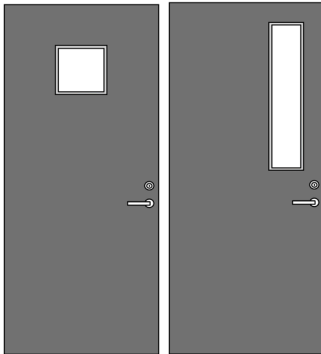




Single Vision Lite Door



SAMPLE ELEVATIONS

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

Fire Rated Door Options

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

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
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.

Stiles®

Steel Door + Window Systems

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