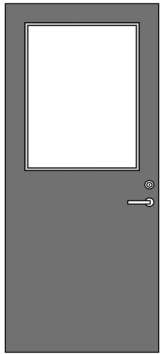




Single Steel Security Door

Fire Rated Door Options



SAMPLE ELEVATION

For additional elevations, see [Doors > Elevations](#)

SIZE	FIRE RATING	MATERIAL	DOOR TYPE	CONSTRUCTION
51 X 120	3/4 Hour	18 Gauge	Steel Stiffened Core	Max. 24 X 24 Listed Louver 10" Min. Bottom Rail
	1 Hour	16 Gauge	Honeycomb Core	6" Min. Stile & Rail (1, 1-1/2, 3 HR) 3-3/8" Min. Stile & Rail (3/4 HR)
	1-1/2 Hour	14 Gauge	Temperature Rise Core	Glass Size per Glass Manufacturer
	3 Hour	12 Gauge	Polystyrene Core	Cladding
				Astragal Required
				Open Seam
				Edge Welded

NOTE: Above door data varies depending on specific design criteria

Fire Rated Glass & Glazing Options

GLASS TYPE	THICKNESS	MAX WIDTH	MAX HEIGHT	MAX SQ IN	GLASS BRAND
3/4 Hour Fire Rated Doors with Glass					
Wire Glass	.25"	30"	90"	2,019	Multiple
Wire Glass (Glazed with intumescent tape)	.25"	34"	84"	2,856	Multiple
Ceramic Glass	.187"	36"	89"	3,205	FireLite®
Laminated Glass	.625" - 1.37"	87.625"	87.625"	3,855	Pyrobel®
Gel-Filled Glass	.75"	124.25"	124.25"	4,952	SuperLite®
1 Hour Fire Rated Doors with Glass					
Ceramic Glass	.187"	36"	89"	3,204	FireLite®
Laminated Glass	1" - 1.875"	87.625"	87.625"	3,855	Pyrobel®
Gel-Filled Glass	1.125"	124.25"	124.25"	4,952	SuperLite®
1-1/2 Hour Fire Rated Doors with Glass					
Ceramic Glass	.187"	36"	56.5"	2,034	FireLite®
Laminated Glass	1.375" - 2.125"	36"	61"	2,196	Pyrobel®
Gel-Filled Glass	1.5"	124"	124"	4,876	SuperLite®
3 Hour Doors with Glass					
Ceramic Glass	.187"	12"	33"	100	FireLite®

For additional glass data, see [Fire Rated Glazing Criteria](#)

All Stiles Fire Rated assemblies are built-to-order to your exact specifications. For assistance with design, labeling requirements and multiple integrated features, contact factory.



Steel Door + Window Systems

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