



DC



Architectural Concepts / Door Collection

20-MINUTE FIRE DOOR SPECIFICATIONS

Maximum Sizes

Singles	4' x 8'
Pairs	8' x 8'
Thickness	1 3/4" min

Panel Construction

Raised Panel	1 1/8" min
Flat Panel	3/4" min

Minimum Panel Size

MDF	2 3/4" x 2 3/4"
-----	-----------------

Maximum Panel Size

MDF	36 3/4" x 82 1/2"
-----	-------------------

Lite Construction

MAX Lite Size	38" x 82 3/4"
MAX Lite Area	3,145 sq. in.
Glass Type	1/4" FireGlass 20 (No hosestream) 3/16" FireLite NT (hosestream)

Standard Dimensions

Stile	5" min 6" min for glass doors
Top Rail	5" min
Bottom Rail	8 1/4" min
Inter. Stile/Rail	2" min 3 1/2" min for glass doors

Acoustic Ratings

Consult factory

Warranty

Limited lifetime warranty

Hardware Machining Options

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

Hinges	Per NFPA80
Locksets	1/2" minimum bolt throw
Cylindrical Lock	2 1/8" bore, 2 3/4" backset
Mortise Lock	Listed Locks (Certain mortise locks may require a wider minimum stile)
Deatbolt	2 1/8" bore, 2 3/4" backset (min 5" above latch cutout)
Fire Exit Device	Surface mounted vertical rod Rim-type surface mounted exit device
Closing Device	Surface mounted concealed arm track (6" top rail is recommended for certain closing devices)
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 (Unless approved by kick plate manufacturer)
Raceway	Available (Availability and size may vary based on listing)

Architectural
Concepts

O (888) 248 2724
E info@archconceptsllc.com

18505 Longs Way
Parker, CO 80134

archconceptsllc.com