

Fire Door Checklist

Make sure your fire door
is compliant and legal

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 **LATHAM'S**
STEEL SECURITY DOORSETS

1 Hinges

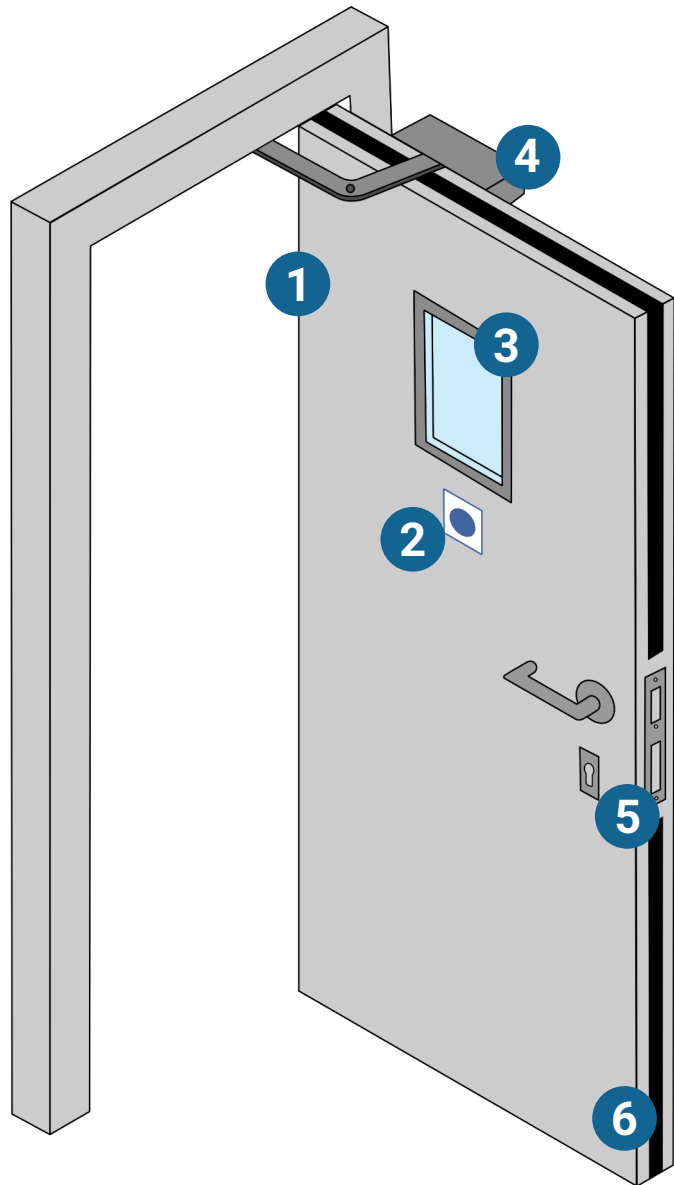
- Are there a minimum of 3 hinges with all screws fitted?
- Are all screws the same size?
- Are the hinges free of metal fragments & oil leakage which could be signs of wear?
- Are the hinges marked with a CE stamp? Check the grade of the hinge is correct for the door.
- Fit the top hinge 200mm from top of door and the middle hinge 250mm further down from the centre point of the top hinge and the bottom hinge 200mm from the bottom of the door.
- Check that intumescent pads have been fitted in the correct material.

2 Signs

- If the door has a closer, does the door display the correct signage on both sides?
- Check the correct signage has been fitted to the door and is in accordance with BS5499.

3 Vision Panels

- Vision Panels are needed where doors on escape routes sub-divide corridors.
- Ensure that the Vision Panel is intact & secured in place, if so equipped.



4 Door Closer

- Open the door to 5 degrees or 75mm.
- Does the active leaf completely close when operated from full position?
- Is the closer free from damage and not leaking?
- It's recommended that a minimum of power size 3 should be used and the closer must be CE marked.
- Check the closing time of the door closer is no longer than 25 seconds.
- It must be tested and CE marked in the position it is fitted.
- If a concealed overhead door closer is used it must also be fitted with the correct intumescent material.

5 Locks & Latches

- Does the latch secure the door when it is in a closed position?
- Is the lock fitted with the correct intumescent?
- Are they CE marked?

6 Seals

- Is the seal continuous around the hardware & fitted correctly into its rebate?
- Are the intumescent glazing seals free from damage and tested to BS 476 Pt22?

When performing maintenance on fire doors the NFPA 80 Standard requires the following to be met:

1. No open holes or breaks exist in surfaces of either the door or frame
2. Glazing, vision light frame and glazing beads are intact & securely fastened in place, if so equipped.
3. The door, frame, hinges, hardware and non-combustible threshold are secured, aligned and in working order with no visible sign of damage.
4. No parts missing or broken.
5. Door clearance at the door edge to the frame, on the pull side of the door, do not exceed clearances listed in 4.8.4 and 6.3.1.
6. The self-closing device is operational, that is, the active door completely closes when operated from the full open position.
7. If a coordinator is installed, the inactive leaf closes before the active leaf.
8. Latching hardware operates and secures the door when it is in the closed position.
9. Auxiliary hardware items that interfere or prohibit operation are not installed on the door frame.
10. No field modifications to the door assembly have been performed that void the label.
11. Gasketing and edge seals, where required, are inspected to verify their presence and integrity.