

FIRE-RATED ACCESS DOOR (KIN-FRD-AD)



KIN-FRD-AD

Secure Access with Certified Fire Protection

The KIN-FRD-AD Fire-Rated Access Door provides reliable, safe access to concealed spaces in walls and ceilings while maintaining the fire rating of the surrounding structural barrier. Specifically engineered for mechanical, electrical, plumbing (MEP) and HVAC systems, this access door allows convenient inspection, maintenance and service work without compromising compartmentation or life-safety performance.

Typical Applications

- Fire-Rated Walls & Ceilings — Maintain fire compartmentation while providing access.
- Mechanical & HVAC Systems — Access to fire dampers, volume control dampers, filters and ductwork.
- Electrical & Plumbing Services — Entry to junctions, valves, conduits, and service boxes.
- Plant Rooms & Utility Spaces — Routine maintenance without compromising safety performance.



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Key Features & Benefits

Certified Fire Protection — Engineered to maintain fire resistance and contain fire spread for specified durations in passive fire protection systems.

Robust Construction — Heavy-duty galvanized steel frame and door panel for durability and long service life.

Thermal & Acoustic Insulation — Insulated door panel enhances both thermal performance and noise control.

Smoke & Heat Control — Designed to resist the passage of smoke and hot gases during fire events.

Neoprene Gasket Seal — Full-perimeter gasket reduces air leakage and helps preserve fire-rated integrity.

Easy Maintenance Access — Smooth-operating cam locks or removable door leaf for rapid, secure access to concealed spaces.

Engineered Construction

Frame: Galvanized steel with concealed or exposed flange options for wall/ceiling mounting.

Door Panel: Galvanized steel with internal insulation (typically mineral wool or fibreglass).

Gasketing: Full perimeter neoprene seal to limit air and smoke leakage.

Locks & Hardware: Zinc-plated cam locks and chromium-plated handles or key-operated latches.

Hinges: Continuous piano or concealed hinge for smooth operation and durability.

Fire Performance & Compliance

Fire Resistance: Designed to meet or exceed fire-rated opening requirements when installed within rated walls or ceilings.

Smoke Resistance: Helps limit smoke passage through service access points during a fire.

Installation: Suitable for new build and retrofit applications where passive fire protection is required.



Configurations & Options

- **Finish:** Galvanized prime; custom paint finish available.
- **Sizes:** Standard modular sizes; custom fabrication available on request.
- **Frame Types:** Flush, recessed, plaster flange, concealed flange.
- **Hardware:** Key lock, tool-operated cam, quick-release handles.

Project Integration

The KIN-FRD-AD is ideal for use in healthcare, commercial buildings, retail malls, high-rise developments, airports, hotels, educational facilities and industrial facilities — anywhere safe, fire-rated access is needed for concealed service components.

