

## Capacity Assessment for 34 Steele Road, Park Royal, London NW10 7AS

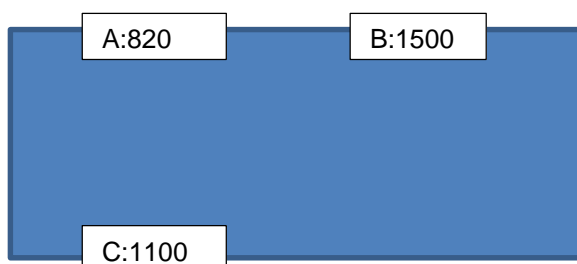
A clear width of at least 750 mm can accommodate up to 100 people in normal risk premises.

A width of at least 1050 mm can accommodate up to 200 people in normal risk premises. Thereafter an additional 75 mm is required for each additional 15 persons (or part of 15).

As a general rule, stairways should be at least 1050 mm wide and their capacity should be sufficient to accommodate the number of people on the floors using them. For existing premises the width and number of staircases may limit the safe numbers of upper floors regardless of the calculations for the available floor space and exit width for that floor, all exit routes are governed by their narrowest part.

The occupancy figure for any building is based on **the lesser** of the 2 following calculations:

1. Net internal area of first floor = 408.0 m squared. Minus the staff /boardroom areas = 300.  
300/1 (dining area or restaurant ie with seating) = 300  
300/.5 (dance floor or hall ie no seating) = 600
2. See below:



Exit A: (820 mm wide) = 100

Exit B: (1500 mm wide) = 290

Exit C: (1100 mm wide) = 200

- Maximum exit capacity, A+B+C = 590
- Discount the largest Exit (B)
- **Total safe exit capacity is Exit A + C = 300**



Seating and Gangways

Seating should be arranged to allow free and ready access direct to the exits.

**Calculations made with guidance from Fire Risk Assessment: small and medium places of assembly Ref: ISBN 9781851128204**