

Fuchs Design 5 F120					Block Weight in kgs		7.4		Multi-layered laminated glass block sandwich construction FRL -/120/120																											
190 X 190 X 200 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 15mm 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	300	505	710	915	1120	1325	1530	1735	1940	2145	2350	2555	2760	2965	3170	3375	3580	3785	3990	4195	4400	4605	4810	5015	5220	5425	5630	5835	6040	6245						
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						
300	1	31	48	66	83	100	118	135	153	170	187	205	222	240	257	274	292	309	326	344	361	379	396	413	431	448	466	483	500	518	535					
505	2	47	75	102	129	157	184	211	238	266	293	320	348	375	402	429	457	484	511	538	566	593	620	648	675	702	729	757	784	811	839					
710	3	64	101	138	176	213	250	287	324	361	399	436	473	510	547	584	622	659	696	733	770	808	845	882	919	956	993	1031	1068	1105	1142					
915	4	81	128	175	222	269	316	363	410	457	504	551	598	645	692	740	787	834	881	928	975	1022	1069	1116	1163	1210	1257	1304	1352	1399	1446					
1120	5	97	154	211	268	325	382	439	496	553	610	667	724	781	838	895	952	1009	1066	1123	1180	1236	1293	1350	1407	1464	1521	1578	1635	1692	1749					
1325	6	114	181	247	314	381	448	515	582	649	715	782	849	916	983	1050	1117	1183	1250	1317	1384	1451	1518	1585	1652	1718	1785	1852	1919	1986	2053					
1530	7	130	207	284	360	437	514	591	668	744	821	898	975	1051	1128	1205	1282	1358	1435	1512	1589	1665	1742	1819	1896	1972	2049	2126	2203	2279	2356					
1735	8	147	233	320	407	493	580	667	753	840	927	1013	1100	1187	1273	1360	1447	1533	1620	1707	1793	1880	1967	2053	2140	2227	2313	2400	2486	2573	2660					
1940	9	163	260	356	453	550	646	743	839	936	1032	1129	1225	1322	1418	1515	1612	1708	1805	1901	1998	2094	2191	2287	2384	2481	2577	2674	2770	2867	2963					
2145	10	180	286	393	499	606	712	819	925	1031	1138	1244	1351	1457	1564	1670	1777	1883	1989	2096	2202	2309	2415	2522	2628	2735	2841	2948	3054	3160	3267					
2350	11	196	313	429	545	662	778	894	1011	1127	1244	1360	1476	1593	1709	1825	1942	2058	2174	2291	2407	2523	2640	2756	2872	2989	3105	3221	3338	3454	3570					
2555	12	213	339	465	592	718	844	970	1097	1223	1349	1475	1602	1728	1854	1980	2107	2233	2359	2485	2612	2738	2864	2990	3116	3243	3369	3495	3621	3748	3874					
2760	13	230	366	502	638	774	910	1046	1182	1319	1455	1591	1727	1863	1999	2135	2272	2408	2544	2680	2816	2952	3088	3225	3361	3497	3633	3769	3905	4041	4177					
2965	14	246	392	538	684	830	976	1122	1268	1414	1560	1706	1852	1998	2144	2291	2437	2583	2729	2875	3021	3167	3313	3459	3605	3751	3897	4043	4189	4335	4481					
3170	15	263	419	574	730	886	1042	1198	1354	1510	1666	1822	1978	2134	2290	2446	2602	2757	2913	3069	3225	3381	3537	3693	3849	4005	4161	4317	4473	4629	4785					
3375	16	279	445	611	777	942	1108	1274	1440	1606	1772	1937	2103	2269	2435	2601	2767	2932	3098	3264	3430	3596	3761	3927	4093	4259	4425	4591	4756	4922	5088					
3580	17	296	471	647	823	999	1174	1350	1526	1701	1877	2053	2229	2404	2580	2756	2932	3107	3283	3459	3634	3810	3986	4162	4337	4513	4689	4864	5040	5216	5392					
3785	18	312	498	684	869	1055	1240	1426	1612	1797	1983	2168	2354	2540	2725	2911	3097	3282	3468	3653	3839	4025	4210	4396	4581	4767	4953	5138	5324	5510	5695					
3990	19	329	524	720	915	1111	1306	1502	1697	1893	2088	2284	2479	2675	2870	3066	3262	3457	3653	3848	4044	4239	4435	4630	4826	5021	5217	5412	5608	5803	5999					
4195	20	345	551	756	962	1167	1372	1578	1783	1989	2194	2399	2605	2810	3016	3221	3427	3632	3837	4043	4248	4454	4659	4864	5070	5275	5481	5686	5891	6097	6302					
4400	21	362	577	793	1008	1223	1438	1654	1869	2084	2300	2515	2730	2946	3161	3376	3592	3807	4022	4237	4453	4668	4883	5099	5314	5529	5745	5960	6175	6390	6606					
4605	22	378	604	829	1054	1279	1504	1730	1955	2180	2405	2630	2856	3081	3306	3531	3756	3982	4207	4432	4657	4882	5108	5333	5558	5783	6008	6234	6459	6684	6909					
4810	23	395	630	865	1100	1335	1571	1806	2041	2276	2511	2746	2981	3216	3451	3686	3921	4157	4392	4627	4862	5097	5332	5567	5802	6037	6272	6508	6743	6978	7213					
5015	24	412	657	902	1147	1392	1637	1882	2127	2372	2617	2862	3107	3352	3596	3841	4086	4331	4576	4821	5066	5311	5556	5801	6046	6291	6536	6781	7026	7271	7516					
5220	25	428	683	938	1193	1448	1703	1957	2212	2467	2722	2977	3232	3487	3742	3997	4251	4506	4761	5016	5271	5526	5781	6036	6291	6545	6800	7055	7310	7565	7820					
5425	26	445	709	974	1239	1504	1769	2033	2298	2563	2828	3093	3357	3622	3887	4152	4416	4681	4946	5211	5476	5740	6005	6270	6535	6800	7064	7329	7594	7859	8123					
5630	27	461	736	1011	1285	1560	1835	2109	2384	2659	2933	3208	3483	3757	4032	4307	4581	4856	5131	5405	5680	5955	6230	6504	6779	7054	7328	7603	7878	8152	8427					
5835	28	478	762	1047	1332	1616	1901	2185	2470	2754	3039	3324	3608	3893	4177	4462	4746	5031	5316	5600	5885	6169	6454	6738	7023	7308	7592	7877	8161	8446	8731					
6040	29	494	789	1083	1378	1672	1967	2261	2556	2850	3145	3439	3734	4028	4322	4617	4911	5206	5500	5795	6089	6384	6678	6973	7267	7562	7856	8151	8445	8740	9034					
6245	30	511	815	1120	1424	1728	2033	2337	2641	2946	3250	3555	3859	4163	4468	4772	5076	5381	5685	5990	6294	6598	6903	7207	7511	7816	8120	8424	8729	9033	9338					
6450	31	527	842	1156	1470	1785	2099	2413	2727	3042	3356	3670	3984	4299	4613	4927	5241	5556	5870	6184	6498	6813	7127	7441	7756	8070	8384	8698	9013	9327	9641					
6655	32	544	868	1192	1516	1841	2165	2489	2813	3137	3461	3786	4110	4434	4758	5082	5406	5731	6055	6379	6703	7027	7351	7676	8000	8324	8648	8972	9296	9620	9945					
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.																																				