

3/8" x 3" Lag Screw W/ 1-1/8" Dia. Washer (1-1/2" Embed)**Reference: 2001 NDS for Wood Construction, p. 8, 59, 68, 74, 166**Southern Yellow Pine, Specific Gravity = 0.55
577 lb/anchor allowable load

Door Width (ft) => Design Load	Maximum Spacing (INCHES)						
	9'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"
10 PSF	24	24	24	24	24	24	24
15 PSF	24	24	24	24	24	24	24
20 PSF	24	24	24	24	24	24	24
25 PSF	24	24	24	24	24	24	24
30 PSF	24	24	24	24	24	24	23
35 PSF	24	24	24	24	24	22	20
40 PSF	24	24	24	24	22	19	17
45 PSF	24	24	24	22	19	17	15
50 PSF	24	24	23	20	17	15	14
55 PSF	24	24	21	18	16	14	13
60 PSF	24	23	19	16	14	13	12

Spruce Pine Fir, Specific Gravity = 0.42
385 lb/anchor allowable load

Door Width (ft) => Design Load	Maximum Spacing (INCHES)						
	9'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"
10 PSF	24	24	24	24	24	24	24
15 PSF	24	24	24	24	24	24	24
20 PSF	24	24	24	24	24	24	23
25 PSF	24	24	24	24	23	21	18
30 PSF	24	24	24	22	19	17	15
35 PSF	24	24	22	19	17	15	13
40 PSF	24	23	19	17	14	13	12
45 PSF	23	21	17	15	13	11	10
50 PSF	21	18	15	13	12	10	9
55 PSF	19	17	14	12	11	9	8
60 PSF	17	15	13	11	10	9	8

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Note: Technical Data Sheets are information tools only and should not be used as substitutes for instructions from individual manufacturers. Always consult with individual manufacturers for specific recommendations for their products and check the applicable local regulations.

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