



Karona Fire Door Options & Restrictions

All dimensions are in inches unless otherwise indicated.		20 Minute Neutral		20 Minute Positive		45/60 Minute Positive		90 Minute Positive	
		Min	Max	Min	Max	Min	Max	Min	Max
Door Single (Cat A&B)	Width	na	48	na	48	na	48	na	48
	Height	na	108	na	96	na	96	na	96
	Thickness	1.75	na	1.75	na	1.75	na	1.75	na
Door Pair (Cat A&B)	Width	na	96	na	84	na	84	na	84
	Height	na	108	na	96	na	96	na	96
	Thickness	1.75	na	1.75	na	1.75	na	1.75	na
Stiles & Rails	Stiles	4	na	4	na	4	na	5	na
	Top Rail	4	na	4	na	4	na	5	na
	Bottom Rail	6.625	na	6	na	6	na	6	na
	Center Rail & Mullions	2	na	2	na	na	na	na	na
	Sticking Options	Ogee, Ovolo, Mission, Square, Classic, Special		Ogee, Ovolo, Mission, Square, Classic, Special		Ogee, Ovolo, Mission, Square, Classic, Special		Ogee [^] , Ovolo, Mission, Square, Classic [^] , Special	
Face Molding	Available		Available		Available		Available		
Panels	Raised Panel Width	6	40	6	40	na	na	na	na
	Raised Panel Height	6	85	6	85	na	na	na	na
	Flat Panel Width	6	40	6	40	na	na	na	na
	Flat Panel Height	6	85	6	85	na	na	na	na
	Panel Options	Raised, Flat, Step, Rim-Band, Arch, Radius, Lafayette		Raised, Flat, Step, Rim-Band, Arch, Radius, Lafayette		Raised, Flat, Step, Rim-band, Arch, Radius, Lafayette		Raised, Flat, Step, Rim-band, Arch, Radius, Lafayette	
	V-Groove Options	Raised, Step & Flat		Raised, Step & Flat		Raised, Step & Flat		Raised & Step	
Glass	Glass Width	4	26	4	26	3	na	3	na
	Glass Height	4	40	4	40	3	na	3	na
	Glass Area (Sq. Inch)	na	1040	na	1040	na	1216	na	1216
	Light to Lock Restriction	5	na	1	na	1.625	na	na	na
	Glass Options	Open for glass, Must be 1/4" rated glass, Fire clips mandatory		3/16 Ceramic or Pyroswiss	1/4	3/16 Ceramic Radius, Arch, & Circle Glass Available		3/16 Ceramic w/ Listed Vision Kit	
Machining	Machining Restrictions & Options	Positive latching hardware with a listed closer or spring hinge ^(a) must be used. Concealed closers available on 20-90 minute doors.							
		Concealed verticle rods (CVR) available with up to 60 min							
		90 minute double egress pair available up to 2.25" x 8' x 10'							
		AA or RR tops available with up to 60 min							
		Wire raceways allowable in most doors							
		Listed viewers can be used up to 1" in diameter							
	Surface & Mortise auto bottoms (1 x 1-3/4)								
Fire Treated EB-Pair Req'd?	Yes	No	No	No	No	No	No	No	

Some combinations of options limit features and require an alternate construction that may include additional charges.

[^] Ogee & Classic not available in 1.75" 90 min pair.

^(a) Not available in CC construction.

na - not applicable

Typical Karona Fire Door Cross Sections

