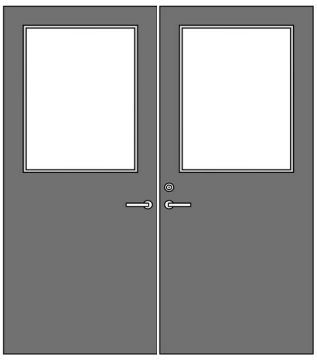
Stainless Steel Door Pair

FIRE RATED



SAMPLE ELEVATION

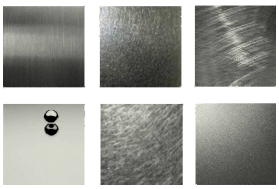
For additional elevations, see Doors > Elevations

Fire Rated Door Options

SIZE	FIRE RATING				MATERIAL			DOOR TYPE				CONSTRUCTION								
Max. Opening Size (in.)	3/4 Hour	1 Hour	1-1/2 Hour	3 Hour	18 Gauge	16 Gauge	14 Gauge	Stainless Steel Stiffened Core	Stainless Steel, Honeycomb Core	Stainless, Temperature Rise Core	Stainless Steel, 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
[a]96 X 96	■	■	■		■	■	■	■	■	■	■	■	■			■	■	■	■	
[b]102 X 120	■	■	■	■	■	■	■	■		■		■	■			■	■	■	■	

[a] Alloy 304 Stainless Steel
[b] Alloy 430 Stainless Steel

NOTE: Above door data varies depending on specific design criteria



For S/S finish options, see Stainless Steel Section

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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