

Various brands	Block Weight in kgs	3.8	standard hollow glass block construction Fire-rated and Non-fire-rated
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**240 X 240 X 80 GLASS BRICKS**      **ABSOLUTE BRILLIANCE GLASS BRICKS - CALL 1300 GLASS BRICKS**      **www.absolutebrilliance.com.au**

<b>PANEL WEIGHTS FOR HOLLOW GLASS BRICKS IN MORTAR</b>	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	340	590	840	1090	1340	1590	1840	2090	2340	2590	2840	3090	3340	3590	3840	4090	4340	4590	4840	5090	5340	5590	5840	6090	6340	6590	6840	7090	7340	7590	
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	
340	1	15	24	32	41	50	58	67	75	84	93	101	110	119	127	136	144	153	162	170	179	188	196	205	213	222	231	239	248	257	265
590	2	23	37	50	64	77	91	104	118	131	145	158	172	185	199	212	226	239	253	266	280	293	307	320	334	347	361	374	388	401	415
840	3	31	50	68	87	105	123	142	160	179	197	215	234	252	270	289	307	326	344	362	381	399	418	436	454	473	491	510	528	546	565
1090	4	40	63	86	109	133	156	179	203	226	249	272	296	319	342	365	389	412	435	458	482	505	528	552	575	598	621	645	668	691	714
1340	5	48	76	104	132	160	189	217	245	273	301	329	358	386	414	442	470	498	526	555	583	611	639	667	695	723	752	780	808	836	864
1590	6	56	89	122	155	188	221	254	287	320	353	386	419	452	485	519	552	585	618	651	684	717	750	783	816	849	882	915	948	981	1014
1840	7	64	102	140	178	216	254	292	330	368	405	443	481	519	557	595	633	671	709	747	785	823	860	898	936	974	1012	1050	1088	1126	1164
2090	8	72	115	158	201	244	286	329	372	415	458	500	543	586	629	672	714	757	800	843	886	928	971	1014	1057	1100	1142	1185	1228	1271	1314
2340	9	81	128	176	224	271	319	367	414	462	510	557	605	653	700	748	796	844	891	939	987	1034	1082	1130	1177	1225	1273	1320	1368	1416	1463
2590	10	89	141	194	247	299	352	404	457	509	562	614	667	720	772	825	877	930	982	1035	1088	1140	1193	1245	1298	1350	1403	1455	1508	1561	1613
2840	11	97	155	212	269	327	384	442	499	557	614	672	729	786	844	901	959	1016	1074	1131	1188	1246	1303	1361	1418	1476	1533	1591	1648	1705	1763
3090	12	105	168	230	292	355	417	479	542	604	666	729	791	853	916	978	1040	1102	1165	1227	1289	1352	1414	1476	1539	1601	1663	1726	1788	1850	1913
3340	13	114	181	248	315	382	450	517	584	651	718	786	853	920	987	1054	1122	1189	1256	1323	1390	1458	1525	1592	1659	1726	1794	1861	1928	1995	2062
3590	14	122	194	266	338	410	482	554	626	698	771	843	915	987	1059	1131	1203	1275	1347	1419	1491	1563	1636	1708	1780	1852	1924	1996	2068	2140	2212
3840	15	130	207	284	361	438	515	592	669	746	823	900	977	1054	1131	1207	1284	1361	1438	1515	1592	1669	1746	1823	1900	1977	2054	2131	2208	2285	2362
4090	16	138	220	302	384	466	547	629	711	793	875	957	1038	1120	1202	1284	1366	1448	1530	1611	1693	1775	1857	1939	2021	2103	2184	2266	2348	2430	2512
4340	17	146	233	320	407	493	580	667	753	840	927	1014	1100	1187	1274	1361	1447	1534	1621	1708	1794	1881	1968	2054	2141	2228	2315	2401	2488	2575	2662
4590	18	155	246	338	429	521	613	704	796	887	979	1071	1162	1254	1346	1437	1529	1620	1712	1804	1895	1987	2078	2170	2262	2353	2445	2536	2628	2720	2811
4840	19	163	259	356	452	549	645	742	838	935	1031	1128	1224	1321	1417	1514	1610	1707	1803	1900	1996	2093	2189	2286	2382	2479	2575	2672	2768	2865	2961
5090	20	171	272	374	475	576	678	779	881	982	1083	1185	1286	1387	1489	1590	1692	1793	1894	1996	2097	2199	2300	2401	2503	2604	2705	2807	2908	3010	3111
5340	21	179	285	392	498	604	710	817	923	1029	1136	1242	1348	1454	1561	1667	1773	1879	1986	2092	2198	2304	2411	2517	2623	2729	2836	2942	3048	3154	3261
5590	22	187	299	410	521	632	743	854	965	1077	1188	1299	1410	1521	1632	1743	1854	1966	2077	2188	2299	2410	2521	2632	2744	2855	2966	3077	3188	3299	3410
5840	23	196	312	428	544	660	776	892	1008	1124	1240	1356	1472	1588	1704	1820	1936	2052	2168	2284	2400	2516	2632	2748	2864	2980	3096	3212	3328	3444	3560
6090	24	204	325	446	567	687	808	929	1050	1171	1292	1413	1534	1655	1776	1896	2017	2138	2259	2380	2501	2622	2743	2864	2985	3105	3226	3347	3468	3589	3710
6340	25	212	338	464	589	715	841	967	1093	1218	1344	1470	1596	1721	1847	1973	2099	2225	2350	2476	2602	2728	2853	2979	3105	3231	3357	3482	3608	3734	3860
6590	26	220	351	482	612	743	874	1004	1135	1266	1396	1527	1658	1788	1919	2050	2180	2311	2442	2572	2703	2834	2964	3095	3226	3356	3487	3618	3748	3879	4010
6840	27	228	364	500	635	771	906	1042	1177	1313	1448	1584	1719	1855	1991	2126	2262	2397	2533	2668	2804	2939	3075	3210	3346	3482	3617	3753	3888	4024	4159
7090	28	237	377	518	658	798	939	1079	1220	1360	1501	1641	1781	1922	2062	2203	2343	2484	2624	2764	2905	3045	3186	3326	3467	3607	3747	3888	4028	4169	4309
7340	29	245	390	535	681	826	971	1117	1262	1407	1553	1698	1843	1989	2134	2279	2425	2570	2715	2860	3006	3151	3296	3442	3587	3732	3878	4023	4168	4314	4459
7590	30	253	403	553	704	854	1004	1154	1304	1455	1605	1755	1905	2055	2206	2356	2506	2656	2806	2957	3107	3257	3407	3557	3707	3858	4008	4158	4308	4458	4609
7840	31	261	416	571	727	882	1037	1192	1347	1502	1657	1812	1967	2122	2277	2432	2587	2742	2898	3053	3208	3363	3518	3673	3828	3983	4138	4293	4448	4603	4758
8090	32	269	429	589	749	909	1069	1229	1389	1549	1709	1869	2029	2189	2349	2509	2669	2829	2989	3149	3309	3469	3629	3789	3948	4108	4268	4428	4588	4748	4908

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 2600mm in height, there is a sliding scale of width and height limits from that point.