

Table C3-1 (Continued)

Component				Load (psf)
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
FLOOR FILL				
Cinder concrete, per mm				0.017
Lightweight concrete, per mm				0.015
Sand, per mm				0.015
Stone concrete, per mm				0.023
FLOORS AND FLOOR FINISHES				
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
FLOORS, WOOD-JOIST (NO PLASTER)				
DOUBLE WOOD FLOOR				
Joist sizes (mm):	305-mm spacing (kN/m ²)	406-mm spacing (kN/m ²)	610-mm spacing (kN/m ²)	
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	
FRAME PARTITIONS				
Movable steel partitions				0.19
Wood or steel studs, 13-mm gypsum board each side				0.38