

**Various brands**      **Block Weight in kgs**      **2.4**      **standard hollow glass block construction Fire-rated and Non-fire-rated**

**190 X 190 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	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	
<b>Height</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	
<b>290</b>	1	12	18	24	31	37	43	50	56	62	68	75	81	87	93	100	106	112	118	125	131	137	143	150	156	162	168	175	181	187	194
<b>490</b>	2	18	27	37	46	56	66	75	85	94	104	113	123	132	142	151	161	170	180	189	199	208	218	227	237	247	256	266	275	285	294
<b>690</b>	3	24	37	49	62	75	88	101	113	126	139	152	165	177	190	203	216	228	241	254	267	280	292	305	318	331	344	356	369	382	395
<b>890</b>	4	30	46	62	78	94	110	126	142	158	174	190	206	222	238	255	271	287	303	319	335	351	367	383	399	415	431	447	463	479	495
<b>1090</b>	5	36	55	74	94	113	132	152	171	190	210	229	248	268	287	306	326	345	364	383	403	422	441	461	480	499	519	538	557	577	596
<b>1290</b>	6	42	64	87	109	132	155	177	200	222	245	267	290	313	335	358	380	403	426	448	471	493	516	539	561	584	606	629	651	674	697
<b>1490</b>	7	48	73	99	125	151	177	203	229	254	280	306	332	358	384	409	435	461	487	513	539	565	590	616	642	668	694	720	746	771	797
<b>1690</b>	8	53	83	112	141	170	199	228	257	286	316	345	374	403	432	461	490	519	548	578	607	636	665	694	723	752	781	811	840	869	898
<b>1890</b>	9	59	92	124	157	189	221	254	286	318	351	383	416	448	480	513	545	578	610	642	675	707	739	772	804	837	869	901	934	966	998
<b>2090</b>	10	65	101	137	172	208	244	279	315	351	386	422	457	493	529	564	600	636	671	707	743	778	814	850	885	921	957	992	1028	1063	1099
<b>2290</b>	11	71	110	149	188	227	266	305	344	383	421	460	499	538	577	616	655	694	733	772	811	850	888	927	966	1005	1044	1083	1122	1161	1200
<b>2490</b>	12	77	119	162	204	246	288	330	372	415	457	499	541	583	625	668	710	752	794	836	879	921	963	1005	1047	1089	1132	1174	1216	1258	1300
<b>2690</b>	13	83	129	174	219	265	310	356	401	447	492	538	583	628	674	719	765	810	856	901	947	992	1037	1083	1128	1174	1219	1265	1310	1356	1401
<b>2890</b>	14	89	138	186	235	284	333	381	430	479	527	576	625	674	722	771	820	868	917	966	1015	1063	1112	1161	1209	1258	1307	1355	1404	1453	1502
<b>3090</b>	15	95	147	199	251	303	355	407	459	511	563	615	667	719	771	823	875	927	979	1030	1082	1134	1186	1238	1290	1342	1394	1446	1498	1550	1602
<b>3290</b>	16	101	156	211	267	322	377	432	488	543	598	653	709	764	819	874	929	985	1040	1095	1150	1206	1261	1316	1371	1427	1482	1537	1592	1648	1703
<b>3490</b>	17	107	165	224	282	341	399	458	516	575	633	692	750	809	867	926	984	1043	1101	1160	1218	1277	1335	1394	1452	1511	1569	1628	1686	1745	1803
<b>3690</b>	18	113	175	236	298	360	422	483	545	607	669	730	792	854	916	978	1039	1101	1163	1225	1286	1348	1410	1472	1533	1595	1657	1719	1781	1842	1904
<b>3890</b>	19	119	184	249	314	379	444	509	574	639	704	769	834	899	964	1029	1094	1159	1224	1289	1354	1419	1484	1549	1614	1680	1745	1810	1875	1940	2005
<b>4090</b>	20	125	193	261	329	398	466	534	603	671	739	808	876	944	1013	1081	1149	1217	1286	1354	1422	1491	1559	1627	1696	1764	1832	1900	1969	2037	2105
<b>4290</b>	21	131	202	274	345	417	488	560	631	703	775	846	918	989	1061	1132	1204	1276	1347	1419	1490	1562	1633	1705	1777	1848	1920	1991	2063	2134	2206
<b>4490</b>	22	136	211	286	361	436	511	585	660	735	810	885	960	1034	1109	1184	1259	1334	1409	1483	1558	1633	1708	1783	1858	1932	2007	2082	2157	2232	2307
<b>4690</b>	23	142	220	299	377	455	533	611	689	767	845	923	1001	1080	1158	1236	1314	1392	1470	1548	1626	1704	1782	1861	1939	2017	2095	2173	2251	2329	2407
<b>4890</b>	24	148	230	311	392	474	555	636	718	799	881	962	1043	1125	1206	1287	1369	1450	1531	1613	1694	1776	1857	1938	2020	2101	2182	2264	2345	2426	2508
<b>5090</b>	25	154	239	323	408	493	577	662	747	831	916	1001	1085	1170	1254	1339	1424	1508	1593	1678	1762	1847	1931	2016	2101	2185	2270	2355	2439	2524	2608
<b>5290</b>	26	160	248	336	424	512	600	688	775	863	951	1039	1127	1215	1303	1391	1479	1566	1654	1742	1830	1918	2006	2094	2182	2270	2357	2445	2533	2621	2709
<b>5490</b>	27	166	257	348	440	531	622	713	804	895	987	1078	1169	1260	1351	1442	1533	1625	1716	1807	1898	1989	2080	2172	2263	2354	2445	2536	2627	2719	2810
<b>5690</b>	28	172	266	361	455	550	644	739	833	927	1022	1116	1211	1305	1400	1494	1588	1683	1777	1872	1966	2060	2155	2249	2344	2438	2533	2627	2721	2816	2910
<b>5890</b>	29	178	276	373	471	569	666	764	862	959	1057	1155	1253	1350	1448	1546	1643	1741	1839	1936	2034	2132	2229	2327	2425	2522	2620	2718	2816	2913	3011
<b>6090</b>	30	184	285	386	487	588	689	790	891	992	1092	1193	1294	1395	1496	1597	1698	1799	1900	2001	2102	2203	2304	2405	2506	2607	2708	2809	2910	3011	3112
<b>6290</b>	31	190	294	398	502	607	711	815	919	1024	1128	1232	1336	1440	1545	1649	1753	1857	1962	2066	2170	2274	2378	2483	2587	2691	2795	2899	3004	3108	3212
<b>6490</b>	32	196	303	411	518	626	733	841	948	1056	1163	1271	1378	1486	1593	1701	1808	1915	2023	2130	2238	2345	2453	2560	2668	2775	2883	2990	3098	3205	3313

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.