

Table C3-1 (Continued)

Component	Load (kN/m <sup>2</sup> )		
Gypsum sheathing, 13 mm	0.10		
Insulation, roof boards (per mm thickness)			
Cellular glass	0.0013		
Fibrous glass	0.0021		
Fiberboard	0.0028		
Perlite	0.0015		
Polystyrene foam	0.0004		
Urethane foam with skin	0.0009		
Plywood (per mm thickness)	0.006		
Rigid insulation, 13 mm	0.04		
Skylight, metal frame, 10-mm wire glass	0.38		
Slate, 5 mm	0.34		
Slate, 6 mm	0.48		
Waterproofing membranes:			
Bituminous, gravel-covered	0.26		
Bituminous, smooth surface	0.07		
Liquid applied	0.05		
Single-ply, sheet	0.03		
Wood sheathing (per mm thickness)			
Plywood	0.0057		
Oriented strand board	0.0062		
Wood shingles	0.14		
<b>FLOOR FILL</b>			
Cinder concrete, per mm	0.017		
Lightweight concrete, per mm	0.015		
Sand, per mm	0.015		
Stone concrete, per mm	0.023		
<b>FLOORS AND FLOOR FINISHES</b>			
Asphalt block (51 mm), 13-mm mortar	1.44		
Cement finish (25 mm) on stone-concrete fill	1.53		
Ceramic or quarry tile (19 mm) on 13-mm mortar bed	0.77		
Ceramic or quarry tile (19 mm) on 25-mm mortar bed	1.10		
Concrete fill finish (per mm thickness)	0.023		
Hardwood flooring, 22 mm	0.19		
Linoleum or asphalt tile, 6 mm	0.05		
Marble and mortar on stone-concrete fill	1.58		
Slate (per mm thickness)	0.028		
Solid flat tile on 25-mm mortar base	1.10		
Subflooring, 19 mm	0.14		
Terrazzo (38 mm) directly on slab	0.91		
Terrazzo (25 mm) on stone-concrete fill	1.53		
Terrazzo (25 mm), 51-mm stone concrete	1.53		
Wood block (76 mm) on mastic, no fill	0.48		
Wood block (76 mm) on 13-mm mortar base	0.77		
<b>FLOORS, WOOD-JOIST (NO PLASTER)</b>			
<b>DOUBLE WOOD FLOOR</b>			
Joist sizes (mm):	305-mm spacing (kN/m <sup>2</sup> )	406-mm spacing (kN/m <sup>2</sup> )	610-mm spacing (kN/m <sup>2</sup> )
51 × 152	0.29	0.24	0.24
51 × 203	0.29	0.29	0.24
51 × 254	0.34	0.29	0.29
51 × 305	0.38	0.34	0.29
<b>FRAME PARTITIONS</b>			
Movable steel partitions			0.19
Wood or steel studs, 13-mm gypsum board each side			0.38