

#### FIVE FINISH OPTIONS:

- White Topcoat
- Tan Topcoat
- Gray Topcoat
- Galvanized

*Envirocron Finish is available in a variety of color options*

40-year film integrity and a 25-year no-chalk/no-fade limited paint warranty.

#### STANDARD FEATURES:

**Bottom Bar:** Structural steel two-piece angle bottom bar (back to back) with weather seal.

**Weatherstrip:** Perimeter Brush Seal

**Chain Hoist:** Operation standard with fusible link kit with 30' cable.

**Springs:** Oil tempered, grease packed helical torsion springs designed to cycle 25,000 times.

**Bracket Plates:** Brackets (head plates) are fabricated from 1/4" minimum thickness steel plates.

**Auto Reset:** Easy and fast Fire Door drop test for both chain hoist operation and electric motor.

**Envirocron Powder Coat Black at Factory:** Guides, bottom bars, and headplates.

## PROTECTION. INSULATION. STRENGTH.

**ASTA AMERICA 500i SERIES INSULATED ROLLING FIRE DOOR** is designed and manufactured for use on openings where a fire-rated and insulated door is required. The 500i Series Insulated Rolling Fire Door is provided in 3" – 22, 20, or 18-gauge flat front slats with a 24-gauge steel backer slat and semi-rigid mineral wool insulation for high-temperature industrial applications. It offers an R-Value of 3.85 for improved thermal performance. This fire door mounts to steel, concrete, masonry block (filled or hollow), and is available in sizes up to 30' wide and 24' high (not to exceed 600 square feet). The 500i Series is manufactured to the highest standards, featuring space-saving designs with user-friendly operation. The fail-safe operating system is activated by fusible links, smoke detectors, or can be wired to a central alarm system by one of our release devices.



## OPTIONS

**Fire Ratings:** 45 minute, 1-1/2 hour, 3 hour, and 4 hour (18-gauge only).

**Automatic Closing Devices:** XP, XPBB, AFCB.

**Detection and Activation Device:** Smoke Detector, 165° Fusible Links, Horn and Speaker Strobe, and Heat Detector can be added to the building central alarm system or stand alone with a closing device.

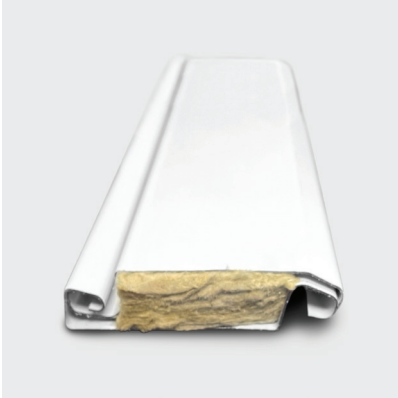
**Optional Mounting:** Between Jamb under lintel (fascia required) and Between Jamb above lintel.

**Smoke Seal:** Perimeter seal in accordance with UL 1784 to reduce smoke and air infiltration through the door opening.

**Weatherstrip:** Flame Baffle and Jamb Seal helps prevent smoke infiltration through the header and jamb.

**High Cycle Springs:** Available in 50,000 cycles and 100,000 cycles.

## 500i SERIES ROLLING FIRE DOOR



**SLAT PROFILE:** Manufactured from commercial-grade galvanized steel and coated with super durable polyester paint backed by a 40-year film integrity and 25-year no-fade paint warranty. Mineral wool thermal insulation, effective insulating value to be R=3.85.



**GRIFCO HOIST:** Durable and reliable hoist for both normal operation and emergency descent of the door in case of fire.



**FIRE DOOR ELECTRIC OPERATORS:** Standard features include time-delayed automatic closing, auto reset overload protection, monitored battery back-up, low battery warning, keyed test station, continuous duty motor, detector/alarm input, 24-volt control circuit, 3-button station open/ close/stop, NEMA 1 enclosure and is U.L. listed.



**RELEASE DEVICES:** Fail-safe mechanism that responds to fire alarm signals or heat-triggered events, ensuring the controlled release of doors in emergencies.



**TEST DOOR:** Active Asta America test door performed at UL facility.



**SMOKE SEAL/WEATHERSTRIP:** Smoke seals act as a barrier to prevent smoke from spreading through door gaps, which is crucial for protecting occupants during a fire and maintaining escape routes.

MODEL	SLAT PROFILE	SLAT MATERIAL	SLAT SIZES	MAX SIZE	COLORS/FINISHES	UL LABEL
522i	Flat-265	22/24 ga Cold Rolled Galvanized Steel - Insulated R=3.85	Flat 2-5/8" x 5/8"	18'x24'	White/Gray/Tan/ Galvanized/Powder Coat	3/4hr, 1-1/2hr, 3hr
520i	Flat-265	20/24 ga Cold Rolled Galvanized Steel - Insulated R=3.85	Flat 2-5/8" x 5/8"	24'x24'	White/Gray/Tan/ Galvanized/Powder Coat	3/4hr, 1-1/2hr, 3hr
518i	Flat-265	18/24 ga Cold Rolled Galvanized Steel - Insulated R=3.85	Flat 2-5/8" x 5/8"	30' Wide or 24' High (not to exceed 600 sq ft)	White/Gray/Tan/ Galvanized/Powder Coat	3/4hr, 1-1/2hr, 3hr, 4hr

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For more information on the **500i Series**, please visit:  
[ASTAAmerica.com](http://ASTAAmerica.com) or email us at: [marketing@ASTAAmerica.com](mailto:marketing@ASTAAmerica.com)