



Level 03 - Floor Layout Plan

1 : 100

LEGEND

Apartment wall/floor achieving 240 minutes fire resistance rating (stability, integrity and insulation) in accordance with BS 476 : Part 8/20-24 (or REI240 rating when tested to the relevant European standard and subject to the method of closure set out in Table A1 of the Technical Guidance Document B 2020 and in the case of a wall is to extend full storey height).

Apartment wall/floor achieving 120 minutes fire resistance rating (stability, integrity and insulation) in accordance with BS 476 : Part 8/20-24 (or REI120 rating when tested to the relevant European standard and subject to the method of closure set out in Table A1 of the Technical Guidance Document B 2020 and in the case of a wall is to extend full storey height).

Apartment wall/floor achieving 60 minutes fire resistance rating (stability, integrity and insulation) in accordance with BS 476 : Part 8/20-24 (or REI60 rating when tested to the relevant European standard and subject to the method of closure set out in Table A1 of the Technical Guidance Document B 2020 and in the case of a wall is to extend full storey height).

Resisting wall/partition achieving 30 minutes fire resistance rating (stability, integrity and insulation) in accordance with BS476 : Part 8 /20-24 and relevant recommendations of Appendix A of Technical Guidance Document B with insulated glazed elements confined to the locations identified in Table A4 of Technical Guidance Document except in the case of apartments where the limits in Table 1 of BS9991: 2011 Part 1 : 1990 are to apply instead. Fire rated partitions to be either:

- Carried up above ceiling level or down below raised access floors to the soffit/top of the floor construction or the roof soffit level as appropriate or
- Integrity barriers are to be installed in the ceiling void or underfloor void on the line of the rated partitions or
- Ceiling is to be constructed, throughout the compartment, to a specification achieving 30 minutes fire resistance rating (integrity and insulation) in accordance with Item 17 of Table A1 of Technical Guidance Document B.

Resisting doorset to have not less than 60 minutes integrity rating in accordance with BS476: Part: 8/20-22 or EI60 rating when tested in accordance with the relevant European standard. The doorset to be fitted with cold smoke seals achieving a leakage rate not exceeding 3m²/m²/hour (head and jambs) when tested at 1Pa under BS 476 : Section 31.1 or achieve an Sa classification when tested to EN 1634-3:2004. Doorset to be fitted with an automatic self closing door which is capable of closing the door from any angle and against any latch fitted to the door.

Resisting doorset to have not less than 60 minutes integrity rating in accordance with BS476: Part: 8/20-22 or EI60 rating when tested in accordance with the relevant European standard. Doorset to be fitted with an automatic self closing door which is capable of closing the door from any angle and against any latch fitted to the door.

Resisting doorset to have not less than 30 minutes integrity rating in accordance with BS476: Part: 8/20-22 or EI30 rating when tested in accordance with the relevant European standard. The doorset to be fitted with cold smoke seals achieving a leakage rate not exceeding 3m²/m²/hour (head and jambs) when tested at 1Pa under BS 476 : Section 31.1 or achieve an Sa classification when tested to EN 1634-3:2004. Doorset to be fitted with an automatic self closing door which is capable of closing the door from any angle and against any latch fitted to the door.

Resisting doorset to have not less than 60 minutes integrity and insulation rating in accordance with BS476: Part: 8/20-22 or EI60 rating when tested in accordance with the relevant European standard. The doorset to be fitted with cold smoke seals achieving a leakage rate not exceeding 3m²/m²/hour (head and jambs) when tested at 1Pa under BS 476 : Section 31.1 or achieve an Sa classification when tested to EN 1634-3:2004. Doorset to be fitted with an automatic self closing door which is capable of closing the door from any angle and against any latch fitted to the door.

Resisting lift landing door achieving not less than 30 minutes integrity rating in accordance with BS 476: Part 8/20-22.

Allocated refuge space (min 1400mmx900mm) in accordance with BS 9999.

Dimensions refer to:

- minimum aggregate openable clear width of doors; or
- width of corridor measured between finished surface of walls or other-fixed obstructions (such as protruding columns) at shoulder level, subject to handrails not intruding more than 100mm or skirtings not intruding more than 30mm into the measured width;
- clear width of stairway measured between walls or balustrades subject to handrails intruding not more than 100mm or stringers not intruding more than 30mm into the clear width.

States designated exits / direction of escape.

Travel Distance in meters.

Rising lift conforming with relevant recommendations of BS 9999 and BSEN 12:2020. The lift car shall be a minimum size of 1100mm wide by 1400mm deep with a rated load of 630kg. The method of rescue of fire-fighters should they become trapped in the lift car is assumed to form outside the car using the fire services available ladders.

Rising valve on wet rising fire main conforming with IS 391 : 2020.

Replenish wet riser tank.

Fire stopped at floor level to rating of the floor.

Denotes area outside the scope of this application.

Annularly Ventilated Smoke Shaft.

Separation distance from main kitchen cooking appliance.

FSC Application

A	MINOR AMENDMENTS	02.05.2024
REV.	DESCRIPTION	DATE
 <p>Michael Slattery Associates Fire Safety Engineers</p> <p>www.msa.ie 1 Windsor Place 2 Lower Pembroke Place Dublin 2, Ireland Tel: +353(1)6765713 Fax: +353(1)6785247</p> <ul style="list-style-type: none"> > Building Design & Construction > Fire Engineering Design > Event Safety & Management > Building Fire Safety Management > Disabled Access Consultancy > Computer Modelling 		
<p>PROJECT ALBERT QUAY</p> <p>FIRE SAFETY CERTIFICATE</p> <p>TITLE THIRD FLOOR PLAN LEVEL 03</p> <p>SCALE 1:100 @ A1 JOB No 18446-3</p> <p>DATE 11.03.2024 DWG No 18446-3-007-FSC</p> <p>CHECKED BY REV A</p>		