

Fire Evacuation Key

EFR30	Existing wall to achieve min 30 minute fire rating (suitability of wall to be confirmed on site by Pure Gym Main Contractor		Fire Escape Route
eFR60	Existing wall to achieve min 60 minute fire rating (suitability of wall to be confirmed on site by Pure Gym Main Contractor	1 050 min	Minimum Clear Widths
FR30	New wall to achieve min of 30min fire rating	0	Exit No.
FR60	New wall to achieve min of 60min fire rating		Shared Escape Route
	Protected areas: walls, floors, ceilings and doors to achieve 30minute fire resistant construction.	FDXX	Fire Door Rating
	Protected areas: walls, floors, ceilings and doors to achieve 60 minute fire resistant construction.		

	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	<u>Sprinklers</u> System design and installed in compliance with BS EN 12845:2015 & LPC Technical Bulletins
_	provide justification tor the clear opening widths for escape from each floor level/ room in accordance with Table 4 & Appendix C	System design and installed in compliance with BS EN 12645:2015 & LPC Technical Bulletins
(Ground Floor	Fire Alarm Fire Alarm designed and installed to BS 5839. Smoke & heat detection / emergency lighting by specialist. Please refer to M8
>	Exit D1 is limited by Exit D2 Clear Opening Width = 1060mm (allows 222 persons to escape, largest opening to be discounted)	drawings / specifications.
>	Exit D3 Clear Opening Width = 1050mm (allows 220 persons to escape)	Escape Lighting
(Total Aggregate Width for Floor (Less Largest Opening Width of 1060mm from EXIT No.1) = 1050mm (allows 220 persons to escape)	Emergency escape lighted designed and installed in accordance with BS 5266: Part 1. Please refer to M&E Engineer's drawin and specification.
(Mezzanine Floor	•
>	Exit D4 Min. Clear Opening Width = 1050mm is limited by Escape Stair Width = 1200mm (allows 220 persons to escape, largest opening to be discounted)	Smoke Extract Smoke Extract System to be designed and installed in accordance with BS 7346: Part 8. Please refer to M&E Engineer's draw
>	Exit D9 Clear Opening Width = 850mm (allows 110 persons to escape)	and specification.
>	Total Aggregate Width for Floor (Less Stair Clear Width of 1200mm) = 850mm (allows 110 persons to escape)	Fire Stopping
5	EXIT Nos D3 & D9 allow a max. No. of 330 persons to escape, which is larger than the total estimated occupancy capacity of 207 Persons and is therefore thought to meet with the Approved Document Part B.	All perimeter edges of mezzanine to be appropriately fire stopped to create compartment floor and protect mezzanine struc services/drainage penetrations passing through fire rated compartment floor to be fire collared/sealed.
\langle		Escape Signage and emergency lighting is CDP under the M&E specification. Details of contractors proposals to be provide
		Approved Inspector and Fire Officer within the Contractors Proposals Package, Clause 1.4

NOTE:

- Proposals must comply with all acoustic, fire & building regulation requirements
- No dimensions are to be scaled from this drawing. The contractor is responsible for checking all dimensions on site