

Table 3.3 Barrier imposed loads

Type of occupancy for part of the building or structure	Specific uses	Top Edge and Rail			Infill	
		Horizontal kN/m	Vertical kN/m	Inwards, outwards or downwards kN	Horizontal kPa	Any direction (see Note 2) kN
A Domestic and residential activities	All areas within or serving exclusively one dwelling including stairs, landings etc. but excluding external balconies and edges of roofs (see C3)	0.35	0.35	0.6	0.5	0.25
	Other residential (see also C)	0.75	0.75	0.6	1.0	0.5
B,E Offices and work areas not included elsewhere including storage areas	Light access stairs and gangways not more than 600mm wide	0.22	0.22	0.6	N/A	N/A
	Fixed platforms, walkways, stairways and ladders for access (see Note 1)	0.35	0.35	0.6	N/A	N/A
	Areas not susceptible to overcrowding in office and institutional buildings also industrial and storage buildings	0.75	0.75	0.6	1.0	0.5
C Areas where people may congregate						
C1/C2	Areas with tables or fixed seating	1.5	0.75	0.6	1.5	1.5
C3	Areas without obstacles for moving people and not susceptible to over crowding	0.75	0.75	0.6	1.0	0.5
C5	Areas susceptible to over-crowding	3.0	0.75	0.6	1.5	1.5
D	Retail areas	1.5	0.75	0.6	1.5	1.5

Note:

1. This usage (under B, E) is for access to and safe working at places normally used by operating, inspection, maintenance and servicing personnel.
2. Applied over a circular or square area of 2000mm², or over two adjacent vertical balusters, as appropriate.

