

# Barrier Sabco Test Data For Ratings 0.22kN - 3kN Combined With Table 2 of BS 6180:2011

Created 10th November 2017



Type of Occupancy for Part of the Building	Examples of Specific Use	Horizontal Uniformly Distributed Line Load (kN/m)	Glass Types Tested And Accredited For Use.												
			12 MON	15 MON	16.9 SG	17.5 SG	19 MON	20.76 DG41	20.9 SG	21.5 EVA	21.5 PVB	21.5 SG	24.9 SG	25.8 SG	
Domestic & Residential Activities	All areas within or serving exclusively one single family dwelling including stairs, etc. but excluding balconies and edge of roofs	0.36	<b>CLAMPS NOW AVAILABLE - TESTING TO FOLLOW</b>	X	X	X	X	X	X	X	X	X	X	X	X <sub>1</sub>
	Other residential, i.e. houses of multiple occupancy and balconies, including Juliette balconies and edges of roofs in single family dwellings	0.74		X	X	X	X	X	X	X	X	X	X	X	X <sub>1</sub>
Offices & Work Areas Not Included Elsewhere, Including Storage Areas	Light access stairs & gangways not more than 600mm wide	0.22		X	X	X	X	X	X	X	X	X	X	X	X <sub>1</sub>
	Light pedestrian traffic routes in industrial and storage buildings except designated escape routes	0.36		X	X	X	X	X	X	X	X	X	X	X	X <sub>1</sub>
	Areas not susceptible to overcrowding in office & institutional buildings, also industrial & storage buildings except as given above	0.74		X	X	X	X	X	X	X	X	X	X	X	X <sub>1</sub>
Areas Where People Might Congregate	Areas having fixed seating within 530mm of the barrier, balustrade or parapet	1.5						X <sub>1</sub>	X	X	X <sub>1</sub>		X	X	X <sub>1</sub>
Areas With Tables & Fixed Seating	Restaurants & Bars	1.5						X <sub>1</sub>	X	X	X <sub>1</sub>		X	X	X <sub>1</sub>
Areas Without Obstacles For Moving People And Not Susceptible To Overcrowding	Stairs, landings, corridors & ramps	0.74		X	X	X	X	X	X	X	X	X	X	X	X <sub>1</sub>
	External balconies including Juliette balconies and edges of roofs; footways & pavements within building cartilage adjacent to basement/sunken areas	0.74		X	X	X	X	X	X	X	X	X	X	X	X <sub>1</sub>
Areas Susceptible To Overcrowding	Footways or pavements less than 3m wide adjacent to sunken areas	1.5						X <sub>1</sub>	X	X	X <sub>1</sub>		X	X	X <sub>1</sub>
	Theatres, cinemas, discoteques, bars, auditoria, shopping malls, assembly areas, studio; footways or pavements greater than 3m wide adjacent to sunken areas	3											X <sub>1</sub>		
	Grandstands & stadia	See requirements of the appropriate certifying authority													
Retail Areas	All retail areas including banks/building societies or betting shops	1.5					X <sub>1</sub>	X	X	X <sub>1</sub>		X	X	X <sub>1</sub>	
Vehicular	Pedestrian areas in car parks including stairs, landings, ramps, edges or internal floors, footways & edge of roofs	1.5					X <sub>1</sub>	X	X	X <sub>1</sub>		X	X	X <sub>1</sub>	
	Horizontal loads imposed by vehicles	See Annex A within BS8180:2011 for further details													

**Notes: X<sub>1</sub> Indicates Base Fix Only**