST	1025	1024	1830	
4'-0" (48")	PRECAST	765	763	1385	
4'-6" (54")	PRECAST	592	591	1057	
5'-4" (64")	PRECAST	411	411	734	
5'-10" (70")	PRECAST	340	339	607	
6'-6" (78")	PRECAST	507	721	483	
7'-6" (90")	PRECAST	424	534	357	
9'-4" (112")	PRECAST	326	512	227	
10'-6" (126")	PRECAST	284	401	178	
11'-4" (136")	PRECAST	260	452	152	
12'-0" (144")	PRECAST	244	402	135	
13'-4" (160")	PRECAST	217	324	109	
14'-0" (168")	PRECAST	205	293	98	
14'-6" (174")	PRESTRESSED	N.R.	284	89	
15'-4" (184")	PRESTRESSED	N.R.	259	82	
17'-4" (208")	PRESTRESSED	N.R.	194	63	
19'-4" (232")	PRESTRESSED	N.R.	148	51	
21'-4" (256")	PRESTRESSED	N.R.	125	42	
22'-0" (264")	PRESTRESSED	N.R.	116	39	
24'-0" (288")	PRESTRESSED	N.R.	91	33	

NOTE: ALTERNATIVE LINTELS MUST MEET OR EXCEED THE REQUIREMENTS PRESENTED HEREIN. G.C. MUST SUBMIT MANUFACTURER DATA SUPPORTING SAFE LOADING

SAFE UPLIFT LOADS FOR 8" PRECAST & PRESTRESSED U/LINTELS

SAFE LOAD - POUNDS PER LINEAR FOOT															
LENGTH	TYPE	8F8-1T	8F8-2T	8F12-1T	8F12-2T	8F16-1T	8F16-2T	8F20-1T	8F20-2T	8F24-1T	8F24-2T	8F28-1T	8F28-2T	8F32-1T	8F32-2T
2'-10" (34")	PRECAST	1972	3173	4460	5747	7034	8321	9608	10895	12182	13469	14756	16043	17330	18617
3'-6" (42")	PRECAST	1569	2524	3547	4569	5591	6613	7635	8657	9679	10701	11723	12745	13767	14789
4'-0" (48")	PRECAST	1363	2192	3079	3966	4853	5740	6627	7514	8401	9288	10175	11062	11949	12836
4'-6" (54")	PRECAST	1207	1940	2724	3508	4292	5077	5861	6646	7430	8215	9000	9785	10570	11355
5'-4" (64")	PRECAST	1016	1632	2290	2949	3607	4265	4924	5582	6240	6898	7556	8214	8872	9530
5'-10" (70")	PRECAST	909	1492	2093	2694	3295	3897	4498	5099	5700	6301	6902	7503	8104	8705
6'-6" (78")	PRECAST	835	1340	1880	2419	2958	3498	4038	4578	5118	5658	6198	6738	7278	7818
7'-6" (90")	PRECAST	727	1166	1634	2102	2571	3039	3508	4038	4568	5098	5628	6158	6688	7218
9'-4" (112")	PRECAST	591	880	1133	1471	1811	2152	2494	2935	3376	3817	4258	4699	5140	5581
10'-6" (126")	PRECAST	530	686	1183	1526	1869	2212	2554	2997	3440	3883	4326	4769	5212	5655
11'-4" (136")	PRECAST	474	485	798	1034	1272	1510	1749	2088	2427	2766	3105	3444	3783	4122
12'-0" (144")	PRECAST	494	599	1028	1322	1616	1910	2204	2598	2992	3386	3780	4174	4568	4962
13'-4" (160")	PRECAST	418	441	723	936	1151	1366	1582	1797	2012	2227	2442	2657	2872	3087
14'-0" (168")	PRECAST	428	455	770	1145	1444	1718	1993	2268	2543	2818	3093	3368	3643	3918
14'-6" (174")	PRESTRESSED	239	323	519	671	823	976	1129	1282	1435	1				