



# DESIGN & SPECIFICATION CONSIDERATIONS

## BRICKWORK DIMENSIONS TABLE - 228 x 68

Brickwork dimensions should be used whenever possible at the design stage to minimise the need for cut bricks. All brickwork dimensions are then determined by one of 3 conditions.

- 1. Brick + 2 joints      CO+      e.g. door and window openings
- 2. Brick + 1 joint      CO      brick panel with opposite return end
- 3. Brick only      CO-      brick piers or panels between openings

TABLE 1 - HORIZONTAL BRICKWORK DIMENSIONS - 228MM BRICKS

Number of Bricks	CO + Joint	CO (Co-ordinating Size)	CO - Joint	Number of Bricks	CO + Joint	CO (Co-ordinating Size)	CO - Joint	Number of Bricks	CO + Joint	CO (Co-ordinating Size)	CO - Joint	
	½	129	119	109								
1		248	238	228	17½	4175	4165	4155	34½	8221	8211	8201
	1½	367	357	347	18	4294	4284	4274	35½	8459	8449	8439
2		486	476	466	18½	4413	4403	4393	36	8578	8568	8558
	2½	605	595	585	19	4532	4522	4512	36½	8697	8687	8677
3		724	714	704	19½	4651	4641	4631	37	8816	8806	8796
	3½	843	833	823	20	4770	4760	4750	37½	8935	8925	8915
4		962	952	942	20½	4889	4879	4869	38	9054	9044	9034
	4½	1081	1071	1061	21	5008	4998	4988	38½	9173	9163	9153
5		1200	1190	1180	21½	5127	5117	5107	39	9292	9282	9272
	5½	1319	1309	1299	22	5246	5236	5226	39½	9411	9401	9391
6		1438	1428	1418	22½	5365	5355	5345	40	9530	9520	9510
	6½	1557	1547	1537	23	5484	5474	5464	40½	9649	9639	9629
7		1676	1666	1656	23½	5603	5593	5583	41	9768	9758	9748
	7½	1795	1785	1775	24	5722	5712	5702	41½	9887	9877	9867
8		1914	1904	1894	24½	5841	5831	5821	42	10006	9996	9986
	8½	2033	2023	2013	25	5960	5950	5940	42½	10125	10115	10105
9		2152	2142	2132	25½	6079	6069	6059	43	10244	10234	10224
	9½	2271	2261	2251	26	6198	6188	6178	43½	10363	10353	10343
10		2390	2380	2370	26½	6317	6307	6297	44	10482	10472	10462
	10½	2509	2499	2489	27	6436	6426	6416	44½	10601	10591	10581
11		2628	2618	2608	27½	6555	6545	6535	45	10720	10710	10700
	11½	2747	2737	2727	28	6674	6664	6654	45½	10839	10829	10819
12		2866	2856	2846	28½	6793	6783	6773	46	10958	10948	10938
	12½	2985	2975	2965	29	6912	6902	6892	46½	11077	11067	11057
13		3104	3094	3084	29½	7031	7021	7011	47	11196	11186	11176
	13½	3223	3213	3203	30	7150	7140	7130	47½	11315	11305	11295
14		3342	3332	3322	30½	7269	7259	7249	48	11434	11424	11414
	14½	3461	3451	3441	31	7388	7378	7368	48½	11553	11543	11533
15		3580	3570	3560	31½	7507	7497	7487	49	11672	11662	11652
	15½	3699	3689	3679	32	7626	7616	7606	49½	11791	11781	11771
16		3818	3808	3798	32½	7745	7735	7725	50	11910	11900	11890
	16½	3937	3927	3917	33	7864	7854	7844				
17		4056	4046	4036	33½	7983	7973	7963				
					34	8102	8092	8082				



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# BRICKWORK DIMENSIONS TABLE – STANDARD BRICK

**TABLE 2 - VERTICAL BRICKWORK COURSES DIMENSIONS TABLE**

using **68mm** bricks and 10mm mortar joints

Course & Joint		Course & Joint		Course & Joint	
1	78	18	1404	35	2730
2	156	19	1482	36	2808
3	234	20	1560	37	2886
4	312	21	1638	38	2964
5	390	22	1716	39	3042
6	468	23	1794	40	3120
7	546	24	1872	41	3198
8	624	25	1950	42	3276
9	702	26	2028	43	3354
10	780	27	2106	44	3432
11	858	28	2184	45	3510
12	936	29	2262	46	3588
13	1014	30	2340	47	3666
14	1092	31	2418	48	3744
15	1170	32	2496	49	3822
16	1248	33	2574	50	3900
17	1326	34	2652		

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