

Various brands					Block Weight in kgs		6.9		standard hollow glass block construction Fire-rated and Non-fire-rated																												
300 X 300 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	400	710	1020	1330	1640	1950	2260	2570	2880	3190	3500	3810	4120	4430	4740	5050	5360	5670	5980	6290	6600	6910	7220	7530	7840	8150	8460	8770	9080	9390							
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							
400	1	23	38	52	66	81	95	109	124	138	153	167	181	196	210	225	239	253	268	282	296	311	325	340	354	368	383	397	411	426	440						
710	2	37	60	83	106	129	152	175	198	221	244	267	289	312	335	358	381	404	427	450	473	496	519	542	565	588	611	634	657	680	703						
1020	3	51	82	114	145	177	208	240	271	303	334	366	398	429	461	492	524	555	587	618	650	681	713	744	776	807	839	871	902	934	965						
1330	4	64	105	145	185	225	265	305	345	385	425	466	506	546	586	626	666	706	746	786	826	867	907	947	987	1027	1067	1107	1147	1187	1228						
1640	5	78	127	176	224	273	322	370	419	468	516	565	614	662	711	760	808	857	906	955	1003	1052	1101	1149	1198	1247	1295	1344	1393	1441	1490						
1950	6	92	149	206	264	321	378	435	493	550	607	665	722	779	836	894	951	1008	1065	1123	1180	1237	1294	1352	1409	1466	1523	1581	1638	1695	1752						
2260	7	106	171	237	303	369	435	501	566	632	698	764	830	896	962	1027	1093	1159	1225	1291	1357	1422	1488	1554	1620	1686	1752	1817	1883	1949	2015						
2570	8	119	194	268	343	417	491	566	640	715	789	864	938	1012	1087	1161	1236	1310	1384	1459	1533	1608	1682	1756	1831	1905	1980	2054	2129	2203	2277						
2880	9	133	216	299	382	465	548	631	714	797	880	963	1046	1129	1212	1295	1378	1461	1544	1627	1710	1793	1876	1959	2042	2125	2208	2291	2374	2457	2540						
3190	10	147	238	330	422	513	605	696	788	879	971	1063	1154	1246	1337	1429	1520	1612	1703	1795	1887	1978	2070	2161	2253	2344	2436	2528	2619	2711	2802						
3500	11	161	261	361	461	561	661	761	862	962	1062	1162	1262	1362	1462	1563	1663	1763	1863	1963	2063	2163	2264	2364	2464	2564	2664	2764	2864	2965	3065						
3810	12	174	283	392	500	609	718	827	935	1044	1153	1262	1370	1479	1588	1696	1805	1914	2023	2131	2240	2349	2457	2566	2675	2784	2892	3001	3110	3218	3327						
4120	13	188	305	423	540	657	775	892	1009	1126	1244	1361	1478	1596	1713	1830	1948	2065	2182	2299	2417	2534	2651	2769	2886	3003	3120	3238	3355	3472	3590						
4430	14	202	328	454	579	705	831	957	1083	1209	1335	1461	1586	1712	1838	1964	2090	2216	2342	2468	2593	2719	2845	2971	3097	3223	3349	3474	3600	3726	3852						
4740	15	216	350	484	619	753	888	1022	1157	1291	1426	1560	1694	1829	1963	2098	2232	2367	2501	2636	2770	2905	3039	3173	3308	3442	3577	3711	3846	3980	4115						
5050	16	229	372	515	658	801	944	1087	1230	1373	1516	1660	1803	1946	2089	2232	2375	2518	2661	2804	2947	3090	3233	3376	3519	3662	3805	3948	4091	4234	4377						
5360	17	243	395	546	698	849	1001	1153	1304	1456	1607	1759	1911	2062	2214	2365	2517	2669	2820	2972	3123	3275	3427	3578	3730	3881	4033	4185	4336	4488	4639						
5670	18	257	417	577	737	897	1058	1218	1378	1538	1698	1859	2019	2179	2339	2499	2659	2820	2980	3140	3300	3460	3620	3781	3941	4101	4261	4421	4582	4742	4902						
5980	19	270	439	608	777	945	1114	1283	1452	1620	1789	1958	2127	2296	2464	2633	2802	2971	3139	3308	3477	3646	3814	3983	4152	4321	4489	4658	4827	4996	5164						
6290	20	284	462	639	816	994	1171	1348	1526	1703	1880	2058	2235	2412	2590	2767	2944	3122	3299	3476	3654	3831	4008	4186	4363	4540	4718	4895	5072	5250	5427						
6600	21	298	484	670	856	1042	1227	1413	1599	1785	1971	2157	2343	2529	2715	2901	3087	3272	3458	3644	3830	4016	4202	4388	4574	4760	4946	5132	5317	5503	5689						
6910	22	312	506	701	895	1090	1284	1479	1673	1868	2062	2257	2451	2645	2840	3034	3229	3423	3618	3812	4007	4201	4396	4590	4785	4979	5174	5368	5563	5757	5952						
7220	23	325	528	732	935	1138	1341	1544	1747	1950	2153	2356	2559	2762	2965	3168	3371	3574	3777	3981	4184	4387	4590	4793	4996	5199	5402	5605	5808	6011	6214						
7530	24	339	551	762	974	1186	1397	1609	1821	2032	2244	2456	2667	2879	3090	3302	3514	3725	3937	4149	4360	4572	4784	4995	5207	5418	5630	5842	6053	6265	6477						
7840	25	353	573	793	1014	1234	1454	1674	1894	2115	2335	2555	2775	2995	3216	3436	3656	3876	4097	4317	4537	4757	4977	5198	5418	5638	5858	6078	6299	6519	6739						
8150	26	367	595	824	1053	1282	1511	1739	1968	2197	2426	2655	2883	3112	3341	3570	3798	4027	4256	4485	4714	4942	5171	5400	5629	5858	6086	6315	6544	6773	7002						
8460	27	380	618	855	1092	1330	1567	1805	2042	2279	2517	2754	2991	3229	3466	3703	3941	4178	4416	4653	4890	5128	5365	5602	5840	6077	6315	6552	6789	7027	7264						
8770	28	394	640	886	1132	1378	1624	1870	2116	2362	2608	2854	3099	3345	3591	3837	4083	4329	4575	4821	5067	5313	5559	5805	6051	6297	6543	6789	7035	7281	7526						
9080	29	408	662	917	1171	1426	1680	1935	2189	2444	2698	2953	3208	3462	3717	3971	4226	4480	4735	4989	5244	5498	5753	6007	6262	6516	6771	7025	7280	7534	7789						
9390	30	422	685	948	1211	1474	1737	2000	2263	2526	2789	3053	3316	3579	3842	4105	4368	4631	4894	5157	5420	5683	5947	6210	6473	6736	6999	7262	7525	7788	8051						
9700	31	435	707	979	1250	1522	1794	2065	2337	2609	2880	3152	3424	3695	3967	4239	4510	4782	5054	5325	5597	5869	6140	6412	6684	6955	7227	7499	7770	8042	8314						
10010	32	449	729	1010	1290	1570	1850	2131	2411	2691	2971	3252	3532	3812	4092	4373	4653	4933	5213	5494	5774	6054	6334	6615	6895	7175	7455	7736	8016	8296	8576						
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.																																					