

Seves 60F	Block Weight in kgs	8	Multi-layered laminated glass block sandwich construction FRL -/60/60
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190 X 190 X 160 GLASS BRICKS **ABSOLUTE BRILLIANCE GLASS BRICKS - CALL 1300 GLASS BRICKS** www.absolutebrilliance.com.au

PANEL WEIGHTS FOR 60F GLASS BRICKS IN MORTAR	Weights are approximate, measured in Kg, with 10mm thick mortar joints and have been rounded up for ease of reference	Blue figures are external frame dimensions, red figures are number of glass bricks wide and high, black figures are weights in Kgs	This data is offered as a convenient reference guide only, we accept no responsibility for the accuracy of these figures. Consult your structural engineer for accurate and reliable figures
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Frame Width	290	490	690	890	1090	1290	1490	1690	1890	2090	2290	2490	2690	2890	3090	3290	3490	3690	3890	4090	4290	4490	4690	4890	5090	5290	5490	5690	5890	6090	
Height	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
290	1	27	42	58	74	90	105	121	137	152	168	184	200	215	231	247	262	278	294	310	325	341	357	372	388	404	420	435	451	467	483
490	2	42	67	93	118	143	169	194	220	245	271	296	322	347	373	398	423	449	474	500	525	551	576	602	627	653	678	703	729	754	780
690	3	57	92	127	162	197	233	268	303	338	373	409	444	479	514	549	584	620	655	690	725	760	796	831	866	901	936	971	1007	1042	1077
890	4	72	117	162	207	251	296	341	386	431	476	521	566	611	656	701	745	790	835	880	925	970	1015	1060	1105	1150	1195	1240	1284	1329	1374
1090	5	87	142	196	251	305	360	415	469	524	579	633	688	743	797	852	907	961	1016	1070	1125	1180	1234	1289	1344	1398	1453	1508	1562	1617	1672
1290	6	102	166	231	295	359	424	488	553	617	681	746	810	874	939	1003	1068	1132	1196	1261	1325	1389	1454	1518	1583	1647	1711	1776	1840	1904	1969
1490	7	117	191	265	339	413	487	562	636	710	784	858	932	1006	1080	1154	1229	1303	1377	1451	1525	1599	1673	1747	1821	1895	1970	2044	2118	2192	2266
1690	8	132	216	300	384	467	551	635	719	803	887	970	1054	1138	1222	1306	1390	1473	1557	1641	1725	1809	1893	1976	2060	2144	2228	2312	2396	2479	2563
1890	9	147	241	334	428	521	615	708	802	896	989	1083	1176	1270	1363	1457	1551	1644	1738	1831	1925	2018	2112	2206	2299	2393	2486	2580	2673	2767	2860
2090	10	162	265	369	472	575	679	782	885	989	1092	1195	1298	1402	1505	1608	1712	1815	1918	2021	2125	2228	2331	2435	2538	2641	2745	2848	2951	3054	3158
2290	11	177	290	403	516	629	742	855	968	1081	1194	1307	1420	1534	1647	1760	1873	1986	2099	2212	2325	2438	2551	2664	2777	2890	3003	3116	3229	3342	3455
2490	12	192	315	438	561	683	806	929	1052	1174	1297	1420	1543	1665	1788	1911	2034	2156	2279	2402	2525	2647	2770	2893	3016	3138	3261	3384	3507	3629	3752
2690	13	207	340	472	605	737	870	1002	1135	1267	1400	1532	1665	1797	1930	2062	2195	2327	2460	2592	2725	2857	2990	3122	3255	3387	3519	3652	3784	3917	4049
2890	14	222	365	507	649	791	933	1076	1218	1360	1502	1645	1787	1929	2071	2213	2356	2498	2640	2782	2925	3067	3209	3351	3493	3636	3778	3920	4062	4204	4347
3090	15	237	389	541	693	845	997	1149	1301	1453	1605	1757	1909	2061	2213	2365	2517	2669	2821	2972	3124	3276	3428	3580	3732	3884	4036	4188	4340	4492	4644
