
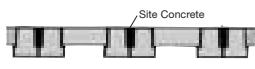
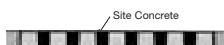




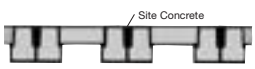
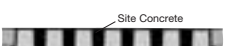


Load Span Table and Guidance notes

Load / Span Charts for 155mm deep beams at varying centres								
With 100mm thick Walling Blocks (Max Density = 1400 kg/m ³)								
	Weight of Beam + Block + Grout (kN/m ²)	SIL (Super imposed Load) (kN/m ²)						Pattern 5 x 5mm Wire
		1.5	2.0	2.5	3.0	4.0	5.0	
		Effective Length (m)						
Condition No. A Beams at 520c/c	1.83	4.51	4.28	4.08	3.91	3.47	3.02	440 x 215 x 100 Blocks 
Condition No. B Beams at 295c/c	2.18	5.74	5.50	5.26	5.05	4.69	4.40	440 x 215 x 
Condition No. C Beams at 520 & 295c/c* (equiv. to 408c/c)	1.95	5.02	4.77	4.56	4.37	4.05	3.80	440 x 215 x 100 Blocks 
Condition No. D Double Beams at 648c/c (equiv. to 324c/c)	2.18	5.51	5.25	5.02	4.82	4.48	4.20	440 x 215 x 100 Blocks 
Condition No. E Double Beams at 422c/c (equiv. to 211c/c)	2.61	6.19	6.03	5.88	5.75	5.39	5.08	440 x 215 x 100 Blocks 
Condition No. F Beams at 127c/c	3.60	6.80	6.66	6.53	6.41	6.20	6.00	

Note:

1. Load span tables based upon finishes of 1.2 kN/m² (50mm screed) 2. No allowance made for partitions.

Load / Span Charts for 225mm deep beams at varying centres								
With 100mm thick Walling Blocks (Max Density = 1400 kg/m ³)								
	Weight of Beam + Block + Grout (kN/m ²)	SIL (Super imposed Load) (kN/m ²)						Pattern 1 x 5mm Wire 2 x 9.3/9.0mm Strand
		1.5	2.0	2.5	3.0	4.0	5.0	
		Effective Length (m)						
Condition No. 1 Beams at 540 crs	2.34	6.66	6.35	6.08	5.84	5.44	5.12	440 x 215 x 100 Blocks 
Condition No. 2 Beams at 315crs	3.04	7.95	7.75	7.54	7.28	6.82	6.44	440 x 215 x 
Condition No. 3 Beams at 540 & 315c/c* (equiv. to 428c/c)	2.60	7.30	6.98	6.69	6.44	6.02	5.66	440 x 215 x 100 Blocks 
Condition No. 4 Double Beams at 692c/c (equiv. to 346c/c)	2.96	7.76	7.52	7.24	6.98	6.54	6.17	440 x 215 x 100 Blocks 
Condition No. 5 Double Beams at 468c/c (equiv. to 234c/c)	3.73	8.00	8.00	8.00	7.89	7.61	7.22	440 x 215 x 100 Blocks 
Condition No. 6 Beams at 152c/c	5.16	8.00	8.00	8.00	8.00	8.00	8.00	

Note: The above table is provided as a guide only. Please consult ReadyFloor® calculation sheets for further information or contact CEMEX Floors for additional technical data and advice where required.