





Escape Route Widths

In line with Sections 3.21 & 3.22 of 'Approved Document Part B, Volume 2 - buildings other than dwellinghouses' - the adjacent calculations provide justification for the clear opening widths for escape from each floor level/ room in accordance with Table 4 & Appendix C.

Ground Floor

Exit 1 Clear Opening Width = 1107mm (allows 220 persons to escape)
Exit 2 Clear Opening Width = 1107mm (largest opening to be discounted)

Total Aggregate Width for Floor (Less Largest Opening Width of 1107mm from Exit 2) = 1107mm

Ground Floor Total Estimated Occupancy Capacity = 25 Persons

Exit 1 provides a min. width of 1050mm and would allow a max. No. of 220 persons to escape, which is larger than the total estimated occupancy capacity of 25 Persons and is therefore thought to meet with the Approved Document Part B.

Basement

Exit 3 Clear Opening Width = 1073mm (allows 220 persons to escape)
Exit 4 Clear Opening Width = 1073mm (largest opening to be discounted)

Total Aggregate Width for Floor (Less Largest Opening Width of 1073mm from Exit 3) = 1073mm

Basement Floor Total Estimated Occupancy Capacity = 205 Persons

Exit 3 provides a min. width of 1050mm and would allow a max. No. of 220 persons to escape, which is larger than the total estimated occupancy capacity of 205 Persons and is therefore thought to meet with the Approved Document Part B.

