



2.9.8 DOOR WIDTHS GROUND FLOOR

WHERE THE NUMBER OF OCCUPANTS USING THE ESCAPE ROUTE IS NOT MORE THAN 225, THE CLEAR OPENING WIDTH OF THE DOORWAY SHOULD BE AT LEAST 850mm

CLEAR OPENING WIDTH
 1. 1,530mm
 2. 800mm

TOTAL AGGREGATE WIDTH FOR STOREY = 2,330mm
 LESS LARGEST OPENING (1,530mm) = 800mm

$800/5.3 = 150$

GYM CAPACITY IS 200 PERSONS WITH AN ESTIMATED 101 PERSONS OCCUPYING THE GROUND FLOOR SO AGGREGATE ESCAPE WIDTH IS ADEQUATE FOR APPROXIMATELY 1.5 x TOTAL CAPACITY TO EXIT STOREY

2.9.8 DOOR WIDTHS MEZZ FLOOR

WHERE THE NUMBER OF OCCUPANTS USING THE ESCAPE ROUTE IS NOT MORE THAN 225, THE CLEAR OPENING WIDTH OF THE DOORWAY SHOULD BE AT LEAST 850mm

CLEAR OPENING WIDTH
 3. 1,530mm
 4. 800mm

TOTAL AGGREGATE WIDTH FOR STOREY = 2,330mm
 LESS LARGEST OPENING (1,530mm) = 800mm

$800/5.3 = 150$

GYM CAPACITY IS 200 PERSONS WITH AN ESTIMATED 99 PERSONS OCCUPYING THE GROUND FLOOR SO AGGREGATE ESCAPE WIDTH IS ADEQUATE FOR APPROXIMATELY 1.5 x TOTAL CAPACITY TO EXIT STOREY

KEY

- DENOTES WALL TO ACHIEVE 60 MINUTE FIRE RATING
- DENOTES PROTECTED AREAS: WALLS, FLOORS, CEILINGS AND DOORS TO ACHIEVE MEDIUM RATING FIRE RESISTANCE.
- DENOTES AREA OF SPECIAL FIRE RISK: WALLS / FLOORS / CEILINGS AND DOORS TO ACHIEVE MEDIUM RATING FIRE RESISTANCE
- 60 MINUTE FIRE SEPARATION TO CEILING OF ACCESSIBLE WC & SHOWER
- DENOTES FINAL FIRE EXIT(S)
- DENOTES OCCUPANCY LEVELS

ESCAPE STRATEGY

RECOMMENDED TRAVEL DISTANCE BASED ON SLOW EVACUATION.

WHERE TWO EXITS AVAILABLE TRAVEL DISTANCE TO NEAREST EXIT TO BE NO GREATER THAN 32m.

WHERE ONLY ONE EXIT AVAILABLE TRAVEL DISTANCE TO NEAREST EXIT TO BE NO GREATER THAN 15m.

CLIENT Pure Gym Ltd		GR	GG
PROJECT TITLE Silverburn Shopping Centre Glasgow		GR	GG
DRAWING TITLE Fire Evacuation Plan Ground and Mezzanine Floor		GR	GG
DRAWING REFERENCE FOR INFORMATION		GR	MM
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