

Various brands				Block Weight in kgs		1.5		standard hollow glass block construction Fire-rated and Non-fire-rated																							
190 X 90 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	
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	
190	1	10	15	20	25	30	35	40	46	51	56	61	66	71	76	82	87	92	97	102	107	112	118	123	128	133	138	143	148	154	159
290	2	13	20	28	35	42	49	57	64	71	79	86	93	101	108	115	122	130	137	144	152	159	166	173	181	188	195	203	210	217	225
390	3	16	26	35	45	54	64	73	83	92	101	111	120	130	139	149	158	168	177	186	196	205	215	224	234	243	253	262	271	281	290
490	4	20	32	43	55	66	78	90	101	113	124	136	147	159	171	182	194	205	217	229	240	252	263	275	287	298	310	321	333	345	356
590	5	23	37	51	65	78	92	106	120	133	147	161	175	188	202	216	230	243	257	271	285	298	312	326	339	353	367	381	394	408	422
690	6	27	43	59	75	90	106	122	138	154	170	186	202	218	233	249	265	281	297	313	329	345	361	376	392	408	424	440	456	472	488
790	7	30	48	66	85	103	121	139	157	175	193	211	229	247	265	283	301	319	337	355	373	391	409	427	445	463	481	499	517	535	554
890	8	34	54	74	94	115	135	155	175	195	216	236	256	276	296	316	337	357	377	397	417	438	458	478	498	518	539	559	579	599	619
990	9	37	60	82	104	127	149	171	194	216	238	261	283	305	328	350	372	395	417	439	462	484	506	529	551	573	596	618	640	663	685
1090	10	41	65	90	114	139	163	188	212	237	261	286	310	335	359	384	408	433	457	482	506	531	555	580	604	628	653	677	702	726	751
1190	11	44	71	98	124	151	177	204	231	257	284	311	337	364	391	417	444	470	497	524	550	577	604	630	657	684	710	737	763	790	817
1290	12	48	77	105	134	163	192	220	249	278	307	336	364	393	422	451	480	508	537	566	595	623	652	681	710	739	767	796	825	854	883
1390	13	51	82	113	144	175	206	237	268	299	330	361	392	422	453	484	515	546	577	608	639	670	701	732	763	794	825	856	886	917	948
1490	14	55	88	121	154	187	220	253	286	319	352	386	419	452	485	518	551	584	617	650	683	716	749	783	816	849	882	915	948	981	1014
1590	15	58	93	129	164	199	234	270	305	340	375	411	446	481	516	551	587	622	657	692	728	763	798	833	869	904	939	974	1009	1045	1080
1690	16	62	99	136	174	211	249	286	323	361	398	436	473	510	548	585	622	660	697	735	772	809	847	884	921	959	996	1034	1071	1108	1146
1790	17	65	105	144	184	223	263	302	342	381	421	460	500	540	579	619	658	698	737	777	816	856	895	935	974	1014	1053	1093	1132	1172	1212
1890	18	69	110	152	194	235	277	319	360	402	444	485	527	569	610	652	694	736	777	819	861	902	944	986	1027	1069	1111	1152	1194	1236	1277
1990	19	72	116	160	204	247	291	335	379	423	467	510	554	598	642	686	730	773	817	861	905	949	992	1036	1080	1124	1168	1212	1255	1299	1343
2090	20	76	122	168	214	260	306	351	397	443	489	535	581	627	673	719	765	811	857	903	949	995	1041	1087	1133	1179	1225	1271	1317	1363	1409
2190	21	79	127	175	223	272	320	368	416	464	512	560	608	657	705	753	801	849	897	945	993	1042	1090	1138	1186	1234	1282	1330	1378	1427	1475
2290	22	83	133	183	233	284	334	384	435	485	535	585	636	686	736	786	837	887	937	988	1038	1088	1138	1189	1239	1289	1339	1390	1440	1490	1541
2390	23	86	139	191	243	296	348	401	453	505	558	610	663	715	768	820	872	925	977	1030	1082	1135	1187	1239	1292	1344	1397	1449	1501	1554	1606
2490	24	90	144	199	253	308	362	417	472	526	581	635	690	744	799	854	908	963	1017	1072	1126	1181	1236	1290	1345	1399	1454	1508	1563	1618	1672
2590	25	93	150	206	263	320	377	433	490	547	604	660	717	774	830	887	944	1001	1057	1114	1171	1227	1284	1341	1398	1454	1511	1568	1624	1681	1738
2690	26	97	155	214	273	332	391	450	509	567	626	685	744	803	862	921	980	1038	1097	1156	1215	1274	1333	1392	1450	1509	1568	1627	1686	1745	1804
2790	27	100	161	222	283	344	405	466	527	588	649	710	771	832	893	954	1015	1076	1137	1198	1259	1320	1381	1442	1503	1564	1625	1686	1747	1808	1870
2890	28	103	167	230	293	356	419	482	546	609	672	735	798	861	925	988	1051	1114	1177	1240	1304	1367	1430	1493	1556	1619	1683	1746	1809	1872	1935
2990	29	107	172	238	303	368	434	499	564	629	695	760	825	891	956	1021	1087	1152	1217	1283	1348	1413	1479	1544	1609	1675	1740	1805	1870	1936	2001
3090	30	110	178	245	313	380	448	515	583	650	718	785	853	920	987	1055	1122	1190	1257	1325	1392	1460	1527	1595	1662	1730	1797	1865	1932	1999	2067
3190	31	114	184	253	323	392	462	532	601	671	740	810	880	949	1019	1089	1158	1228	1297	1367	1437	1506	1576	1645	1715	1785	1854	1924	1993	2063	2133
3290	32	117	189	261	333	404	476	548	620	692	763	835	907	979	1050	1122	1194	1266	1337	1409	1481	1553	1624	1696	1768	1840	1911	1983	2055	2127	2199
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.																															