Fire door ironmongery *and seals*

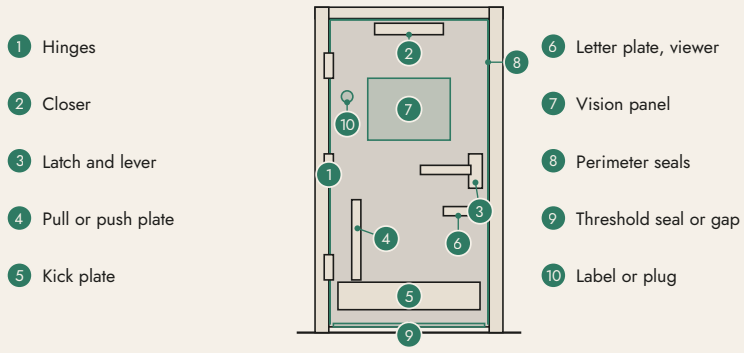
What a fire door certificate must list for each part, with the standard and what to ask for. It never says a part is acceptable: the certificate does.

Compliance guidance. Read on 7 November 2026 from Approved Document B volume 2 Appendix C (England), the DHF and GAI hardware Code of Practice (Issue 5, 2024, advisory), BWF Fact Card 10 (2024) and the gov.uk fire door guidance (2025). A fire door is a certified assembly: the certificate, test evidence or assessment for that doorset governs every part, size and gap. No standard was read. This is guidance, not legal or fire safety advice; confirm with the fire engineer, certification body and building control. The studio does not certify, supply or install fire doors and does not claim that it or its partner workshops supply certified fire doorsets.

AT A GLANCE

Component	Standard and BSI status	What the evidence must list	Note
Hinges	BS EN 1935 (under review)	As tested; fire digit	No rising butt or spring hinges.
Closers, hold-open	BS EN 1154 (under review); EN 1155	Tested; power size 3 or more	No manual hold-open.
Locks, latches	BS EN 12209:2024 (current); EN 179	Tested, with intumescent kit	Cut-outs reduce rating.
Levers, knobs	BS EN 1906:2012 (under review)	Tested; grade 3 or more	Steel core if plastic.
Pulls, push plates	BS 8424:2004 (current)	Tested; bolt-through	Small fixing holes.
Plates, viewers	None named	Within field of application	Tested types only.
Perimeter seals	BS EN 1634-1, -3 (tests)	As tested; smoke seal if S, Sa	Never paint smoke seal.
Threshold	BS EN 1634-3:2004	Gap or drop seal, per maker	About 3 mm smoke; 8 to 10 mm.
Glazing, signs	BS EN 1634-1; BS 5499-5	Factory-glazed; sign both sides	No site glazing.

England. BSI status read 7 Nov 2026; no standard was read. Rules from the DHF and GAI Code (Issue 5, 2024, advisory) and Approved Document B Appendix C. The certificate governs.



Ten groups of components, each of which the doorset's evidence must cover. Schematic, no sizes. Original drawing by Make Bespoke Studio.

REMEMBER

Ask for the doorset's certificate, the list of compatible parts and the installation instructions. Treat any change of hinge, closer, handle, plate, seal, glazing or finish as a change to the doorset until the maker or certifier says otherwise in writing.

SPECIFICATION WORDING

IRONMONGERY SCHEDULE HEADER

All ironmongery, seals and glazing on fire-rated doorsets [FD30S / E30 Sa / other] to be those listed in the certificate, test evidence or assessment for that doorset. The schedule to state against each item its standard, product reference and evidence reference. No item to be added, moved, enlarged, substituted or finished differently without written confirmation from the doorset manufacturer or its certification body.

HINGES AND CLOSER

[3] hinges per leaf at the positions in the evidence, with the fire grade digit stated, fixed with the screws listed. Controlled door closing device to BS EN 1154 of power size [3 or more] with evidence for this doorset, latched or unlatched as tested; torque curve to be supplied. Hold-open, if any, to BS EN 1155, released by the fire alarm.

HANDLES AND PLATES

Lever handles to BS EN 1906, category of use grade [3] or higher, and pulls to BS 8424, each with fire test evidence on this door type; plastic levers to have a steel core; pulls bolt-through. Plates, letter plates and viewers only as listed. No hole to be enlarged.

SEALS AND GLAZING

Intumescent and smoke seals as tested for rating [ ], not painted over. Threshold: [gap per certificate / drop seal listed as ___]. Glazing and beads supplied by the doorset manufacturer, factory-fitted; no glazing on site.

TERMS USED

Doorset

A door leaf supplied or certified together with its frame, seals and ironmongery as one tested unit.

Intumescent seal

A strip fitted in the door or frame that swells when heated to close the gap around a fire door. BWF's position is that it should be fitted on every fire door.

Controlled door closing device

A door closer that controls the speed of closing, tested to BS EN 1154; a spring hinge or rising butt hinge is not one.

Field of application

The range of doors, sizes and parts that a fire test or assessment covers; anything outside it is not covered by the certificate.

STANDARDS AND SOURCES

- gov.uk: Approved Document B volume 2, Appendix C (2019 edition incorporating amendments to 2026): C4, C5, C6, C10 to C15. Read 7 Nov 2026.
- DHF and GAI: Code of Practice, Hardware for fire and escape doors (Issue 5, November 2024): sections 1, 2, 3, 6, 8, 11. Advisory. Read.
- BWF Fire Door Alliance Fact Card 10 (September 2024); gov.uk fire door guidance (updated 8 August 2025): read.
- BSI Knowledge listings, 7 Nov 2026 (standards not read): BS EN 1935:2002, 1154:1997, 1906:2012, 1125:2008, 1634-1:2014+A1:2018: under review; EN 1155:1997, 1158:1997, 179:2008, 1634-3:2004: current; EN 12209:2024: current; BS 8424:2004: current.

Full guide: https://makebespoke.com/trade/technical/fire-door-ironmongery-and-seals. Make Bespoke Studio coordinates manufacture through its partner workshops. Figures are guidance only and your specification governs; some may be superseded, so contact the studio to verify.