

Fire Door

Recommended installation instructions

Scope

1. The method of installation recommended within this document applies to fire door frames most commonly used in commercial buildings.

Key Points when installing Fire Doors

1. Ensure that the metal door press metal frame (PMF) – is fire rated
2. Ensure the PMF is installed correctly
3. The door must be hung the correct way around.
4. Pre-drill pilot holes for hinges, locks and other miscellaneous hardware.
5. Clearance must be within maximum tolerance.
6. Ensure that the threshold beneath the fire door is within maximum tolerances.
7. Only approved fire door fittings are to be used.
8. Fire Door fittings include the minimum hardware components.
(essential hardware)
9. The door will latch when released from open position.

Fire Door Installation Instructions

1. The Building Code of Australia – BCA - (NCC) requires that all fire doors must be installed in accordance with the Australian Standards AS 1905.1-XXXX

It is also a requirement in Queensland that a licensed QBCC (Queensland Building and Construction Commission) person or company installs and certifies fire door sets.

2. Fire Rated Frames must be installed in accordance with the Sponsor/Applicants tested prototype specifications.

3. Frame fixings must be spaced apart no greater than 400mm.
4. All press metal frames **MUST** be core filled.
(insulation rating)
5. The threshold beneath the door should be no greater than 25mm maximum including carpet thickness.
6. The clearance beneath the door to the concrete should have a maximum threshold of 20mm - no floor finishes.
7. The clearance between the finished floor level and the bottom of the door should not exceed 10mm as recommended by AS1905.1
8. The clearances between the door and frame at the head and stiles are to be no more than 3mm.
9. All-inclusive hardware (locks, closers etc.) fitted to fire doors must be tested and approved.
10. A maximum of 6mm can be trimmed from all edges. If more trimmings are required, a special door should be ordered.
11. Specially prepared fire doors contain reinforcing plates within the door to accept hinges, lock and closers. Therefore, special attention should be taken that the door is hung the correct way. At the top hinge stile, the door is stamped 'top hinge' and the fire rating is specified on the door.
12. Prior to screws being fastened, a pilot hole 3.2mm - 4.0mm must be prepared. Screws must be 10# gauge for closers and hinges.

Please contact us for any warranty or customer support related matters

FAILURE TO COMPLY WITH THE ABOVE, MAY RESULT IN THE FIRE DOOR BEING NON COMPLIANT AND THEREFORE NO CERTIFICATION CAN BE ISSUED. IT MAY ALSO VOID THE WARRANTY.