



UPSTATE DOOR®

DISTINCTIVE DOOR SOLUTIONS

FIRE RATED DOORS

Rated with Design

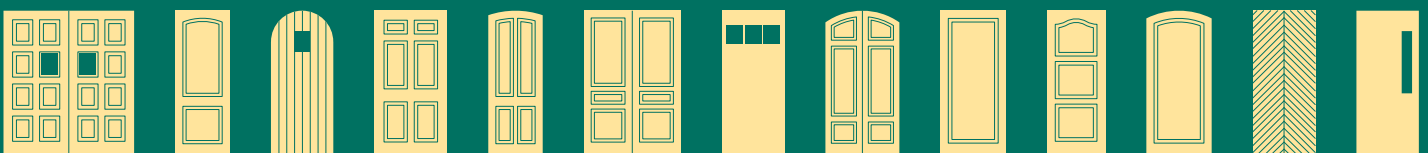
Traditional metal fire doors can be unattractive – taking away from the architectural design and elegance of your home. The beauty of a fire rated door by Upstate Door is that you don't have to sacrifice design!



Our custom hardwood fire doors will not only safeguard your home but will also add to its style. You can rest assured that your loved ones are protected. Available in countless custom layouts, all of our fire doors are available with the following solutions:

- FyreWerks core for all doors and wood jambs
- 20, 45, 60 and 90 minute door ratings
- 20, 45, 60 and 90 minute jamb ratings
- Paint grade or stain grade doors and jambs
- Wood or metal jamb options (some restrictions apply)
- Flat or rabbeted jambs
- Flat or raised panels
- Single bore, double bore or mortise
- Custom machining available for concealed vertical rods (not available in 90 minute), concealed auto closers (in 20 minute only), auto door bottoms, flush bolts and peep holes

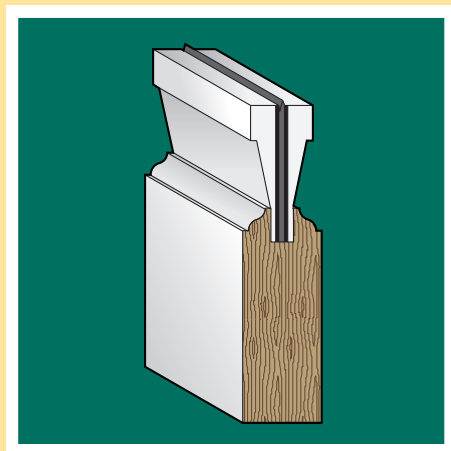
Let Upstate Door meet your distinctive door solution by customizing a fire door to meet your needs.



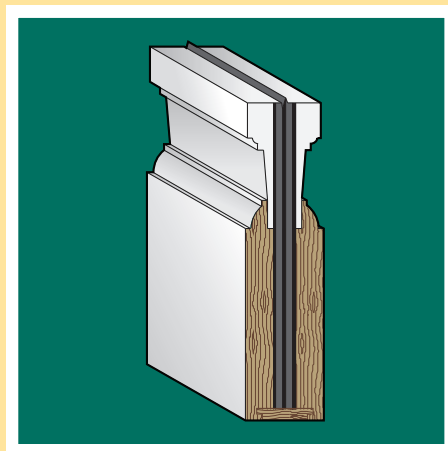
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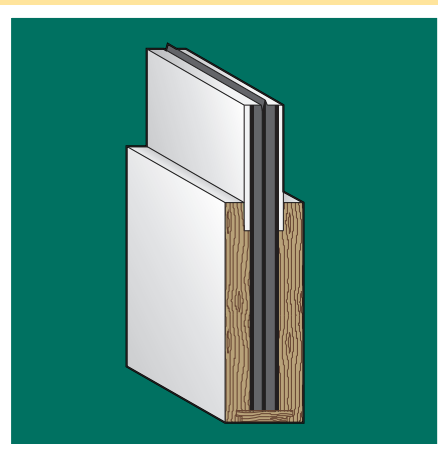
20 Minute Fire Rating



45/60 Minute Fire Rating



90 Minute Fire Rating



All Fire Rated doors must meet the following requirements:

- 1 3/4" minimum door thickness
- 4 1/4" minimum stile
- 4 1/4" minimum top rail
- 4 5/8" minimum jamb width

Fire Door Categories

Category A:

- FyreEdge concealed in edge of door
- No added edge-sealing system required

Category B:

- No FyreEdge in edge of door
- Category "G" edge-sealing gasketing system

Applicable Standards:

- ASTM E-152-81a, UL10(c)(1998), UBC 7-2(1997), UL10(b)(1997)
- NFPA 252(1999), ASTM E-2074(2000), CAN/ULC S104 1980 (R1985)

Additional Fire Rated Door Guidelines

	<i>Minimum bottom rail</i>	<i>Maximum door size</i>	<i>Maximum jamb size</i>
20 minute	6"	4'0" x 8'0" single 7'0" x 8'0" pair	4'0" x 8'0" single 8'0" x 8'0" pair
45 minute	6"	4'0" x 8'0" single 7'0" x 8'0" pair	4'0" x 8'0" single
60 minute	8.25"	4'0" x 8'0" single 7'0" x 8'0" pair	4'0" x 8'0" single
90 minute	8.25"	4'0" x 8'0" single	3'6" x 8'0" single

Fire Rated Glass Guidelines *(some restrictions apply)*

	<i>Maximum size</i>	<i>Maximum sq. in.</i>
20 minute	30" x 54"	1296"
45 minute	26" x 48"	1248"
60 minute	10" x 25"	100"
90 minute	10" x 25"	100"

For 60 and 90 minute, glass must be in a metal frame.



FYREWERKS Inc.



UPSTATE DOOR
FINE DOOR SOLUTIONS... ONE SOURCE

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