

Alpine System 42 Floor Truss (4x2) Span Tables for Southern Pine Select Structural

Depth Inches	L/360				55PSF
	Truss Centers, Inches				
	12.0	13.7	16.0	19.2	24.0
12	20- 0	20- 0	20- 0	20- 0	19- 4
14	23- 4	23- 4	23- 4	23- 4	21- 9
16	26- 8	26- 8	26- 8	25- 10	24- 0
18	30- 0	30- 0	29- 11	28- 2	26- 2
20	33- 4	33- 4	32- 4	30- 5	28- 3
22	36- 8	36- 5	34- 7	32- 7	30- 3
24	40- 0	38- 9	36- 10	34- 8	32- 2

Depth Inches	L/480				55PSF
	Truss Centers, Inches				
	12.0	13.7	16.0	19.2	24.0
12	20- 0	20- 0	20- 0	18- 11	17- 7
14	23- 4	23- 4	22- 7	21- 3	19- 9
16	26- 8	26- 3	24- 11	23- 6	21- 10
18	29- 11	28- 8	27- 2	25- 7	23- 9
20	32- 4	30- 11	29- 4	27- 7	25- 8
22	34- 7	33- 1	31- 5	29- 7	27- 5
24	36- 10	35- 3	33- 5	31- 6	29- 2

40.0 PSF Top Chord Live Load / 10.0 PSF Top Chord Dead Load / 5.0 PSF Bottom Chord Dead Load / 55.0 PSF Total Load / Load Duration Factor 1.00 / Maximum spans may be limited by L/D = 20 Limit; or L/360 & L/480 LL Deflection Limits / Chords are 2 x 4 Southern Pine Select Structural (MC-19%) / Modified Warren, 30" Top Chord Panels and 60" Bottom Chords Panels / 24" Maximum chase at center / Repetitive bending members used. (9/28/01)



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