

AMI

ARCHITECTURAL METALWORK INSTALLATIONS LTD

Table 4. Minimum horizontal imposed loads for parapets, barriers and balustrades, etc.					(BS 6399: Part 1: 1996)
Type of occupancy for part of the building or structure	Example of specific use	Horizontal uniformly distributed line load (kN/m)	A uniformly distributed load applied to the infill (kN/m ²)	A point load applied to part of the infill (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 Lx) (i)	0.36	0.5	0.25	
	Other residential, (but also see C) (ii)	0.74	1.0	0.5	
B and E offices and work areas not included elsewhere including storage areas	Light access stairs and gangways not more than 600mm wide. (iii)	0.22	N/A	N/A	
	Light pedestrian traffic routes in industrial and storage buildings except designated escape routes. (iv)	0.36	0.5	0.25	
	Areas not susceptible to overcrowding in office and institutional buildings also industrial and storage buildings except as given above. (v)	0.74	1.0	0.5	
C areas where people may congregate C1/C2 areas with tables or fixed seating	Areas having fixed seating within 530mm of the barrier, balustrade or parapet. (vi)	1.5	1.5	1.5	
	Restaurants and bars. (vii)	1.5	1.5	1.5	
C3 areas without obstacles for moving people and not susceptible to overcrowding	Stairs, landings, corridors, ramps. (viii)	0.74	1.0	0.5	
	External balconies and edge of roofs. Footways and pavements within building curtilage adjacent to basement /sunken areas. (ix)	0.74	1.0	0.5	
C5 areas susceptible to overcrowding	Footways or pavements less than 3m wide adjacent to sunken areas. (x)	1.5	1.5	1.5	
	Theatres, cinema, discotheques, bars, auditoria, shopping malls, assembly areas, studio. Footways or pavements greater than 3m wide adjacent to sunken areas. (xi)	3.0	1.5	1.5	
	Designated stadia (see note 1) *see requirements of the appropriate certifying authority* (xii)	*(xii)*	*(xii)*	*(xii)*	
Retail areas	All retail areas including public areas of banks/building societies or betting shops. For areas where overcrowding may occur, see C5. (xiii)	1.5	1.5	1.5	
F/G vehicular	Pedestrian areas in car parks including stairs, landings, ramps, edges or internal floors, footways, edges of roof. (xiv)	1.5	1.5	1.5	
	Horizontal loads imposed by vehicles. *see clause 11* (xv)	See clause 11	See clause 11	See clause 11	
Note 1. Designated stadia are those requiring a safety certificate under the Safety of Sports Ground Act 1975.					