

**FireDoor Systems**



SERIES  
640  
641

**OVERHEAD DOOR**  
INDUSTRY LEADING  
COMMERCIAL & INDUSTRIAL SOLUTIONS

## Counter Fire Doors

SERIES 640/641

### Standard Features At a Glance

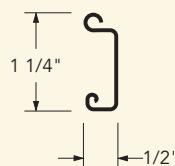
- Available with UL and FM (optional) 3-hour Class A labels for masonry fire walls
- Available with a UL 1 1/2-hour Class B label for applications in non-masonry fire walls of dry wall with wood, steel studs, or steel tube jambs
- NFPA-80 compliant
- Fusible link separates at 165°F (74°C) to automatically close the door
- Governor controls rate of door descent during a fire
- Compact box guide design for an attractive appearance
- Upward-expanding guide design for flush to countertop installation
- Flat slat curtain design in primed galvanized steel finish (640 Series) or No. 4 stainless steel finish (641 Series)
- Slide bolt locking on push-up/crank
- Maximum door sizes: face of wall – 14' 0" x 10' 0" (masonry & non-masonry); between jambs – 12' 11-1/4" x 11' 2-9/16" (masonry only), 10' 10" x 10' 10" (non-masonry)

### Options

- Flame baffle system (required for optional FM label)
- Fire Sentinel® time-delay release device
- FireLite® vision lites in 3- and 1 1/2-hour curtains
- Firestop® fire-resistant core countertops surfaced with the most popular brands of decorative laminates
- UL-listed brush-type smoke seals
- Photoelectric or ionization-type smoke detectors
- Crank or electric operation
- Electric operation does not require tension reset after drop test or closure due to power loss
- Powder-coat paint finish offered in 197 custom colors, or color-matched to architect's specification
- 20 minute UL smoke label on 640/641 doors up to 12'0" wide x 10'0" high opening

### Slat Data

F128 Slat



Series	Slat	Opening Width	Standard
640	F128	Thru 14'0" (4267 mm)	22 ga.
641	F128	Thru 14'0" (4267 mm)	22 ga. ss

Slats are galvanized and painted or stainless steel (ss).

## 640 and 641 Series. A Stylish C

The 640 and 641 Series doors are ideal for openings requiring a counter-type fire-rated door. Common applications include factories, schools, concessions, hospitals, cafeterias and retail settings. Labeled with either a 3-hour Class A rating for masonry applications, or a 1 1/2-hour Class B label in non-masonry fire walls, these doors are designed to expand upward in a fire, allowing the guides to be installed flush with the sill. Series 640 and 641 counter fire doors are UL approved and can be custom designed for conveyor openings. Their compact, box-like form also provides an attractive finished appearance that requires minimum side room. The 640 Series has exposed components made of primed galvanized steel while the 641 Series exposed components are of stainless steel. A host of standard and optional features further enhance performance of these doors for fire-rated applications.

### Built-In Safety.

The 640/641 Series doors feature fusible links. These links separate at 165°F (74°C) for ambient conditions under 100°F (38°C), or at 212°F (100°C) for ambient conditions over 100°F (38°C), to close the door automatically under governor control. These doors meet strict fire safety testing standards, including New York City (MEA) and State of California (CSFM) requirements.



### Options for Added Safety and Simplified Operation.

An array of options allows the 640 and 641 Series to be adapted to virtually any job requirement. UL-listed FireLite® vision lites in 3-, and 1 1/2-hour labels allow visual access and light infiltration. UL-listed brush-type smoke seals enhance smoke retardation properties. The choice of a crank or electric operator simplifies door operation. The doors can also be custom-designed for conveyor openings. A variety of smoke detectors, including photoelectric or ionization-type detectors, are also available when the door is equipped with the Fire Sentinel® release device.



## Counterpart to Safety for Fire-Rated Applications.



Shown with optional flame baffle for FM

### Fire Sentinel® for Fail-Safe Protection.

The Fire Sentinel® is a UL-listed, fail-safe device. This time-delay release mechanism provides a 10-second time-delay release as well as an independent 10-second time delay on power loss to control the closure of the door after an alarmed event while eliminating false closures due to momentary power outages. An intelligent operation feature on some models recognizes an already-closed door to prevent damage to the release mechanism. Fire Sentinel® is available with a battery back-up, strobe/sounder alarms and programmable multilingual enunciators to provide advanced protection against fire.

### The Choice of Galvanized or Stainless Steel.

Whether you opt for a 22-gauge galvanized steel (640 Series) or a 22-gauge stainless steel (641 Series), these doors deliver

unparalleled strength, durability and aesthetic appeal. The 640 Series features a flat interlocking steel curtain that is factory-finished with a rust-inhibited roll coating process that incorporates a baked-on primer and polyester top coat to eliminate field painting and improve finish life. The 641 Series' stainless steel slats are offered with a No. 4 finish for long-lasting good looks.

### Fire-Rated Countertop for Integrated Design.

The 640 and 641 Series are available with a 1 1/2-hour rated countertop that allows you to coordinate design details with an added measure of safety against fire. The fire-rated countertop features a fire-resistant core and is available in a variety of decorative laminate finishes.

## The Original, Innovative Choice for Unequalled Quality and Service

Overhead Door Corporation pioneered the upward-acting door industry, inventing the first upward-acting door in 1921 and the first electric door operator in 1926. Today, we continue to be the industry leader through the strength of our product innovation, superior craftsmanship and outstanding customer support, underscoring a legacy of quality, expertise and integrity. That's why design and construction professionals specify Overhead Door Corporation products more often than any other brand.

The red Overhead Door Ribbon is a mark of quality that also reflects the pride we take in the people who support our products. Our family of over 450 Ribbon Distributors across the country not only share our name and logo, but also our commitment to excellence. Your Ribbon Distributor will work with you in a consultative role to ensure that product selections achieve your design and application requirements — in addition to offering expert installation, professional field service and ongoing maintenance. From project design and manufacturing to installation and service, the Overhead Door Ribbon is your guarantee of genuine quality and turnkey service excellence.

**Together with our Ribbon Distributors, we offer comprehensive technical information and resource materials to support your project, including:**

- Architectural Design Manual – a comprehensive guide to selecting, specifying and detailing all commercial and industrial Overhead Door products
- Sweet's Catalog for selection information about our products, and Sweet's CD and CD-CAD for convenient electronic product information, technical specifications, and details with CAD "cut-and-paste" capability
- Operation & Maintenance Manual – detailed product information, customized for your project, to ensure reliable, long-life door system operation
- Custom application and technical assistance through ordering plants' customer service and technical services respectively
- Visit our Architect's Corner at [www.OverheadDoor.com](http://www.OverheadDoor.com)



Advanced Rolling Steel Door  
RapidSlat®



Thermacore® Sectional Doors



Rolling & Side Folding  
Security Grilles & Closures



Rolling Service Doors



Commercial Operators

Today, Overhead Door Corporation—along with our Horton Automatics division, for automated pedestrian entrances—is recognized as the leading, single-source manufacturer of integrated door and operator systems for commercial, industrial and residential applications. With multiple manufacturing locations throughout the United States, a state-of-the-art TREQ (Testing, Reliability, Engineering, and Quality) Center for design and engineering, and a national network of authorized Ribbon Distributors, our capabilities are leading-edge and our field service and technical support second to none. Built best and backed best, Overhead Door is the industry's leading choice for quality that shows and lasts.

**To talk with the Overhead Door distributor nearest you, call 1-800-929-DOOR.**

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*The Overhead Door Corporation family of quality commercial and industrial products includes:*



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