

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	Width	24	48	24	48	24	48	24	48	
	Height	72	108	72	96	72	96	72	96	
	Thickness	1.75	2.25	1.75	2.25	1.75	2.25	1.75	2.25	
Door Pair	Width	48	96	48	84	48	84	48	84	
	Height	72	108	72	96	72	96	72	96	
	Thickness	1.75	2.25	1.75	2.25	1.75	2.25	2.25	2.25	
Stiles & Rails	Stiles	4	12	4	12	4	12	5	12	
	Top Rail	4	12	4	12	4	12	5	12	
	Bottom Rail	4	18	6	18	6	18	6	18	
	Center Rail & Mullions	2	18	2	18	2	18	2	18	
	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	26	1	40	9.375	40	
	Raised Panel Height	6	85	6	51	1	88	6.125	88	
	Flat Panel Width	6	40	6	26	1	40	6.125	40	
	Flat Panel Height	6	85	6	51	1	88	9.375	88	
	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	25.75	4	54	4	36	
	Glass Height	4	40	4	39.75	4	54	4	36	
	Glass Area (Sq. Inch)	16	1040	16	988	16	1296	16	600	
	Light to Lock Restriction	5	48	1.188	48	1.188	48	1.188	48	
	Glass Options	Open for glass option	Wire		Wire		Wire		Wire	
		Must be 1/4" rated	Firelite		Firelite		Firelite		Firelite	
Fire clips mandatory		Firelite Plus		Firelite Plus		Firelite Plus		Firelite Plus		
Machining	Machining Restrictions	Positive latching hardware with a listed surface mount closer or spring hinge must be used. Concealed closers available on 20-90 minute doors.								
		Concealed vertical rods (CVR) available up to 60 minute.								
		Double egress pair available up to 90 minute.								
		Wire race ways allowable in all doors								
		AA & RR tops available up to 60 minutes								
		Listed viewers can be used up to 1" diameter.								
	Surface & Mortise auto bottoms (1 x 1.75)									
Fire Treated EB-Pair?	Yes	No	No	No	No	No	No	No		

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

(a) Not available in CC construction