

## 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- <sup>3</sup> / <sub>4</sub> " minimum

### Panel Construction

Raised Panel	
MDF Doors	1- <sup>3</sup> / <sub>4</sub> " minimum
Wood Doors	1- <sup>1</sup> / <sub>4</sub> " minimum
Flat Panel	<sup>3</sup> / <sub>4</sub> " minimum

### Standard Dimensions

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

### Acoustic Rating

Consult factory for accoustical ratings

### Hardware Machining Options\*

Hinges	Per NFPA80
Locksets	<sup>1</sup> / <sub>2</sub> " minimum bolt throw
Cylindrical Lock	2- <sup>1</sup> / <sub>8</sub> " bore, 2- <sup>3</sup> / <sub>4</sub> " backset
Mortise Lock <sup>1</sup>	Listed locks
Dead Bolt	2- <sup>1</sup> / <sub>8</sub> " bore, 2- <sup>3</sup> / <sub>4</sub> " backset (minimum 5" above latch cutout)
Fire Exit Device	Surface mounted vertical rod Rim-type surface mounted exit device Mortise type exit device
Closing Device <sup>2</sup>	Surface mounted Concealed arm track
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 <sup>4</sup>	Available

\* 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 wider minimum stile

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

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

<sup>4</sup> Availability and size may vary based on listing