3290	16	252	414	576	738	899	1061	1223	1384	1546	1708	1869	2031	2193	2354	2516	2678	2839	3001	3163	3324	3486	3648	3809	3971	4133	4294	4456	4618	4779	4941
3490	17	268	439	610	782	953	1125	1296	1467	1639	1810	1982	2153	2324	2496	2667	2839	3010	3181	3353	3524	3696	3867	4039	4210	4381	4553	4724	4896	5067	5238
3690	18	283	464	645	826	1007	1188	1369	1551	1732	1913	2094	2275	2456	2637	2819	3000	3181	3362	3543	3724	3905	4087	4268	4449	4630	4811	4992	5173	5355	5536
3890	19	298	489	679	870	1061	1252	1443	1634	1825	2015	2206	2397	2588	2779	2970	3161	3352	3542	3733	3924	4115	4306	4497	4688	4879	5069	5260	5451	5642	5833
4090	20	313	513	714	914	1115	1316	1516	1717	1918	2118	2319	2519	2720	2921	3121	3322	3522	3723	3924	4124	4325	4525	4726	4927	5127	5328	5528	5729	5930	6130
4290	21	328	538	748	959	1169	1379	1590	1800	2010	2221	2431	2641	2852	3062	3272	3483	3693	3903	4114	4324	4534	4745	4955	5165	5376	5586	5796	6007	6217	6427
4490	22	343	563	783	1003	1223	1443	1663	1883	2103	2323	2543	2763	2984	3204	3424	3644	3864	4084	4304	4524	4744	4964	5184	5404	5624	5844	6064	6284	6505	6725
4690	23	358	588	817	1047	1277	1507	1737	1966	2196	2426	2656	2886	3115	3345	3575	3805	4035	4264	4494	4724	4954	5184	5413	5643	5873	6103	6332	6562	6792	7022
4890	24	373	612	852	1091	1331	1571	1810	2050	2289	2529	2768	3008	3247	3487	3726	3966	4205	4445	4684	4924	5163	5403	5642	5882	6121	6361	6601	6840	7080	7319
5090	25	388	637	886	1136	1385	1634	1883	2133	2382	2631	2881	3130	3379	3628	3878	4127	4376	4625	4875	5124	5373	5622	5872	6121	6370	6619	6869	7118	7367	7616
5290	26	403	662	921	1180	1439	1698	1957	2216	2475	2734	2993	3252	3511	3770	4029	4288	4547	4806	5065	5324	5583	5842	6101	6360	6619	6878	7137	7396	7655	7914
5490	27	418	687	956	1224	1493	1762	2030	2299	2568	2837	3105	3374	3643	3911	4180	4449	4718	4986	5255	5524	5792	6061	6330	6599	6867	7136	7405	7673	7942	8211
5690	28	433	712	990	1268	1547	1825	2104	2382	2661	2939	3218	3496	3774	4053	4331	4610	4888	5167	5445	5724	6002	6281	6559	6837	7116	7394	7673	7951	8230	8508
5890	29	448	736	1025	1313	1601	1889	2177	2465	2754	3042	3330	3618	3906	4194	4483	4771	5059	5347	5635	5924	6212	6500	6788	7076	7364	7653	7941	8229	8517	8805
6090	30	463	761	1059	1357	1655	1953	2251	2549	2847	3144	3442	3740	4038	4336	4634	4932	5230	5528	5826	6123	6421	6719	7017	7315	7613	7911	8209	8507	8805	9103
6290	31	478	786	1094	1401	1709	2016	2324	2632	2939	3247	3555	3862	4170	4478	4785	5093	5401	5708	6016	6323	6631	6939	7246	7554	7862	8169	8477	8785	9092	9400
6490	32	493	811	1128	1445	1763	2080	2398	2715	3032	3350	3667	3984	4302	4619	4937	5254	5571	5889	6206	6523	6841	7158	7475	7793	8110	8428	8745	9062	9380	9697

There is a vertical and horizontal limit of 6 metres for glass bricks, for panels wider than this, you must separate with movement control joints or butt frames together. If butting frames, be sure to reference the weight as separate panels as there is a substantial weight difference with the mortar encased in the perimeter framing channel

There are further limits on the widths and heights of fire-rated panels, due to the extreme stresses encountered in a fire. Please check with us for maximum sizing once panels get over three metres in height, there is a sliding scale of width and height limits from that point.