

Various brands Block Weight in kgs 2.2 standard hollow glass block construction Fire-rated and Non-fire-rated

240 X 115 X 80 GLASS BRICKS ABSOLUTE BRILLIANCE GLASS BRICKS - CALL 1300 GLASS BRICKS www.absolutebrilliance.com.au

PANEL WEIGHTS FOR HOLLOW 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

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	
215	1	11	18	25	32	38	45	52	59	66	72	79	86	93	99	106	113	120	126	133	140	147	153	160	167	174	180	187	194	201	207
340	2	16	26	36	45	55	65	75	85	94	104	114	124	133	143	153	163	172	182	192	202	211	221	231	241	251	260	270	280	290	299
465	3	21	34	46	59	72	85	97	110	123	136	149	161	174	187	200	212	225	238	251	264	276	289	302	315	327	340	353	366	379	391
590	4	25	41	57	73	89	104	120	136	152	168	183	199	215	231	247	262	278	294	310	325	341	357	373	389	404	420	436	452	468	483
715	5	30	49	68	87	105	124	143	162	181	199	218	237	256	275	293	312	331	350	369	387	406	425	444	463	481	500	519	538	557	575
840	6	35	57	78	100	122	144	166	188	209	231	253	275	297	318	340	362	384	406	427	449	471	493	515	536	558	580	602	624	646	667
965	7	40	64	89	114	139	164	188	213	238	263	288	313	337	362	387	412	437	461	486	511	536	561	586	610	635	660	685	710	735	759
1090	8	44	72	100	128	156	183	211	239	267	295	323	350	378	406	434	462	490	517	545	573	601	629	657	684	712	740	768	796	824	851
1215	9	49	80	111	141	172	203	234	265	296	326	357	388	419	450	481	512	542	573	604	635	666	697	727	758	789	820	851	882	913	943
1340	10	54	87	121	155	189	223	257	291	324	358	392	426	460	494	528	561	595	629	663	697	731	765	798	832	866	900	934	968	1002	1035
1465	11	58	95	132	169	206	243	279	316	353	390	427	464	501	537	574	611	648	685	722	759	796	832	869	906	943	980	1017	1054	1090	1127
1590	12	63	103	143	183	222	262	302	342	382	422	462	502	541	581	621	661	701	741	781	821	860	900	940	980	1020	1060	1100	1140	1179	1219
1715	13	68	110	153	196	239	282	325	368	411	454	496	539	582	625	668	711	754	797	840	882	925	968	1011	1054	1097	1140	1183	1226	1268	1311
1840	14	72	118	164	210	256	302	348	394	439	485	531	577	623	669	715	761	807	853	898	944	990	1036	1082	1128	1174	1220	1266	1312	1357	1403
1965	15	77	126	175	224	273	321	370	419	468	517	566	615	664	713	762	811	860	908	957	1006	1055	1104	1153	1202	1251	1300	1349	1398	1446	1495
2090	16	82	134	185	237	289	341	393	445	497	549	601	653	705	757	809	860	912	964	1016	1068	1120	1172	1224	1276	1328	1380	1432	1484	1535	1587
2215	17	86	141	196	251	306	361	416	471	526	581	636	691	745	800	855	910	965	1020	1075	1130	1185	1240	1295	1350	1405	1460	1515	1569	1624	1679
2340	18	91	149	207	265	323	381	439	497	555	612	670	728	786	844	902	960	1018	1076	1134	1192	1250	1308	1366	1424	1482	1540	1598	1655	1713	1771
2465	19	96	157	218	278	339	400	461	522	583	644	705	766	827	888	949	1010	1071	1132	1193	1254	1315	1376	1437	1498	1559	1620	1680	1741	1802	1863
2590	20	100	164	228	292	356	420	484	548	612	676	740	804	868	932	996	1060	1124	1188	1252	1316	1380	1444	1508	1572	1636	1699	1763	1827	1891	1955
2715	21	105	172	239	306	373	440	507	574	641	708	775	842	909	976	1043	1110	1177	1244	1311	1378	1445	1512	1579	1645	1712	1779	1846	1913	1980	2047
2840	22	110	180	250	320	390	460	530	600	670	740	810	880	950	1020	1090	1160	1229	1299	1369	1439	1509	1579	1649	1719	1789	1859	1929	1999	2069	2139
2965	23	114	187	260	333	406	479	552	625	698	771	844	917	990	1063	1136	1209	1282	1355	1428	1501	1574	1647	1720	1793	1866	1939	2012	2085	2158	2231
3090	24	119	195	271	347	423	499	575	651	727	803	879	955	1031	1107	1183	1259	1335	1411	1487	1563	1639	1715	1791	1867	1943	2019	2095	2171	2247	2323
3215	25	124	203	282	361	440	519	598	677	756	835	914	993	1072	1151	1230	1309	1388	1467	1546	1625	1704	1783	1862	1941	2020	2099	2178	2257	2336	2415
3340	26	128	210	292	374	456	539	621	703	785	867	949	1031	1113	1195	1277	1359	1441	1523	1605	1687	1769	1851	1933	2015	2097	2179	2261	2343	2425	2507
3465	27	133	218	303	388	473	558	643	728	813	898	983	1069	1154	1239	1324	1409	1494	1579	1664	1749	1834	1919	2004	2089	2174	2259	2344	2429	2514	2599
3590	28	138	226	314	402	490	578	666	754	842	930	1018	1106	1194	1282	1371	1459	1547	1635	1723	1811	1899	1987	2075	2163	2251	2339	2427	2515	2603	2691
3715	29	142	233	325	416	507	598	689	780	871	962	1053	1144	1235	1326	1417	1508	1599	1691	1782	1873	1964	2055	2146	2237	2328	2419	2510	2601	2692	2783
3840	30	147	241	335	429	523	617	712	806	900	994	1088	1182	1276	1370	1464	1558	1652	1746	1840	1935	2029	2123	2217	2311	2405	2499	2593	2687	2781	2875
3965	31	152	249	346	443	540	637	734	831	928	1026	1123	1220	1317	1414	1511	1608	1705	1802	1899	1996	2094	2191	2288	2385	2482	2579	2676	2773	2870	2967
4090	32	156	256	357	457	557	657	757	857	957	1057	1157	1258	1358	1458	1558	1658	1758	1858	1958	2058	2158	2259	2359	2459	2559	2659	2759	2859	2959	3059

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.