

APPROVED DOCUMENT B

VOLUME 1 - TABLE B1

Provisions for fire doors in dwellings/houses.

Position of the door	Minimum fire resistance of door in terms of integrity (minutes) when tested to BS 476-22:1987 ⁽¹⁾	Minimum fire resistance of door in terms of integrity (minutes) when tested to the relevant European standard ⁽³⁾
1. Any door: a) within a cavity barrier b) between a dwelling/house and a garage c) forming part of the enclosures to a protected stairway in a single family dwelling/house d) within any other fire-resisting construction in a dwelling/house not described elsewhere in this table	FD 30 FD30s ⁽²⁾ FD 20 FD 20	E30 E30Sa ⁽²⁾ E20 E20

Notes for Table B1 - Volume 1 and 2:

- 1) To BS 476-22:1987 (or BS 476-8:1972 subject to paragraph 5 in Appendix A).
- 2) Unless pressurization techniques complying with BS EN 12101-6:2005 Code of practice for smoke control using pressure differentials are used, these doors should also either:
(a) have a leakage rate not exceeding 3m³/m/hour (head and jambs only) when tested at 25 Pa under BS 476 Fire tests on building materials and structures, Section 31.1 Methods for measuring smoke penetration through doorsets and shutter assemblies, Method of measurement under ambient temperature conditions; or
(b) meet the additional classification requirement of Sa when tested to BS EN 1634-3:2001 Fire resistance tests for door and shutter assemblies, Part 3 – Smoke control doors.
- 3) The National classifications do not automatically equate with the equivalent classifications in the European column, therefore products cannot typically assume a European class unless they have been tested accordingly.

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VOLUME 2 - TABLE B1

Provisions for fire doors in buildings other than dwellings/houses.

Position of the door	Minimum fire resistance of door in terms of integrity (minutes) when tested to BS 476-22:1987 ⁽¹⁾	Minimum fire resistance of door in terms of integrity (minutes) when tested to the relevant European standard ⁽³⁾
1. In a compartment wall separating buildings	As for the wall in which the door is fitted, but a minimum of 60.	As for the wall in which the door is fitted, but a minimum of 60.
2. In a compartment wall:		
a) If it separates a flat from a space in common use;	FD 30S ⁽²⁾	E30 S _a ⁽²⁾
b) Enclosing a protected shaft forming a stairway situated wholly or partly above the adjoining ground in a building used for Flats, Other Residential, Assembly and Recreation, or Office purposes;	FD 30S ⁽²⁾	E30 S _a ⁽²⁾
c) enclosing a protected shaft forming a stairway not described in (b) above;	Half the period of resistance of the wall in which it is fitted, but 30 minimum and with suffix S ⁽²⁾	Half the period of resistance of the wall in which it is fitted, but 30 minimum and with suffix S _a ⁽²⁾
d) enclosing a protected shaft forming a lift or service shaft;	Half the period of resistance of the wall in which it is fitted, but 30 minimum	Half the period of resistance of the wall in which it is fitted, but 30 minimum
e) not described in (a), (b), (c) or (d) above.	As for the wall it is fitted in, but add S ⁽²⁾ if the door is used for progressive horizontal evacuation under the guidance to B1	As for the wall it is fitted in, but add S _a ⁽²⁾ if the door is used for progressive horizontal evacuation under the guidance to B1
3. In a compartment floor	As for the floor in which it is fitted	As for the floor in which it is fitted
4. Forming part of the enclosures of:		
a) a protected stairway (except as described in item 9) ; or	FD 30S ⁽²⁾	E30 S _a ⁽²⁾
b) a lift shaft (see paragraph 5.42b); which does not form a protected shaft in 2(b), (c) or (d) above.	FD 30	E30
5. Forming part of the enclosures of:		
a) a protected lobby approach (or protected corridor) to a stairway;	FD 30S ⁽²⁾	E30 S _a ⁽²⁾
b) any other protected corridor; or	FD 20S ⁽²⁾	E20 S _a ⁽²⁾
c) a protected lobby approach to a lift shaft (see paragraph 5.42)	FD 30S ⁽²⁾	E30 S _a ⁽²⁾
6. Affording access to an external escape route	FD 30	E30
7. Sub-dividing:		
a) corridors connecting alternative exits;	FD 20S ⁽²⁾	E20 S _a ⁽²⁾
b) dead-end portions of corridors from the remainder of the corridor	FD 20S ⁽²⁾	E20 S _a ⁽²⁾
8. Any door within a cavity barrier	FD 30	E30
9. Any door forming part of the enclosure to a protected entrance hall or protected landing in a flat;	FD 20	E20
10. Any door forming part of the enclosure		
a) to a place of special fire risk	FD 30	E30
b) to ancillary accommodation in care homes (see paragraph 3.50).	FD 30	E30