

Table C3-1 (Continued)

Component	Load (kN/m ²)				
Wood studs, 51 × 102, unplastered	0.19				
Wood studs, 51 × 102, plastered one side	0.57				
Wood studs, 51 × 102, plastered two sides	0.96				
FRAME WALLS					
Exterior stud walls:					
51 mm × 102 mm @ 406 mm, 16-mm gypsum, insulated, 10-mm siding	0.53				
51 mm × 152 mm @ 406 mm, 16-mm gypsum, insulated, 10-mm siding	0.57				
Exterior stud walls with brick veneer	2.30				
Windows, glass, frame, and sash	0.38				
Clay brick wythes:					
102 mm	1.87				
203 mm	3.78				
305 mm	5.51				
406 mm	7.42				
Hollow concrete masonry unit wythes:					
Wythe thickness (in mm)	102	152	203	254	305
Density of unit (16.49 kN/m ³)					
No grout	1.05	1.29	1.68	2.01	2.35
1,219 mm		1.48	1.92	2.35	2.78
1,016 mm grout		1.58	2.06	2.54	3.02
813 mm spacing		1.63	2.15	2.68	3.16
610 mm		1.77	2.35	2.92	3.45
406 mm		2.01	2.68	3.35	4.02
Full grout		2.73	3.69	4.69	5.70
Density of unit (19.64 kN/m ³)					
No grout	1.25	1.34	1.72	2.11	2.39
1,219 mm		1.58	2.11	2.59	2.97
1,016 mm grout		1.63	2.15	2.68	3.11
813 mm spacing		1.72	2.25	2.78	3.26
610 mm		1.87	2.44	3.02	3.59
406 mm		2.11	2.78	3.50	4.17
Full grout		2.82	3.88	4.88	5.89
Density of unit (21.21 kN/m ³)					
No grout	1.39	1.68	2.15	2.59	3.02
1,219 mm		1.58	2.39	2.92	3.45
1,016 mm grout		1.72	2.54	3.11	3.69
813 mm spacing		1.82	2.63	3.26	3.83
610 mm		1.96	2.82	3.50	4.12
406 mm		2.25	3.16	3.93	4.69
Full grout		3.06	4.17	5.27	6.37
Solid concrete masonry unit					
Wythe thickness (in mm)	102	152	203	254	305
Density of unit (16.49 kN/m ³)	1.53	2.35	3.21	4.02	4.88
Density of unit (19.64 kN/m ³)	1.82	2.82	3.78	4.79	5.79
Density of unit (21.21 kN/m ³)	1.96	3.02	4.12	5.17	6.27

^aWeights of masonry include mortar but not plaster. For plaster, add 0.24 kN/m² for each face plastered. Values given represent averages. In some cases there is a considerable range of weight for the same construction.