

Various brands      Block Weight in kgs      2.7      standard hollow glass block construction Fire-rated and Non-fire-rated

190 X 190 X 100 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	
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	15	22	30	37	45	52	60	67	75	82	90	97	105	112	120	127	135	142	150	158	165	173	180	188	195	203	210	218	225	233
490	2	22	33	44	56	67	78	89	101	112	123	135	146	157	169	180	191	203	214	225	236	248	259	270	282	293	304	316	327	338	350
690	3	29	44	59	74	89	104	119	134	149	165	180	195	210	225	240	255	270	285	300	315	331	346	361	376	391	406	421	436	451	466
890	4	36	55	74	92	111	130	149	168	187	206	225	243	262	281	300	319	338	357	376	394	413	432	451	470	489	508	526	545	564	583
1090	5	43	66	88	111	134	156	179	202	224	247	269	292	315	337	360	383	405	428	451	473	496	519	541	564	587	609	632	655	677	700
1290	6	50	77	103	129	156	182	209	235	262	288	314	341	367	394	420	447	473	499	526	552	579	605	632	658	684	711	737	764	790	817
1490	7	57	87	118	148	178	208	238	269	299	329	359	390	420	450	480	510	541	571	601	631	661	692	722	752	782	813	843	873	903	933
1690	8	64	98	132	166	200	234	268	302	336	370	404	438	472	506	540	574	608	642	676	710	744	778	812	846	880	914	948	982	1016	1050
1890	9	71	109	147	185	223	260	298	336	374	411	449	487	525	563	600	638	676	714	751	789	827	865	903	940	978	1016	1054	1091	1129	1167
2090	10	79	120	162	203	245	286	328	369	411	453	494	536	577	619	660	702	743	785	827	868	910	951	993	1034	1076	1118	1159	1201	1242	1284
2290	11	86	131	176	222	267	312	358	403	448	494	539	584	630	675	720	766	811	856	902	947	992	1038	1083	1128	1174	1219	1265	1310	1355	1401
2490	12	93	142	191	240	289	338	387	437	486	535	584	633	682	731	780	830	879	928	977	1026	1075	1124	1173	1223	1272	1321	1370	1419	1468	1517
2690	13	100	153	206	259	311	364	417	470	523	576	629	682	735	788	841	893	946	999	1052	1105	1158	1211	1264	1317	1370	1422	1475	1528	1581	1634
2890	14	107	164	220	277	334	390	447	504	560	617	674	731	787	844	901	957	1014	1071	1127	1184	1241	1297	1354	1411	1467	1524	1581	1637	1694	1751
3090	15	114	175	235	295	356	416	477	537	598	658	719	779	840	900	961	1021	1082	1142	1202	1263	1323	1384	1444	1505	1565	1626	1686	1747	1807	1868
3290	16	121	185	250	314	378	442	507	571	635	699	764	828	892	956	1021	1085	1149	1213	1278	1342	1406	1470	1535	1599	1663	1727	1792	1856	1920	1984
3490	17	128	196	264	332	400	468	536	605	673	741	809	877	945	1013	1081	1149	1217	1285	1353	1421	1489	1557	1625	1693	1761	1829	1897	1965	2033	2101
3690	18	135	207	279	351	423	494	566	638	710	782	854	925	997	1069	1141	1213	1284	1356	1428	1500	1572	1643	1715	1787	1859	1931	2003	2074	2146	2218
3890	19	143	218	294	369	445	520	596	672	747	823	898	974	1050	1125	1201	1276	1352	1428	1503	1579	1654	1730	1806	1881	1957	2032	2108	2184	2259	2335
4090	20	150	229	308	388	467	546	626	705	785	864	943	1023	1102	1182	1261	1340	1420	1499	1578	1658	1737	1817	1896	1975	2055	2134	2213	2293	2372	2452
4290	21	157	240	323	406	489	573	656	739	822	905	988	1071	1155	1238	1321	1404	1487	1570	1654	1737	1820	1903	1986	2069	2153	2236	2319	2402	2485	2568
4490	22	164	251	338	425	512	599	685	772	859	946	1033	1120	1207	1294	1381	1468	1555	1642	1729	1816	1903	1990	2077	2163	2250	2337	2424	2511	2598	2685
4690	23	171	262	352	443	534	625	715	806	897	987	1078	1169	1260	1350	1441	1532	1622	1713	1804	1895	1985	2076	2167	2258	2348	2439	2530	2620	2711	2802
4890	24	178	273	367	462	556	651	745	840	934	1029	1123	1218	1312	1407	1501	1596	1690	1785	1879	1974	2068	2163	2257	2352	2446	2541	2635	2730	2824	2919
5090	25	185	283	382	480	578	677	775	873	971	1070	1168	1266	1365	1463	1561	1659	1758	1856	1954	2053	2151	2249	2347	2446	2544	2642	2741	2839	2937	3035
5290	26	192	294	396	498	601	703	805	907	1009	1111	1213	1315	1417	1519	1621	1723	1825	1927	2029	2132	2234	2336	2438	2540	2642	2744	2846	2948	3050	3152
5490	27	199	305	411	517	623	729	834	940	1046	1152	1258	1364	1470	1575	1681	1787	1893	1999	2105	2210	2316	2422	2528	2634	2740	2846	2951	3057	3163	3269
5690	28	206	316	426	535	645	755	864	974	1084	1193	1303	1412	1522	1632	1741	1851	1961	2070	2180	2289	2399	2509	2618	2728	2838	2947	3057	3166	3276	3386
5890	29	214	327	440	554	667	781	894	1007	1121	1234	1348	1461	1575	1688	1801	1915	2028	2142	2255	2368	2482	2595	2709	2822	2935	3049	3162	3276	3389	3503
6090	30	221	338	455	572	689	807	924	1041	1158	1275	1393	1510	1627	1744	1861	1979	2096	2213	2330	2447	2565	2682	2799	2916	3033	3151	3268	3385	3502	3619
6290	31	228	349	470	591	712	833	954	1075	1196	1317	1438	1559	1680	1800	1921	2042	2163	2284	2405	2526	2647	2768	2889	3010	3131	3252	3373	3494	3615	3736
6490	32	235	360	484	609	734	859	983	1108	1233	1358	1482	1607	1732	1857	1982	2106	2231	2356	2481	2605	2730	2855	2980	3104	3229	3354	3479	3603	3728	3853

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.