

Various brands Block Weight in kgs 1.5 standard hollow glass block construction

145 X 145 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	245	400	555	710	865	1020	1175	1330	1485	1640	1795	1950	2105	2260	2415	2570	2725	2880	3035	3190	3345	3500	3655	3810	3965	4120	4275	4430	4585	4740
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
245	10	14	19	23	28	32	37	41	46	50	55	59	64	68	72	77	81	86	90	95	99	104	108	113	117	122	126	131	135	140
400	14	20	27	34	40	47	54	60	67	74	80	87	94	100	107	114	120	127	134	140	147	154	160	167	174	180	187	194	200	207
555	18	27	36	45	53	62	71	80	89	98	106	115	124	133	142	151	159	168	177	186	195	204	212	221	230	239	248	257	265	274
710	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220	231	242	253	264	275	286	297	308	319	330	341
865	27	40	53	66	79	92	106	119	132	145	158	171	185	198	211	224	237	250	264	277	290	303	316	330	343	356	369	382	395	409
1020	31	46	61	77	92	107	123	138	154	169	184	200	215	230	246	261	276	292	307	322	338	353	368	384	399	414	430	445	460	476
1175	35	53	70	88	105	123	140	158	175	193	210	228	245	263	280	298	315	333	350	368	385	403	420	438	455	473	490	508	525	543
1330	39	59	79	98	118	138	157	177	197	216	236	256	275	295	315	335	354	374	394	413	433	453	472	492	512	531	551	571	590	610
1485	43	65	87	109	131	153	175	196	218	240	262	284	306	328	349	371	393	415	437	459	481	502	524	546	568	590	612	634	655	677
1640	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	744
1795	52	78	104	131	157	183	209	235	262	288	314	340	366	393	419	445	471	497	524	550	576	602	628	654	681	707	733	759	785	812
1950	56	85	113	141	170	198	226	255	283	311	340	368	397	425	453	482	510	538	567	595	624	652	680	709	737	765	794	822	850	879
2105	60	91	121	152	183	213	244	274	305	335	366	396	427	457	488	518	549	580	610	641	671	702	732	763	793	824	854	885	915	946
2260	65	97	130	163	195	228	261	294	326	359	392	424	457	490	523	555	588	621	653	686	719	752	784	817	850	882	915	948	981	1013
2415	69	104	139	174	208	243	278	313	348	383	418	453	487	522	557	592	627	662	697	732	766	801	836	871	906	941	976	1011	1046	1080
2570	73	110	147	184	221	258	295	332	370	407	444	481	518	555	592	629	666	703	740	777	814	851	888	925	962	999	1036	1073	1111	1148
2725	77	117	156	195	234	273	313	352	391	430	470	509	548	587	626	666	705	744	783	823	862	901	940	979	1019	1058	1097	1136	1176	1215
2880	82	123	164	206	247	289	330	371	413	454	495	537	578	620	661	702	744	785	827	868	909	951	992	1034	1075	1116	1158	1199	1241	1282
3035	86	129	173	216	260	304	347	391	434	478	521	565	609	652	696	739	783	826	870	914	957	1001	1044	1088	1131	1175	1218	1262	1306	1349
3190	90	136	182	227	273	319	364	410	456	502	547	593	639	685	730	776	822	868	913	959	1005	1050	1096	1142	1188	1233	1279	1325	1371	1416
3345	94	142	190	238	286	334	382	430	478	525	573	621	669	717	765	813	861	909	957	1004	1052	1100	1148	1196	1244	1292	1340	1388	1436	1483
3500	99	149	199	249	299	349	399	449	499	549	599	649	699	749	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1451	1501	1551
3655	103	155	207	259	312	364	416	468	521	573	625	677	730	782	834	886	939	991	1043	1095	1148	1200	1252	1304	1357	1409	1461	1513	1566	1618
3810	107	161	216	270	325	379	433	488	542	597	651	706	760	814	869	923	978	1032	1086	1141	1195	1250	1304	1359	1413	1467	1522	1576	1631	1685
3965	111	168	224	281	338	394	451	507	564	620	677	734	790	847	903	960	1017	1073	1130	1186	1243	1300	1356	1413	1469	1526	1582	1639	1696	1752
4120	115	174	233	292	350	409	468	527	586	644	703	762	821	879	938	997	1056	1114	1173	1232	1291	1349	1408	1467	1526	1584	1643	1702	1761	1819
4275	120	181	242	302	363	424	485	546	607	668	729	790	851	912	973	1034	1095	1155	1216	1277	1338	1399	1460	1521	1582	1643	1704	1765	1826	1887
4430	124	187	250	313	376	439	503	566	629	692	755	818	881	944	1007	1070	1133	1197	1260	1323	1386	1449	1512	1575	1638	1701	1764	1828	1891	1954
4585	128	193	259	324	389	454	520	585	650	716	781	846	911	977	1042	1107	1172	1238	1303	1368	1434	1499	1564	1629	1695	1760	1825	1890	1956	2021
4740	132	200	267	335	402	470	537	604	672	739	807	874	942	1009	1077	1144	1211	1279	1346	1414	1481	1549	1616	1683	1751	1818	1886	1953	2021	2088
4895	137	206	276	345	415	485	554	624	693	763	833	902	972	1042	1111	1181	1250	1320	1390	1459	1529	1598	1668	1738	1807	1877	1946	2016	2086	2155
5050	141	213	284	356	428	500	572	643	715	787	859	930	1002	1074	1146	1218	1289	1361	1433	1505	1576	1648	1720	1792	1864	1935	2007	2079	2151	2222

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.