

Fire doors and hardware

Quality Alert



Information provided in specification or door schedule

Fire door specified for FD rating, acoustics and robustness
Field of Application is provided if a named manufacturer is specified
* See note below

Door closer specified to BS EN 1154

Door co-ordinator specified for pairs of doors to BS EN 1158

Door closer specified to BS EN 1154

Single axis hinges specified to BS EN 1935
Minimum 3 hinges are required and specified for size, weight and FD rating of door

Magnetic locks, certified to BSEN 1634

Hardware, security equipment or furniture included in specification or door schedule

Not provided or incomplete information

Refer to Design Team

**The Field of Application is a report on the range of situations in which the fire performance of the door is valid. The FoA outlines the variations and permitted parameters of the door to reduce the risk of incorrect installation.*

Information from door manufacturer and hardware supplier

Field of Application available for specified door* See note below

NO

Request from manufacturer

Are there any restrictions in the FoA that affect the integrity of the door, e.g. uninsulated glass, product mounting options, magnetic locks, security hardware, or any item added onto the door or frame not covered in the door fire testing scope

YES

Refer to Design Team

Are doors to be procured as door sets with hinges, locks, latches etc from the door manufacturer

NO

Request confirmation from the door manufacturer on suitability of products specified by Design team including magnetic locks, door strikes, push plates etc

Are door closures, magnetic locks, letter plates, exit devices, and other hardware certified by third party accreditation for use on fire doors to the FD specified?

NO

Refer to Design Team

The Field of Application for doors must be included with handover information provided to the client and operator for the building including other installation

The designer must provide a schedule of door sets and hardware which are mutually compatible and certified for the fire rating of the door. Preference should be given to complete certified factory hung doorsets (Silver plug to the Q Mark scheme)
At tender, acknowledging commercial advantage, check and document that hardware selected is fire rated with test reports and acceptable for the Field of Application of the specific door type and manufacturer.
Ensure that follow on sub-contractors, such as security or access control, are aware of the fire rating of the door and the need for certified hardware only to be fitted to the door with approved fixings.
If door hardware is varied or added, including access controls, closers refer to the Field of Application
Additional advice provided in https://www.youtube.com/watch?v=7ITsZ9_HwMc Ironmongery for Fire and Escape Doors Chartered Association of Building Engineers