

# Weights of Celcon blocks / blockwork

## 140mm high PLUS format blocks (610mm long x 140mm high; 10.75 blocks / m<sup>2</sup> laid) 10mm mortar joints



*Not all thicknesses shown below are available in each block range - please call 01732 886444 to confirm*

Thickness (mm)										
190	200	215	225	230	240	255	265	275	300	355

No. of blocks per ClamPak										
42	42	35	35	35	35	28	28	28	28	21

Weight per ClamPak (kg)										
341	359	321	336	344	359	305	317	329	359	318
396	417	373	391	399	417	354	368	382	417	370
519	546	489	512	523	546	464	482	500	546	484
603	635	569	595	608	635	540	561	582	635	563

Super Solar
Solar
Standard
Hi-Seven/Hi-Ter <sup>e</sup>

No. of blocks per 1000kg										
123	117	109	104	102	98	92	88	85	78	66
106	101	94	90	88	84	79	76	73	67	57
81	77	72	68	67	64	60	58	56	51	43
70	66	62	59	58	55	52	50	48	44	37

Super Solar
Solar
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Block handling weights* (kg)										
8.1	8.5	9.2	9.6	9.8	10.2	10.9	11.3	11.7	12.8	15.2
9.4	9.9	10.7	11.2	11.4	11.9	12.7	13.1	13.6	14.9	17.6
12.3	13.0	14.0	14.6	14.9	15.6	16.6	17.2	17.9	19.5	23.1
14.4	15.1	16.2	17.0	17.4	18.1	19.3	20.0	20.8	22.7	26.8

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*\*at typical moisture content when laid. Some manufacturers may quote weights which do not include this allowance*

Blocks over the 20kg CONIAC recommendation for repetitive manual handling should be two-person or mechanically handled.

Laid weight of blocks above dpc, including 10mm mortar joints, excluding finishes (kg/m <sup>2</sup> )										
105	111	119	125	128	133	142	147	153	166	197
113	119	127	133	136	142	151	157	163	178	210
138	145	156	163	167	174	185	192	199	218	257
165	173	186	195	199	208	221	230	238	260	308

Super Solar
Solar
Standard
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For NORMAL format blocks (440mm long x 215mm high) see TSD/43-1

For JUMBOPLUS format blocks (610mm long x 270mm high) see TSD/43-3

For ThinJoint blockwork see TSD/63

For Floorblocks see TSD/43-5

## TSD/43-4

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