cendrex

Fire-Rated
Access Doors

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Understanding Fire-Rated Access Doors

Fire-rated access doors maintain the integrity of walls and ceilings during a fire

They perform their full function only when the correct model is selected and properly installed. A fire-rated access door is a component designed to **preserve the fire resistance of a wall or ceiling assembly**, helping to limit the spread of flames and heat for a defined period. Its performance depends directly on compliance with tested and certified standards.

This guide serves as a clear reference for **contractors, estimators, distributors, and project managers.**

Fire-rated standards essentials

Cendrex fire-rated access doors are tested in accordance to current North American standards.

WALL STANDARDS (VERTICAL ACCESS DOORS)

UL 10B (2008 / revised 2020)	Fire exposure test for doors installed in non-pressurized fire-rated walls.
NFPA 252 (2022)	Standard test method for evaluating fire door assemblies.
CAN/ULC S104 (2015 / revised 2020)	Canadian equivalent of UL 10B, used for certifying doors installed in fire-rated wall assemblies.

CEILING STANDARDS (HORIZONTAL ACCESS DOORS)

ASTM E119 (2020 & 2024)	Fire test method for walls, floors, ceilings, and roofs ; used for access panels installed in horizontal assemblies.
CAN/ULC S101 (2014)	Canadian standard measuring fire resistance of building assemblies, including ceilings.

Intertek

Certification & Accredited Third Party

Fire-rated access doors must be tested and certified by a recognized third-party organization such as **Intertek / Warnock Hersey**.

This certification confirms that the model has successfully passed fire exposure testing and meets the required resistance criteria for wall or ceiling.

Every Cendrex fire-rated access door carries a permanent certification label ensuring:

- ✓ Test validity
- ✓ Product traceability
- ✓ Inspection compliance

Product Overview

	PFI	PFN	PFU
	LEED V4 COMPLIANT	**LEED V4** COMPLIANT	**LEED V4** COMPLIANT
FIRE RESISTANT	**Fire-Rated Insulated Access Door with Exposed Flange**	**Fire-Rated Uninsulated Access Door with Exposed Flange**	**Fire-Rated Insulated Upward Opening Access Door with Exposed Flange**
Installation	Walls and ceilings	Walls	Ceilings
Locking Mechanism	Self-latching automatic slam latch with tool key and ring lock included. Equipped with an inside panel release allowing the door to open from the inside for dire-rated doors > 12" × 12".	Self-latching automatic slam latch with tool key and ring lock included. Equipped with an inside panel release allowing the door to open from the inside for dire-rated doors > 12" × 12".	Upward opening (~89°) with gravity closing. The access door closes naturally without a spring.
Material	20-gauge galvanneal steel door. 16-gauge cold-rolled steel frame.	16-gauge cold-rolled steel.	20-gauge galvanneal steel door. 16-gauge cold-rolled steel frame.
Custom Manufacturing	Made to order in 5 days	Made to order in 5 days	Made to order in 5 days
Wall Certification	UL 10B, NFPA 252, CAN/ULC S104	UL 10B, NFPA 252, CAN/ULC S104	N/A
Wall Fire-Rating	Up to 3 hours neutral / negative pressure.	Up to 3 hours neutral / negative pressure.	N/A
Ceiling Certification	ASTM E119, CAN/ULC S101	N/A	ASTM E119, CAN/ULC S101
Ceiling Fire-Rating	Up to 3 hours in non-combustible construction and 1 hour in combustible construction.	N/A	Up to 3 hours in non-combustible construction and 1 hour in combustible construction.
Applications	Wherever code requires a fire-rated wall or ceiling.	Wherever code requires a fire-rated wall.	Wherever code requires a fire-rated ceiling.

Fire-Rated Compliance:
Before / During / After

A compliant installation depends on the coordinated integration of the access door, frame, fire-rated sealant, and the assembly.

BEFORE INSTALLATION
- Verify the correct model and orientation (wall or ceiling).
- Confirm the certification label is visible and intact.
- Inspect the rough opening: alignment, stability, no torsion.
- Perform a visual inspection of the access door.

DURING INSTALLATION
- Prepare the opening for the access door installation.
- Secure the hinge side first to provide stability.
- Confirm the frame is square (diagonals are equal).
- Ensure the remaining sides stay parallel.
- Maintain uniform clearances for smooth operation.
- If required, apply a continuous fire-rated sealant around the full perimeter.
- Depending on the model, assemble the supplied springs.

AFTER INSTALLATION
- Test full door closure three times.
- Verify the certification label remains fully visible.
- Photograph the installed access door and certification label.
- Verify proper operation of the locking mechanism.

Please refer to the installation sheet included in the product packaging for more details.

COMMON ERRORS

- Covered certification label
- Incorrect model selection
- Frame out of square

IMPACTS

- Certification cannot be verified
- Non-compliant assembly
- Access door does not close properly

SOLUTIONS

- Protect the label before finishing
- Use approved fire-rated materials only
- Verify orientation prior to installation
- Adjust frame and recheck diagonals

For over 40 years, Cendrex has been designing robust access solutions for commercial, industrial, and institutional environments.

Our Commitment

✓ ### Certified Products
Independently tested and certified to meet North American fire-rated standards.

✓ ### Quality-driven Manufacturing
Precision manufacturing ensures consistent performance, reliability, and durability.

✓ ### Made to Order in 5 Days
Custom access doors manufactured quickly without compromising quality.

✓ ### Professional Documentation
Complete technical resources including Revit (BIMobject), MasterSpec, technical datasheets, and installation guides.

Why Cendrex Pro?

Job Site Delivery
Direct delivery anywhere in North America to simplify logistics.

Resource Library
Centralized access to tools, guides, and practical resources for professionals.

Training with a Specialist
Live or on-demand training to improve installation speed and compliance.

Contractor Updates
Ongoing updates on new products, standards, and field best practices.

cendrex PRO

FOR CONTRACTORS WHO BUILD UNDER PRESSURE

A service built to keep you efficient, compliant, and on schedule, delivering the right access door when timing matters most.

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