



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	42	na	42	na	42
	Height	na	108	na	96	na	96	na	96
	Thickness	1.75	na	1.75	na	1.75	na	2.25	na
	Thickness (alt)*	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	2.25	na
	Thickness (alt)*	1.75	na	1.75	na	1.75	na	1.75	na
Stiles & Rails	Stiles	4	na	5	na	5	na	5	na
	Stiles (alt)*	4	na	4	na	5	na	5	na
	Top Rail	4	na	4	na	5	na	5	na
	Top Rail (alt)*	4	na	4	na	4	na	5	na
	Bottom Rail	6.625	na	8.5	na	8.5	na	8.5	na
	Bottom Rail (alt)*	6	na	6	na	6	na	5	na
	Center Rail & Mullions	3	na	3.625	na	4	na	4	na
	Center Rail & Mullions (alt)*	2	na	2	na	2	na	2	na
	Sticking Options	Ogee, Ovolo, Mission, Square		Ogee, Ovolo, Mission, Square		Ogee, Ovolo, Mission, Square		Ogee ^A , Ovolo, Mission, Square	
	Face Molding	Available		Available		Available		Available	
Panels	Raised Panel Height	6	85.125	9.375	52	9.375	46.75	9.375	46.75
	Raised Panel Height (alt)*	6	85	6	85	6	85	6	85
	Raised Panel Width	6	32	6.125	26	6.125	32	6.125	32
	Raised Panel Width (alt)*	6	32	6	32	6	32	6	32
	Flat Panel Width	6.125	26	6.125	26	6.125	32	6.125	32
	Flat Panel Width (alt)	6	32	6	32	6	32	6	32
	Flat Panel Height	9.375	52	9.375	52	9.375	46.75	9.375	46.75
	Flat Panel Height (alt)*	6	85	6	85	6	85	6	85
	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	10	na	na
	Glass Width (alt)*	na	na	na	na	3	26**	na	na
	Glass Height	4	40	4	40	3	33	na	na
	Glass Height (alt)*	na	na	na	na	3	48**	na	na
	Glass Area (Sq. Inch)	na	1040	na	1040	na	300 [^]	na	na
	Glass Area (Sq. Inch) (alt)*	na	na	na	na	na	1248**	na	na
	Light to Lock Restriction	5	na	1	na	1.625	na	na	na
	Glass Options	Open for glass option		Wire		Wire		No Glass Options	
		Must be 1/4" rated		Firelite		Firelite			
Fire clips mandatory		Firelite Plus		Firelite Plus					
Machining	Machining Restrictions	Positive latching hardware with a listed surface mount closer or spring hinge ^(a) must be used							
		No concealed verticle rods (CVR)							
		No double egress pair							
		No raceways							
		No AA or RR tops							
		Listed viewers can be used							
	Surface & Mortise auto bottoms (alternate construction may apply)*								
Fire Treated EB-Pair?	Yes	na	na	na	na	na	na	na	

* Alternate construction - may include additional charges.

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

** 45 min only

^{^^} Can have up to 3 - 100 sq in panes

^(a) Not available in alternate construction.

na - not applicable