



FIRE EXITS NOTES

Fire Doors Fix Doors to comply with B.S. 476: Part 22: 1987

FD30 FD30 standard fire door, hung on 1 1/2 pairs of steel or brass hinges with a steel or brass latch, to have a positive overhead self closing device which closes the door fully into a 25mm deep rebated frame. An intumescent strip is required in the top rail and stiles of the door or frame. Only one strip required to meeting stiles on double doors.

FD30S FD30S standard fire door as above but including a combined intumescent/brush type smoke stop seal in frame. Brushes to be secured in position to prevent accidental removal. (frame and ironmongery as above)

NOTE: Planted-on rebates to be glued and screwed

VP Vertical vision panel in 6mm georgian wired clear glass approx. 1.2metres x 250mm (max.) wide bedded in intumescent mastic and retained by 10 chamfered screwed hardwood beading with min. cover 15mm.

Screens (REQUIRING FIRE RESISTANCE) (1 HR FR ONLY)

Glazing to be minimum half-hour fire resisting in 6mm thick georgian wired glass bedded in intumescent mastic and retained by 10 chamfered screwed hardwood beading with min. cover 15mm. Opening lights to be fixed shut. Maximum area of individual pane 0.67 sq.m. Mullions/transoms to be min. 56x44mm, rebates out of solid i.e. not planted stops. NOTE: Larger areas of glazing are possible with larger beads or proprietary systems. Details to be approved by City Building Surveying & Licensing Division Prior to installation.

General: No glazing is allowed below 1.1m above f.f.l. However, where glazing has been agreed as being acceptable at this level or above, then all such glazing must meet the standard of Class 'C' up to 900mm wide and Class 'B' over 900mm wide of B.S. 6206: 1981 between finished floor level and 800mm above f.f.l. and above 1500mm above f.f.l. in doors or adjacent side panels within 300mm of edge of door.

All glazed screens adjacent to fire doors to be same standard as the door/unless Building Regulations require a higher standard, and comply with Part 'N' Building Regulations, 1991.

General

Store doors need not be self-closing if kept locked shut when not in use. Generally not to open out.

Bedroom Doors **NOT** to be lockable, or to have Social Services approved type fire escape lock **only** (Registered Homes Act premises only).

Cavity barriers to be provided above head of all across corridor doors and be fire/smoke stopped to underside of structural floor over and around any pipes etc.

All furniture, furnishings, beds and bedding, carpets etc. to the satisfaction of the Chief Fire Officer.

All final exit doors to open outward must open over a level threshold or a ramp to comply with the current Building Regulations, Part M.

Emergency Lighting

Self-contained (non-maintained type)

Emergency lighting unit (minimum 8 watt fluorescent type only)

3 hours duration connected into the adjacent local lighting circuit.

A conveniently sited test switch facility, suitably indicated, is required to simulate local lighting circuit failure so that normal supply is **not** interrupted during test.

Centralised Battery

Where this type of system is used the system must be fully interlinked to the fire alarm so that operation of that system engages the emergency lighting. (minimum 8 watt fluorescent type)

Signs

(to comply with B.S. 5499, Part 1, 1990 & 92/58 E.E.C. Directive.)

FB E 'FIRE EXIT', 'EXIT', 'FIRE DOOR', 'PUSH BAR TO OPEN' and 'FIRE ACTION' notices to fully comply with B.S.D. Information Sheet No.7.

N2 N1 PB (Your attention is drawn to that information sheet in regard to 'FIRE EXIT' signs and the distinction between providing the 'pictogram' or 'running man' type of sign, if in doubt consult Building Surveying & Licensing Division)

Fire Alarm

EMERGENCY LIGHTING SYSTEM TO FULLY COMPLY WITH B.S. 5266: PART 1: 1988 & TO BE CERTIFIED ON COMPLETION BY THE PROVISION OF AN EMERGENCY LIGHTING COMPLETION CERTIFICATE FOR NEW SYSTEMS/EXTENSIONS OR AN EMERGENCY LIGHTING INSPECTION AND TEST CERTIFICATE FOR EXISTING SYSTEM TESTS. YOUR ATTENTION IS DRAWN TO THIS CODE, AND IT IS NECESSARY FOR THE ELECTRICAL DESIGNER / INSTALLATION ENGINEER / ELECTRICAL CONTRACTOR TO ENSURE FULL COMPLIANCE.

Fire Alarm

DS Optical / p.e smoke detector connected into fire alarm system.

DM Heat detector connected into fire alarm system.

CS Break Glass Alarm call point connected into the fire alarm system.

NOTES

Audibility
Fire alarm audibility to be tested upon completion of works and fitting of carpets, curtains etc.

Signal is to be clearly audible throughout the premises will all the intervening doors closed and background noise at its maximum level. In day occupancy premises the minimum level is 65dB(A) or 5dB(A) above background level whichever is the greater within all rooms and maximum 95dB(A). In sleeping risk premises corridors/stairs/day occupancy rooms must achieve minimum 65dB(A) and maximum 95dB(A), in bedrooms the minimum level is 75dB(A) at the head head.

IN ORDER TO ACHIEVE THE NECESSARY LEVELS IT IS REQUIRED THAT ROOM SOUNDERS, WIRED IN ACCORDANCE WITH THE BRITISH STANDARD, ARE PROVIDED IN ALL AREAS.

SCA Electro magnet 'hold open' device connected in to Fire Alarm system and to a master time clock to switch magnets off during the silent hours, and have local closure facility and be 'fail safe'

FS Electro magnet 'free swing' type connected into the fire alarm system system to be as above.

