

**FIRE RATING: 45/60/90 MINUTES**

FIRE-RATED SELF-CLOSING SWINGING DOOR

**PRODUCT DESCRIPTION**

Optimum's 45-90 Minute Fire-Rated Doors are used in non-temperature rise applications and through various glazing options, can be modified to address most fire-rated applications. Its narrow profiles provide open vision areas that allow natural daylight without compromising life-safety and design flexibility. The entire Fire-Rated line has been through rigorous testing. Initially, a "heat test" is performed where the door is exposed to temperatures up to 1600 degrees Fahrenheit. They will then endure the "Hose Stream Test", wherein which the glass holds fast even during this extreme change in temperature. Where other units of different material will react poorly when placed under these extreme conditions, Optimum's Fire-Rated Steel Door will hold and maintain its integrity.



UL CLASSIFIED & LABELED



NON-TEMPERATURE RISE



DOOR APPLICATION



HOSE STREAM TESTED



POSITIVE PRESSURE

**AUTHORIZED DIMENSIONS**

	<b>45/60 Mins</b>	<b>90 Mins</b>
Min. Frame Dimensions	36" x 80"	36" x 80"
Max. Frame Dimensions	46" x 98"	46" x 98"
Max. Exposed Glazing Area	3,204 in <sup>2</sup>	2,034 in <sup>2</sup>

**FEATURES**

- Fire ratings of 45-90 minutes
- Cold rolled sections formed from GALVANIZED STEEL
- Mitered & Welded steel construction
- Doors equipped with fire resistant hinges and door closer
- Can accommodate glazing ranging from 3/16" to 1" in O.A. thickness
- EPDM and silicon pile weather-stripping
- Narrow steel profiles
- 2 3/16" exterior frame depth
- Single leaf or double leaf design available
- Zinc Enrich Epoxy Primer
- Powder coated finish
- Factory glazed with mechanically fastened steel glazing beads

**NOTE:** This product is not intended for use in locations requiring a barrier to radiant heat.

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**STANDARD HARDWARE:**

- Hinges
- Surface mounted door closer
- Single mortise lock
- Drop Seal & Door Sweep

**LISTINGS/STANDARDS**

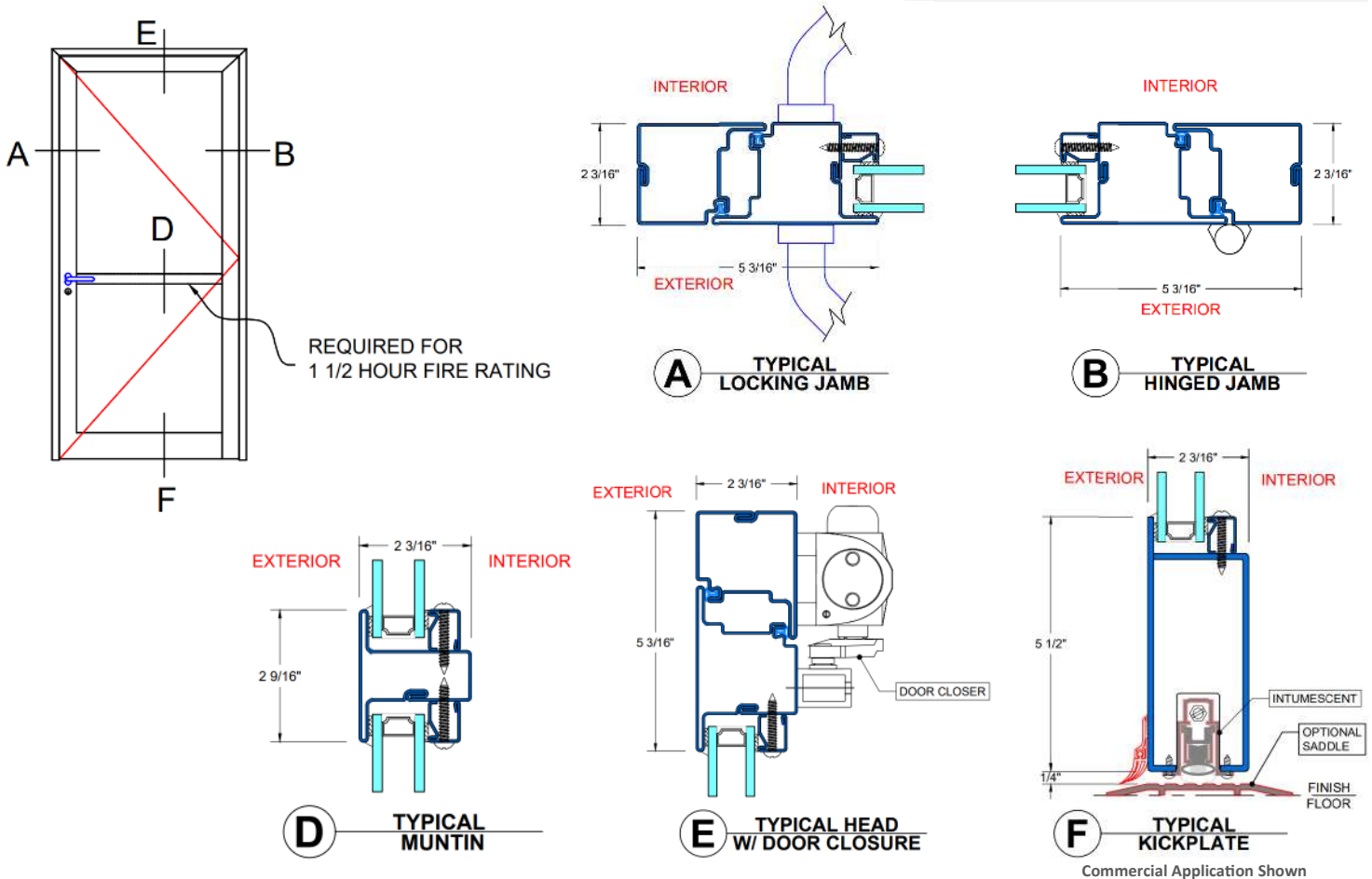
Classified and labeled by Underwriters Laboratories Inc.® and Underwriters Laboratories of Canada®. File numbers R12349. Tests performed in accordance with:

UL 9	NFPA 80	ASTM E283	NFRC 100
UL10C	NFPA 257	ASTM E331	NFRC 200
		ASTM E330	NFRC 400
			NFRC 500

**AVAILABLE OPTIONS:**

- Non-Metallic Custom Color match
- Inswing or Outswing
- Panic Exit Device
- Insulated Glass Units available
- Safety Ceramic Glass w/ Surface Applied Film
- Laminated Safety Ceramic Glass
- Low-E Coated IGU
- Surface Applied Grids (spacers between glass n/a)
- Two-Tone Finishes
- Break Metal for Trim

**DETAILS:** For complete set, visit: [www.OptimumWindow.com](http://www.OptimumWindow.com)



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