

## 45-Minute Fire Door Specifications

45-Minute Positive Pressure Category "A" MDF Doors

45-Minute Positive Pressure Category "A" Wood Doors

### Maximum Sizes

Singles	3'6" x 8'0"
Pairs	7'0" x 8'0"
Thickness	1-3/4" minimum

### Panel Construction

Raised Panel	
MDF Doors	1-3/4" minimum
Wood Doors	1-1/4" minimum
Flat Panel	3/4" minimum

### Standard Dimensions

Stile <sup>1</sup>	5"
Top Rail <sup>2</sup>	5"
Bottom Rail	8-1/4"
Intermediate Stile/Rail	2" minimum

### Hardware Machining Options\*

Hinges	Per NFPA80
Locksets	1/2" minimum bolt throw
Cylindrical Lock	2-1/8" bore, 2-3/4" backset
Mortise Lock <sup>1</sup>	Listed locks
Dead Bolt	2-1/8" bore, 2-3/4" backset (minimum 5" above latch cutout)
Fire Exit Device	Surface mounted vertical rod Rim-type surface mounted exit device Mortise type exit device Concealed vertical rod
Closing Device <sup>2</sup>	Surface mounted
Viewer	Listed viewers
Flush Bolt	Surface mounted manual Mortise manual Mortise automatic (DCI 960/962 Series)
Auto Door Bottom	Surface mounted Mortised
Kick Plate <sup>3</sup>	Top maximum 16" from door bottom
Raceway	1/2" x 1/2" maximum cutout

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\* Only hardware listed and labeled for use with 45-minute wood fire doors may be installed. Consult factory for configurations not shown.

<sup>1</sup> Certain mortise locks may require a 6" minimum stile

<sup>2</sup> 6" top rail is recommended for certain closing devices

<sup>3</sup> Unless approved by kick plate manufacturer