

Various brands	Block Weight in kgs	1	standard hollow glass block construction Fire-rated and Non-fire-rated
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115 X 115 X 80 GLASS BRICKS	ABSOLUTE BRILLIANCE GLASS BRICKS - CALL 1300 GLASS BRICKS	www.absolutebrilliance.com.au
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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
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Frame Width	215	340	465	590	715	840	965	1090	1215	1340	1465	1590	1715	1840	1965	2090	2215	2340	2465	2590	2715	2840	2965	3090	3215	3340	3465	3590	3715	3840	
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	8	12	15	18	22	25	29	32	35	39	42	46	49	52	56	59	63	66	70	73	76	80	83	87	90	93	97	100	104	107
340	2	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86	91	96	100	105	110	115	120	125	130	135	140	145	150	155
465	3	15	21	28	34	41	47	53	60	66	73	79	86	92	99	105	112	118	125	131	138	144	151	157	164	170	177	183	190	196	203
590	4	18	26	34	42	50	58	66	74	82	90	98	106	114	122	130	138	146	154	162	170	178	186	195	203	211	219	227	235	243	251
715	5	21	31	40	50	59	69	78	88	98	107	117	126	136	145	155	165	174	184	193	203	212	222	232	241	251	260	270	279	289	299
840	6	24	35	46	57	69	80	91	102	113	124	135	146	158	169	180	191	202	213	224	235	246	258	269	280	291	302	313	324	335	347
965	7	27	40	53	65	78	91	103	116	129	141	154	167	179	192	205	217	230	243	255	268	281	293	306	318	331	344	356	369	382	394
1090	8	31	45	59	73	87	102	116	130	144	158	173	187	201	215	229	244	258	272	286	300	315	329	343	357	371	386	400	414	428	442
1215	9	34	50	65	81	97	112	128	144	160	175	191	207	223	238	254	270	286	301	317	333	349	364	380	396	412	427	443	459	474	490
1340	10	37	54	72	89	106	123	141	158	175	192	210	227	244	262	279	296	313	331	348	365	383	400	417	434	452	469	486	504	521	538
1465	11	40	59	78	97	115	134	153	172	191	210	228	247	266	285	304	322	341	360	379	398	417	435	454	473	492	511	530	548	567	586
1590	12	43	64	84	104	125	145	166	186	206	227	247	267	288	308	328	349	369	390	410	430	451	471	491	512	532	552	573	593	614	634
1715	13	47	68	90	112	134	156	178	200	222	244	266	288	309	331	353	375	397	419	441	463	485	507	528	550	572	594	616	638	660	682
1840	14	50	73	97	120	144	167	190	214	237	261	284	308	331	355	378	401	425	448	472	495	519	542	566	589	612	636	659	683	706	730
1965	15	53	78	103	128	153	178	203	228	253	278	303	328	353	378	403	428	453	478	503	528	553	578	603	628	653	678	703	728	753	778
2090	16	56	83	109	136	162	189	215	242	268	295	321	348	374	401	428	454	481	507	534	560	587	613	640	666	693	719	746	772	799	825
2215	17	59	87	116	144	172	200	228	256	284	312	340	368	396	424	452	480	508	537	565	593	621	649	677	705	733	761	789	817	845	873
2340	18	63	92	122	151	181	211	240	270	299	329	359	388	418	447	477	507	536	566	596	625	655	684	714	744	773	803	832	862	892	921
2465	19	66	97	128	159	190	222	253	284	315	346	377	408	440	471	502	533	564	595	626	658	689	720	751	782	813	844	876	907	938	969
2590	20	69	102	134	167	200	232	265	298	331	363	396	429	461	494	527	559	592	625	657	690	723	755	788	821	854	886	919	952	984	1017
2715	21	72	106	141	175	209	243	278	312	346	380	415	449	483	517	551	586	620	654	688	723	757	791	825	859	894	928	962	996	1031	1065
2840	22	75	111	147	183	219	254	290	326	362	397	433	469	505	540	576	612	648	684	719	755	791	827	862	898	934	970	1005	1041	1077	1113
2965	23	79	116	153	191	228	265	302	340	377	414	452	489	526	564	601	638	676	713	750	788	825	862	899	937	974	1011	1049	1086	1123	1161
3090	24	82	121	160	198	237	276	315	354	393	431	470	509	548	587	626	665	703	742	781	820	859	898	937	975	1014	1053	1092	1131	1170	1209
3215	25	85	125	166	206	247	287	327	368	408	449	489	529	570	610	651	691	731	772	812	852	893	933	974	1014	1054	1095	1135	1176	1216	1256
3340	26	88	130	172	214	256	298	340	382	424	466	508	550	591	633	675	717	759	801	843	885	927	969	1011	1053	1095	1137	1178	1220	1262	1304
3465	27	91	135	178	222	265	309	352	396	439	483	526	570	613	657	700	744	787	830	874	917	961	1004	1048	1091	1135	1178	1222	1265	1309	1352
3590	28	95	140	185	230	275	320	365	410	455	500	545	590	635	680	725	770	815	860	905	950	995	1040	1085	1130	1175	1220	1265	1310	1355	1400
3715	29	98	144	191	238	284	331	377	424	470	517	563	610	657	703	750	796	843	889	936	982	1029	1076	1122	1169	1215	1262	1308	1355	1401	1448
3840	30	101	149	197	245	293	342	390	438	486	534	582	630	678	726	774	823	871	919	967	1015	1063	1111	1159	1207	1255	1303	1352	1400	1448	1496
3965	31	104	154	204	253	303	352	402	452	501	551	601	650	700	750	799	849	898	948	998	1047	1097	1147	1196	1246	1296	1345	1395	1444	1494	1544
4090	32	107	159	210	261	312	363	415	466	517	568	619	670	722	773	824	875	926	977	1029	1080	1131	1182	1233	1285	1336	1387	1438	1489	1540	1592

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.