20-Minute Fire Door Specifications

20-Minute Positive Pressure Category “A” MDF & Wood Doors
20-Minute Positive Pressure Category “B” MDF & Wood Doors
20-Minute Neutral Pressure MDF & Wood Doors

**Maximum Sizes**

- **Singles**: 4’0 x 8’0
- **Pairs**: 8’0 x 8’0
- **Thickness**: 1-3/4” minimum

**Panel Construction**

- **Raised Panel**: 1-3/8” minimum
- **Flat Panel**: 1-1/4” minimum

**Minimum Panel Size**

- **MDF Doors**: 2-3/4” x 2-1/4”
- **Wood Doors**: 5” x 5”

**Maximum Panel Size**

- **MDF Doors**: 36-3/4” x 82-3/4”
- **Wood Doors**: 32” x 74-1/4”

**Lite Construction**

- **Maximum Lite Size**: 38” x 82-3/4”
- **Maximum Lite Area**: 3,145 in²
- **Glass Type**: 1/4” FireGlass 20 (no hosestream)
  3/16” FireLite NT (hosestream)

**Standard Dimensions**

- **Stile**: 5” minimum
  6” minimum for glass doors
- **Top Rail**: 5” minimum
- **Bottom Rail**: 8-1/4” minimum
- **Intermediate Stile/Rail**: 2” minimum
  3-1/2” minimum for glass doors

**Accoustic Ratings**

Consult factory for acoustical ratings

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**Hardware Machining Options**

- **Hinges**: Per NFPA80
  1/2” minimum bolt throw
- **Locksets**: 2-1/4” bore, 2-3/4” backset
- **Cylindrical Lock**: Listed locks
- **Dead Bolt**: 2-1/4” 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**
- **Closing Device**: Surface mounted
- **Concealed arm track**
- **Viewer**: Listed viewers
- **Flush Bolt**: Surface mounted manual
- **Mortise manual**
- **Automatic**
- **Auto Door Bottom**: Surface mounted
  Mortised
- **Kick Plate**: Top maximum 16” from door bottom
- **Raceway**: Available

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* Only hardware listed and labeled for use with 20-minute wood fire doors may be installed. Consult factory for configurations not shown.

1 Certain mortise locks may require a wider minimum stile

2 6” top rail is recommended for certain closing devices

3 Unless approved by kick plate manufacturer

4 Availability and size may vary based on listing