



Protecting Property. Saving Lives.

*Affordable options to
satisfy elevator separation
requirements in high-rise
occupancies.*

Our diverse product line offers many options.

HIGH-RISE FIRES are difficult to fight and difficult to escape. An unprotected elevator shaft will act as a conduit allowing fire, smoke and toxic gasses to spread from the fire floor throughout the building. In buildings where an elevator shaft connects more than three stories code requires that it, and its doors, be separated from the floor onto which it opens. Additionally, when a building goes into fire alarm elevators must be immediately recalled to a safe location for passengers to exit and then be available for firefighter use. Should any safety system fail, the results can be deadly for building occupants and first responders.

Because high-rise fires are more injurious and cause more damage than other structure fires, the building code has adopted increasingly rigorous requirements governing fire protection systems in high-rise buildings. The potential cost of compliance can represent a large investment for building owners, often delaying implementation.

Fortunately McKeon Door Company offers multiple options to the designer for complete compliance, with or without a lobby, new or retrofit construction.

For more information contact your local representative, call 800-266-9392 or visit www.McKeonDoor.com.

Side Acting Fire Door

Safescape® AC8000 Series

- Ideal when there is no headroom and side stacking space is limited
- Available in either manual or motor operated designs, with or without swinging egress doors
- Negotiates radius curves
- Extra wide panels enable it to stack in a shallower pocket than the competition

NEW! AC8200 Retrofit

- Low-cost purchase and easy install
- Self-contained, integral pocket unit
- Extra-shallow pocket depths and width for work-around of existing building features

Vertical Acting Fire Door

Safescape® T2000 Series

- Incorporates either one or two flush mounted egress doors that swing into position first
- Egress door frames then serve as side guides for the vertical coiling fire door as it descends into position
- 3-hour fire rating and conventional egress swing doors with fire exit hardware for a fast and safe exit from the space
- Defend-in-place protection – standard fire and smoke rated elevator lobby swing doors provide ingress into a safe place for building occupants to wait for help and/or fire department personnel to stage equipment

Fire & Smoke Curtain

FireFighter™ D200E (with egress) & D200 (without egress)

- A fire-rated fabric curtain with a 20-minute UL 10B and 10C rating, 90-minute with egress and 3-hour without egress UL 10D rating, and a UL 1784 smoke rating
- Flexible fabric egress door, with optional flexible pull handle, meets the requirement that it be openable from the inside without a key, tool, special knowledge or effort

Protect the point of access.

Safescape® AC8800



Currently, in the model codes, an elevator lobby is not required provided the elevator shaft opening is fire protected and all doors at the point of access to the shaft opening are smoke rated. Surpassing minimum code requirements, all McKeon assemblies are both fire and smoke rated at the point of access to an elevator, offering redundant protection when the elevator car door opens. Whether side or vertical acting McKeon door assemblies are capable of spanning extra large and curved openings. Some models are available with one or multiple egress doors.

Safescape® T2500



FireFighter™ D200E



Create an elevator lobby.

Safescape® AC8200

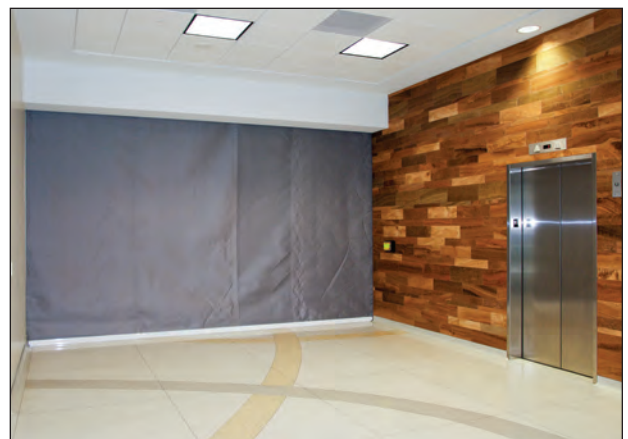


The elevator lobby is designed to isolate the elevator shaft and elevator doors as well as create a safe area of refuge. This is a less costly solution than protecting individual elevators, particularly in multiple car applications. The extensive McKeon product line includes several options that satisfy separation requirements regardless of the size of the opening or door storage issues, without compromising design.

Safescape® T2500



FireFighter™ D200



Retrofit.

