



SOUTH SHORE MILLWORK

Quick Reference Chart for SSM Fire rated Door and Frames

All doors and frames are available in any specie

Door Rating	Minimum Thickness	Maximum Width	Maximum Height	Minimum Stile Width	Maximum Pair Dimensions	Max Glazing (Sq. Inches)
20 Minute stile and rail	1 3/4"	42"/48"	108"/96"	4" @ 96", 5" @ 108" (6" for Mortise Lock)	96" x 96"	1296 Sq. In
20 Minute flush	1 3/8"	36"	84"	N/A	N/A	N/A
20 Minute flush	1 3/4"	48"	120"	N/A	96" x 120"	3204 Sq. In
20 minute frames	4 1/2" wall	42"	108"	N/A	84" x 108"	
45 Minute stile and rail	1 3/4"	42"/48"	96"/84"	4 1/2"	84"/96" x 96"/84"	2656 Sq. In
45 Minute stile and rail	1 3/4"	42"/48"	108"/96"	6"	84"/96" x 96"/84"	2656 Sq. In
45 Minute flush	1 3/4"	48"	120"	N/A	96" x 108"	3204 Sq. In
45 minute frames	4 3/4" wall	42"	108"	N/A	84" x 108"	
60 Minute stile and rail	1 3/4"	42"/48"	96"/84"	4 1/2"	84"/96" x 96"/84"	1296 Sq. In
60 Minute flush	1 3/4"	48"	120"	N/A	96" x 108"	3204 Sq. In
60 minute frames	4 3/4" wall	42"	108"	N/A	84" x 108"	
90 Minute stile and rail	1 3/4"	42"/48"	96"/84"	4 1/2"	84"/96" x 96"/84"	1080 Sq. In
90 Minute stile and rail	1 3/4"	42"	108"	6"	N/A	N/A
90 Minute stile and rail	2 1/4"	48"	120"	4 1/2"	96" X 120"	N/A
90 Minute stile and rail	2 1/2"	36"	123"	4 1/2"	N/A	N/A
90 Minute flush	1 3/4"	48"	120"	N/A	96" x 108"	1393 Sq. In
90 minute frames	4 3/4" wall	36"	123"	N/A	84" x 108"	

Note: The dimesnions given here are meant to be used as a general guideline or rule of thumb, each individual project is dealt with on it's own and details need to be determined for each project and circumstance.

FASTEST INDUSTRY LEAD TIMES

Other options	Hardware options
Accoustical 90 minute doors to STC36	Tectus Hinges
Custom metal frames up to 96" x 120" with frames as narrow as 2 7/8"	Concealed closers
Radius top doors	Concealed door bottoms
Mineral, Particle, expandable foam, tectonite core materials	Concealed vertical rod exit devices
Hidden doors	Flush bolts
Double egress doors	Door viewers
Transoms and sidelites	Pivot, butt, Soss, Tectus hinges
Most any profile	Cylindrical, mortice, multipoint locksets
20 minute Harmon hinge doors	Wireways
Face applied mouldings	Perko Closers
Reveals in door faces	