



Fire Evacuation Key

	Existing wall to achieve min 60 minute fire rating (suitability of wall to be confirmed on site by Pure Gym Main Contractor)		Occupancy level within area
	New wall to achieve min of 60min fire rating		Fire Escape Route
	Protected areas: walls, floors, ceilings and doors to achieve 30minute fire resistant construction.		Minimum Clear Widths
	Protected areas: walls, floors, ceilings and doors to achieve 60 minute fire resistant construction.		Exit No.
			Shared Escape Route

Escape Route Widths:
 In line with Sections 3.21 & 3.22 of Approved Document Part B, Volume 2 - buildings other than dwellings - 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 = 1100mm
 Exit 2 Clear Opening Width = 1300mm
 Exit 3 Clear Opening Width = 850mm
 Exit 4 Clear Opening Width = 1400mm

Total Aggregate Width for Floor (Less Largest Opening Width of 1100mm from Exit 2) = 850mm
 Ground Floor Total Estimated Occupancy Capacity = 107 Persons

Exit 3 provides a min. width of 850mm and would allow a max. No. of 110 persons to escape, which is larger than the total estimated occupancy capacity of 107 Persons and is therefore thought to meet with the Approved Document Part B.

Sprinklers:
 System design and installed in compliance with BS EN 12845:2015 & LPC Technical Bulletins

Fire Alarm:
 Fire Alarm designed and installed to BS 5839. Smoke & heat detection / emergency lighting by specialist. Please refer to M&E engineer's drawings / specifications.

Escape Lighting:
 Emergency escape lighted designed and installed in accordance with BS 5266: Part 1. Please refer to M&E Engineer's drawings for final layout and specification.

Smoke Extract:
 Smoke Extract System to be designed and installed in accordance with BS 7346: Part 8. Please refer to M&E Engineer's drawings for final layout and specification.

Rev	Date	Description	CV/PG
A	17.07.19	Updated with baffled entrance to studio and mesh screen to spin studio.	Drawn/ Checked

Unit 1B, Bishops Court Retail Park
 Exeter, Devon, EX2 7JH

Fire Evacuation Plan
 Ground & Mezzanine Floor Plans

CONSTRUCTION

PUREGYM

Pure Gym Ltd
 Town Centre House
 The Merlion Centre
 Leeds
 LS2 8LY
 e: architecture@puregym.com
 t: 0113 285 8787
 w: www.puregym.com