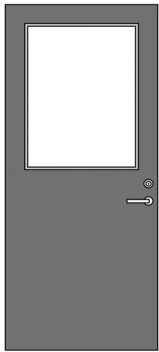




# Single Half Glass Door



SAMPLE ELEVATION

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

## Fire Rated Door Options

SIZE	FIRE RATING	MATERIAL	DOOR TYPE	CONSTRUCTION										
				Max. 24 X 24 Listed Louver	10" Min. Bottom Rail	6" Min. Stile & Rail (1, 1-1/2, 3 HR)	3-3/8" Min. Stile & Rail (3/4 HR)	Glass Size per Glass Manufacturer	Astragal Required					
Max. Opening Size (in.)	3/4 Hour	14 Gauge	Steel Stiffened Core											
	1 Hour	16 Gauge	Honeycomb Core											
	1-1/2 Hour	18 Gauge	Temperature Rise Core											
	3 Hour	14 Gauge	Polystyrene Core											
				Edge Welded										
				Open Seam										
48 X 96	3/4 Hour	14 Gauge	Steel Stiffened Core											
51 X 120	3/4 Hour	14 Gauge	Steel Stiffened Core											

NOTE: Above door data varies depending on specific design criteria

## Fire Rated Glass & Glazing Criteria

GLASS TYPE	THICKNESS	MAX WIDTH	MAX HEIGHT	MAX SQ IN	GLASS BRAND
<b>3/4 Hour Fire Rated Doors with Glass</b>					
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®
<b>1 Hour Fire Rated Doors with Glass</b>					
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®
<b>1-1/2 Hour Fire Rated Doors with Glass</b>					
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®
<b>3 Hour Doors with Glass</b>					
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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Stiles Custom Metal Inc  
1885 Kinser Road  
Ceres CA USA 95307

T 209 / 538-3667  
F 209 / 538-2776

[www.stilesdoor.com](http://www.stilesdoor.com)