

TABLE 3.3

MINIMUM IMPOSED ACTIONS FOR BARRIERS

Type of occupancy for part of the building or structure	Specific uses	Top edge			Infill	
		Horizontal kN/m	Vertical kN/m	Inwards, Outwards or Downwards kN	Horizontal kPa	Any direction 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)	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	Areas with fixed seating adjacent to a balustrade, restaurants, bars, etc.	1.5	0.75	0.6	1.5	1.5
C3 Areas without obstacles for moving people and not susceptible to over-crowding	Stairs, landings, external balconies, edges of roofs, etc.	0.75	0.75	0.6	1.0	0.5
C5 Areas susceptible to over-crowding	Theatres, cinemas, grandstands, discotheques, bars, auditoria, shopping malls (see also D), assembly areas, studios, etc.	3.0	0.75	0.6	1.5	1.5
D Retails areas	All retail areas including public areas of banks/building societies, (see C5 for areas where overcrowding may occur)	1.5	0.75	0.6	1.5	1.5

(continued)

TABLE 3.3 (continued)

Type of occupancy for part of the building or structure	Specific uses	Top edge			Infill	
		Horizontal kN/m	Vertical kN/m	Inwards, Outwards or Downwards kN	Horizontal kPa	Any direction kN
F/G Vehicular	Pedestrian areas in car parks including stairs, landings, ramps, edges of internal floors, footways, edges of roofs	1.5	0.75	0.6	1.5	1.5
	Horizontal loads imposed by vehicles	See Clause 3.8				

NOTE: This usage (under B, E) is for access to and safe working at places normally used by operating, inspection, maintenance and servicing personnel.