

Installation Instruction CF807

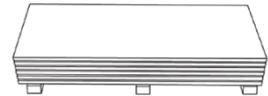
Under no circumstances shall these instructions be deviated from, failure to comply with these instructions will invalidate any Certifire certification.

Storage:

Doors must be stored in a dry sheltered condition, on a coverboard with three evenly positioned bearers leaving the bubble wrap intact. **DO NOT STORE UPRIGHT.** We would advise neither storage or installation of fire doors immediately after wet trades.

Storage

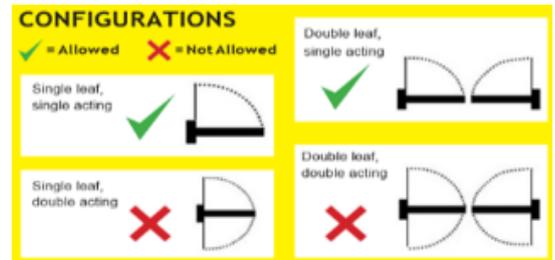
Store in dry conditions on 3 equally spaced level bearers
Polythene wrapping must remain on the door until immediately before hanging.



Intumescent materials including tape and fire seals **MUST** be kept off the floor at all times to prevent moisture failing the seal in the event of a fire.

Configurations:

Single-acting, single & double leaf latched and unlatched.



Door Frame:

Fixing points – no less than four points with steel or nylon frame fixings screwed and pugged at maximum 600mm centres penetrating the wall at least 50mm.

Wall to frame gap – 10mm maximum.

Section – 32x70mm minimum section softwood or hardwood.

Door stop – 12mm deep pinned, screwed or rebated from solid timber.

Door gap – 4mm maximum jambs and head, 8mm maximum threshold and 3.5mm meeting stiles.

Hinges:

Type – Hinges shall be CE marked against EN 1935 for use on 30 minute timber for door assemblies. Steel butt screwed in.

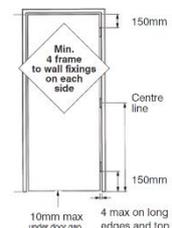
Number – minimum three per leaf.

Position – Maximum 200mm from top of door centreline of top hinge, maximum 250mm from bottom of door to centreline of bottom hinge, middle hinge positioned centrally in door height.

Intumescent protection – none required but 1mm intumescent pads may be used.

Hinge Positions & Fixing Locations

4mm max frame to door gap on long edges and top



NOTE: Where FD30S is required the maximum gap under door shall be 3mm unless a threshold seal is fitted.

Lock and Latches:

Type – CE marked for use in 30-minute timber fire door, automatic, latch bolt, Cylinder rim night latches and knob sets. Steel or Brass material.

Maximum Case – 166mm h x 98mm d x 20mm w

Maximum Forend – 235mm h x 25mm w

Maximum Keep – 185mm h x 25mm w (excluding latch plate)

Position – Maximum 1100mm up from bottom of door to centreline of lock case

Intumescent Protection – 1mm Interdens to body, forend and keep

Trimming:

Stiles – 3mm each leaf

Top – 3mm

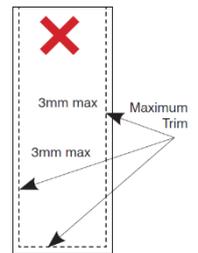
Bottom – no limit providing no lipping is fitted

Notes – under no circumstances shall the door gaps be exceeded; the labelled edge may be subject to minor shooting in but the label **MUST** remain intact and cannot be damaged. This will invalidate the fire rating.

Trimming the door

Top of door may be trimmed by up to 3mm to allow it to fit in an out of square frame, but in doing so the Certifire label must not be removed.

No maximum, bottom of door may be trimmed by as much as needed.



Further Information:

Please call Door and Joinery Solutions Ltd on 01509 815511 for any further information.