

Weights of Celcon blocks / blockwork

TSD 43



Celcon blocks (440mm long)

Handling weights (kg) - at typical moisture content when laid. Some manufacturers may quote lower weights which do not include this allowance

	215mm high x thickness below							
	75	100	140	150	215	275	300	355
Solar		5	8	8	12			
Standard	5	7	10	11	16	20	22	26
High & Super Strength		10	14	15	21	27	29	35

Laid weights, (kg/m²) - 10mm traditional mortar joints

Solar		57	80	85	122			
Standard	53	70	98	106	151	193	211	250
High & Super Strength		83	116	124	178	228	249	294

Plus blocks and Jumbo Bloks (630mm long)

Handling weights (kg) - at typical moisture content when laid. Some manufacturers may quote lower weights which do not include this allowance

	140mm high x		Plus Blocks					Jumbo Bloks	
			215mm high x					250mm high x	
	215	300	100	140	150	200	215	100	140
Solar			8	11	12	16	17	9	13
Standard	14	20	10	14	15	20		12	17
High & Super Strength	17	23	12	17	18	24		14	20

Laid weights, (kg/m²) - 10mm traditional mortar joints

Solar			56	78	84	112	120	55	77
Standard	156	209	70	97	104	139		69	96
High & Super Strength	182	246	82	115	123	164		81	114

Laid weights, (kg/m²) - 2mm Celfix thin layer joints

Solar			49	69	74		106	49	69
Standard	138	191	64	89	95	127		63	89
High & Super Strength	166	230	77	107	115			77	107

Foundation

Handling weights (kg) - at typical moisture content when laid. Some manufacturers may quote lower weights which do not include this allowance

	215mm high x 440mm long x			215mm high x 325mm long x	215mm high x 300mm long x
	275	300	355	300mm	325mm
Standard	20	22	26	16	
High & Super Strength	27	29	35	19	

Laid weights, (kg/m²) - 10mm traditional mortar joints

Standard	193	211	250	214	233
High & Super Strength	228	249	294	251	273

Coursing

Handling weights (kg) - at typical moisture content when laid. Some manufacturers may quote lower weights which do not include this allowance

	65mm high x 215mm long x		
	100	140	150
Standard	1.1	1.5	1.6
High & Super Strength	1.4	2.0	2.2

Notes: Although no specific weight limits are given in legislation, the now withdrawn CONIAC Construction Sheet 37 concluded that there is a high risk of injury to individuals repetitively manually handling blocks in excess of 20kg. Handling of blocks should be subject to a risk assessment and a safe system of work established following the guidance of HSE Construction Information Sheet CIS77 'Preventing injury from handling heavy blocks'.

Not all sizes shown are available from stock. Consult H+H Sales Office on 01732 886444 for latest information on availability.