FIRE ALARM SYSTEM TO FULLY COMPLY WITH B.S. 5839-PART 1: 1988 AND TO BE CERTIFIED ON COMPLETION BY THE PROVISION OF A FIRE ALARM SYSTEM INSTALLATION AND COMMISSIONING CERTIFICATE FOR NEW SYSTEMS/EXTENSIONS, OR, ANNUAL INSPECTION CERTIFICATE AVAILABLE FROM THIS DIVISION. YOUR ATTENTION IS DRAWN TO THIS CODE, AND IT IS NECESSARY FOR THE ELECTRICAL DESIGNER / INSTALLATION ENGINEER / ELECTRICAL CONTRACTOR TO ENSURE FULL COMPLIANCE WITH THE CODE.

General Electrical Installation

To fully comply with current I.E.E. Wiring Regulations B.S. 7671: 1992 and be certified on completion by either a PERIODIC INSPECTION REPORT FOR AN ELECTRICAL INSTALLATION for existing systems, or MINOR WORKS CERTIFICATE FOR ELECTRICAL INSTALLATION COMPLETION CERTIFICATE for new works/installations. (all schedules must be included). The form of certificate for the main wiring installation must be that set out for inspection certificates under Appendix 6 of the I.E.E. Wiring Regulations B.S. 7671: 1992 and be signed by a person indicated below:

PERSONS RECOGNISED AS ACCEPTED SIGNATORIES FOR ELECTRICAL CERTIFICATES:

The person signing any form of the electrical certificates must be one of the following:

- (1) A member of the Electrical Contractors Association (ECA)
- (2) A certificate holder of the NICEIC
- (3) An electrical engineer who either:
 - a. A chartered member of the Institute of Electrical Engineers or
 - b. A member or fellow of the Institution of Electrical and Electronics Incorporated Engineers

IN ADDITION FOR FIRE ALARM SYSTEMS ONLY:

- (4) A certified company with ISO 9002, and, or, I.P.S. 1014 accreditation.

All certificates must give the full name and address of the person who signs it and identify which class of the above he/she is and, where appropriate, their enrolment number.

GAS INSTALLATION

To comply with Gas Safety (Installation and Use) Regulations 1994 and be certified by British Gas PLC or a CORGI registered business or firm on completion. A British Gas PLC 'GAS INSTALLATION INSPECTION REPORT' and Soundness Testing Certificate, or CORGI 'GAS SAFETY INSPECTION' report and copy of the 'CORGI REGISTRATION CERTIFICATE' as appropriate is required.

EXTINGUISHERS (to BS 5423, 1987, Fire Blanket to BS 6875, 1985)

Wg 9 litre water extinguisher (13A Rating)

CO2 2.2kg carbon dioxide extinguisher (21B Rating)

FB 1m2 fire blanket and container

DP 2.2kg Dry powder

All above to be mounted on wall brackets, fire extinguishers approx. 1m to top of extinguisher above floor level and fire blanket approx. 1.5m to top of container above floor level

GENERAL NOTES.

INSTALL NEW MECHANICAL EXTRACT VENTS TO GIVE MIN. VENTILATION OF 10 LITRES PER HOUR

KITCHENS - 10 LITRES PER HOUR

BATHROOMS - 10 LITRES PER HOUR

A MIN. 200 MM CHANGES (PANS) ARE REQUIRED TO OPEN, WITH A 15 MINUTE OVERHEAD TO BATHROOMS. VENT LOCATIONS TO BE DECIDED ON SITE.

ALL NEW SANITARY FITTINGS TO HAVE DRAIN SEAL OR DE-SEAL - ALL TOBS TO HAVE A DRAIN SEAL 300MM FROM Gully. SINK TO ALSO HAVE 200MM DRAIN

ALL NEW WARE TO BE FULLY REINFORCED

ALL DOORS TO UNSTABLE ROOMS TO ALL DOORS TO BE FITTED WITH SELF CLOSING FIRE DOORS

IN ORDER TO SATISFY BUILDING DECS, ALL STRUCTURAL THRESHOLDS USED, MUST BE STRENGTH GRADED & MARKED DAY OR KD.

OFFICIALS & LOCATION OF ALL NEW DOORS TO BE CONFIRMED BY MAIN CONTRACTOR (MC).

DETAILS OF CENTRAL HEATING SYSTEM TO BE CONFIRMED BY MC.

POSITION OF FUE TERMINALS TO BE IN ACCORDANCE WITH GAS SAFETY DECS & BUILD DECS & BE INSTALLED BY A CORGI REGISTERED INSTALLER.

ALL NEW DOWNPIPES ARE TO BE FITTED WITH THERMOSTATIC VALVES & TO BE IN STRICT ACCORDANCE WITH DOMESTIC HEATING CODES.

ALL ELECTRICAL WORKS TO MEET PART P & MUST BE INSTALLED, INSPECTED & TESTED BY A PERSON COMPETENT TO DO SO. ALL APPROPRIATE BASIC ELECTRICAL INSTALLATION CERTIFICATE IS TO BE ISSUED BY A PERSON COMPETENT TO DO SO AFTER CHECK IS SATISFIED THAT PART P HAS BEEN COMPLIED WITH.

CURTAIN TO CURTAIN WHERE GAS EXTRACT VENTS ARE INSTALLED.

DO NOT SCALE OFF THIS DRAWING.
ALL DIMENSIONS TO BE CHECKED ON SITE.
ALL ELEMENTS OF STRUCTURE TO BE SHOWN.
FIRE RESISTING.

REVISION	AMENDMENT	DATE
CLIENT MR. P. MCCREADY		
DRAWING TITLE CONVERSION OF FLATS WITHIN BUILDING TO 7 BED H.M.O. @ 23 SHELL ROAD. LIVERPOOL L6 3AB.		
PROPOSED FLOOR PLANS		
SCALE 1:50, 1:100	DRAWING No. 02	REV.
DATE OCT 2015		

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16-10-15