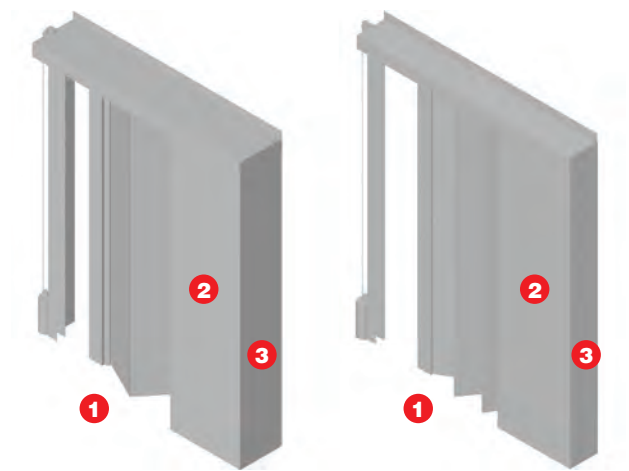
Safescape® AC8200



This simple, manually operated, bolt-up pre-fabricated unit can be installed at the point of access to any elevator car in a matter of hours. No pocket, stud or drywall construction is necessary. The door, held open by an electromagnet, is released at the command of a smoke detector and the fire and smoke rated assembly closes. Building occupants or first responders can pass through the opening as the door self-closes behind them.



	14" Panel	7" Panel
1. Shaft Opening	0' to 5'-0"	0' to 5'-0"
2. Stack Depth	18"	24"
3. Pocket Width	16"	9.5"



Redundant protection.

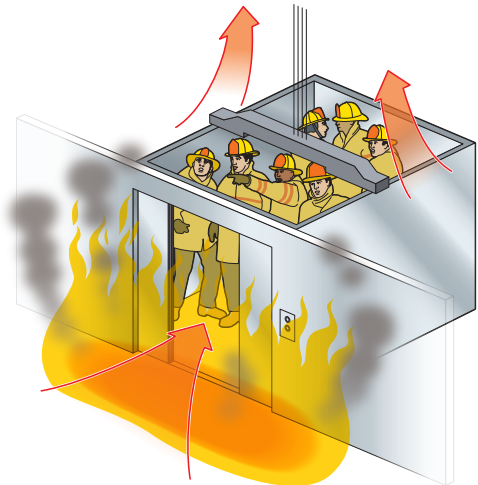
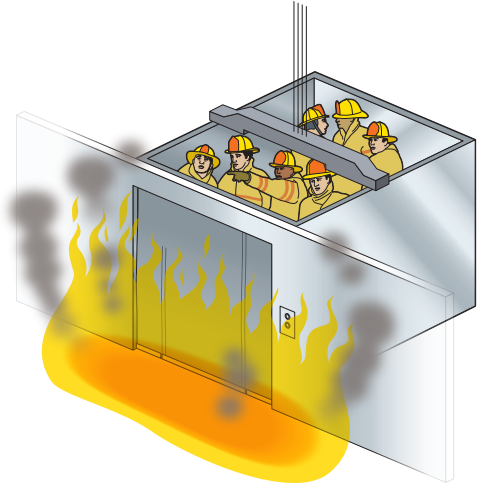
Noncompliance can prove deadly. Now there is no reason to delay. McKeon door assemblies fit most openings and budgets – large or small!

The *Chicago Tribune* recently reported a tragedy that could have been prevented had the elevator in a high-rise Type R occupancy been protected differently. A young woman, returning home with a bag of fast food, died instantly when the doors of the elevator in which she was riding opened onto the 12th floor which was engulfed in flames. The local medical examiner's office reported the cause of death as carbon monoxide intoxication and inhalation of smoke and soot.

Because the structure was not equipped with the most current fire and life safety provisions of the building code, the victim was able to use the elevator during the fire emergency. Under the current fire and life safety provisions of the code, the elevator should have been recalled to the ground floor immediately upon building fire alarm and rendered inoperable to building occupants.

However, as we examine this provision more closely as well as the other elevator shaft protection provisions in our current code, the potential for disaster still exists if any one of the components fails. Without protection of the elevator car opening itself there is nothing to shield those on the elevator – including first responders – from the 1,500+ degree temperatures, toxic fumes and gases when the elevator car doors open. Even smoke-only protective systems will have burned away leaving the occupants vulnerable.

While the code does not currently require this kind of redundant fire protection at the point of access to the elevator car in the absence of the elevator lobby, the illustrations at right make a clear and compelling case for providing BOTH smoke and fire protection.



The McKeon FireFighter™ D200E flexible fabric fire and smoke curtain with egress, shown directly below, provides an extra layer of protection from smoke and flames – and the difference between life and death.



Creative Solutions • Innovative Designs • Proven Products

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