

Seves 90F	Block Weight in kgs	8.3	Multi-layered laminated glass block sandwich construction FRL -/90/90
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190 X 190 X 160 GLASS BRICKS **ABSOLUTE BRILLIANCE GLASS BRICKS - CALL 1300 GLASS BRICKS** www.absolutebrilliance.com.au

PANEL WEIGHTS FOR 90F 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	27	43	59	75	91	107	123	139	155	171	187	203	219	235	251	267	283	299	315	331	347	363	379	395	411	427	443	460	476	492
490	2	42	68	94	120	146	173	199	225	251	277	303	329	355	381	407	433	459	485	511	537	563	589	615	641	668	694	720	746	772	798
690	3	58	94	130	166	202	238	274	310	346	382	418	455	491	527	563	599	635	671	707	743	779	815	851	888	924	960	996	1032	1068	1104
890	4	73	119	165	211	257	304	350	396	442	488	534	580	626	672	719	765	811	857	903	949	995	1041	1087	1134	1180	1226	1272	1318	1364	1410
1090	5	88	145	201	257	313	369	425	481	538	594	650	706	762	818	874	931	987	1043	1099	1155	1211	1267	1324	1380	1436	1492	1548	1604	1660	1717
1290	6	104	170	236	302	368	435	501	567	633	699	765	832	898	964	1030	1096	1162	1229	1295	1361	1427	1493	1560	1626	1692	1758	1824	1890	1957	2023
1490	7	119	195	271	348	424	500	576	653	729	805	881	957	1034	1110	1186	1262	1338	1415	1491	1567	1643	1719	1796	1872	1948	2024	2100	2177	2253	2329
1690	8	134	221	307	393	479	566	652	738	824	911	997	1083	1169	1255	1342	1428	1514	1600	1687	1773	1859	1945	2032	2118	2204	2290	2377	2463	2549	2635
1890	9	150	246	342	439	535	631	727	824	920	1016	1112	1209	1305	1401	1497	1594	1690	1786	1883	1979	2075	2171	2268	2364	2460	2556	2653	2749	2845	2941
2090	10	165	271	378	484	590	697	803	909	1016	1122	1228	1334	1441	1547	1653	1760	1866	1972	2078	2185	2291	2397	2504	2610	2716	2823	2929	3035	3141	3248
2290	11	180	297	413	529	646	762	878	995	1111	1227	1344	1460	1576	1693	1809	1925	2042	2158	2274	2391	2507	2623	2740	2856	2972	3089	3205	3321	3438	3554
2490	12	196	322	449	575	701	828	954	1080	1207	1333	1459	1586	1712	1838	1965	2091	2218	2344	2470	2597	2723	2849	2976	3102	3228	3355	3481	3607	3734	3860
2690	13	211	348	484	620	757	893	1030	1166	1302	1439	1575	1711	1848	1984	2121	2257	2393	2530	2666	2803	2939	3075	3212	3348	3485	3621	3757	3894	4030	4166
2890	14	227	373	519	666	812	959	1105	1251	1398	1544	1691	1837	1984	2130	2276	2423	2569	2716	2862	3009	3155	3301	3448	3594	3741	3887	4033	4180	4326	4473
3090	15	242	398	555	711	868	1024	1181	1337	1494	1650	1806	1963	2119	2276	2432	2589	2745	2902	3058	3214	3371	3527	3684	3840	3997	4153	4310	4466	4622	4779
3290	16	257	424	590	757	923	1090	1256	1423	1589	1756	1922	2089	2255	2421	2588	2754	2921	3087	3254	3420	3587	3753	3920	4086	4253	4419	4586	4752	4919	5085
3490	17	273	449	626	802	979	1155	1332	1508	1685	1861	2038	2214	2391	2567	2744	2920	3097	3273	3450	3626	3803	3979	4156	4332	4509	4685	4862	5038	5215	5391
3690	18	288	475	661	848	1034	1221	1407	1594	1780	1967	2153	2340	2526	2713	2900	3086	3273	3459	3646	3832	4019	4205	4392	4578	4765	4951	5138	5325	5511	5698
3890	19	303	500	696	893	1090	1286	1483	1679	1876	2072	2269	2466	2662	2859	3055	3252	3448	3645	3842	4038	4235	4431	4628	4824	5021	5218	5414	5611	5807	6004
4090	20	319	525	732	938	1145	1352	1558	1765	1972	2178	2385	2591	2798	3005	3211	3418	3624	3831	4038	4244	4451	4657	4864	5071	5277	5484	5690	5897	6104	6310
4290	21	334	551	767	984	1201	1417	1634	1850	2067	2284	2500	2717	2934	3150	3367	3584	3800	4017	4233	4450	4667	4883	5100	5317	5533	5750	5966	6183	6400	6616
4490	22	349	576	803	1029	1256	1483	1709	1936	2163	2389	2616	2843	3069	3296	3523	3749	3976	4203	4429	4656	4883	5109	5336	5563	5789	6016	6243	6469	6696	6923
4690	23	365	601	838	1075	1312	1548	1785	2022	2258	2495	2732	2968	3205	3442	3678	3915	4152	4389	4625	4862	5099	5335	5572	5809	6045	6282	6519	6755	6992	7229
4890	24	380	627	874	1120	1367	1614	1860	2107	2354	2601	2847	3094	3341	3588	3834	4081	4328	4574	4821	5068	5315	5561	5808	6055	6301	6548	6795	7042	7288	7535
5090	25	395	652	909	1166	1422	1679	1936	2193	2450	2706	2963	3220	3477	3733	3990	4247	4504	4760	5017	5274	5531	5787	6044	6301	6558	6814	7071	7328	7585	7841
5290	26	411	678	944	1211	1478	1745	2012	2278	2545	2812	3079	3345	3612	3879	4146	4413	4679	4946	5213	5480	5747	6013	6280	6547	6814	7080	7347	7614	7881	8148
5490	27	426	703	980	1257	1533	1810	2087	2364	2641	2918	3194	3471	3748	4025	4302	4578	4855	5132	5409	5686	5962	6239	6516	6793	7070	7347	7623	7900	8177	8454
5690	28	442	728	1015	1302	1589	1876	2163	2449	2736	3023	3310	3597	3884	4171	4457	4744	5031	5318	5605	5892	6178	6465	6752	7039	7326	7613	7900	8186	8473	8760
5890	29	457	754	1051	1348	1644	1941	2238	2535	2832	3129	3426	3723	4019	4316	4613	4910	5207	5504	5801	6098	6394	6691	6988	7285	7582	7879	8176	8473	8769	9066
6090	30	472	779	1086	1393	1700	2007	2314	2621	2928	3234	3541	3848	4155	4462	4769	5076	5383	5690	5997	6303	6610	6917	7224	7531	7838	8145	8452	8759	9066	9373
6290	31	488	805	1121	1438	1755	2072	2389	2706	3023	3340	3657	3974	4291	4608	4925	5242	5559	5876	6192	6509	6826	7143	7460	7777	8094	8411	8728	9045	9362	9679
6490	32	503	830	1157	1484	1811	2138	2465	2792	3119	3446	3773	4100	4427	4754	5081	5407	5734	6061	6388	6715	7042	7369	7696	8023	8350	8677	9004	9331	9658	9985

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.