

**REPRESENTATIVE SPAN TABLES**

The following tables provide representative spans that are possible with 4x2 floor trusses at various truss depths, on-center spacing and deflection limitations.

MAXIMUM ALLOWABLE SPANS ( $\Delta_{LL} = \text{Span}/_{360}$ , $\Delta_{TL} = \text{Span}/_{240}$ ) <sup>1, 2</sup>							
Truss On-Center Spacing	4 x 2 Floor Truss Depth (d)						
	12"	14"	16"	18"	20"	22"	24"
16"	23' 11"	27' 5"	30' 5"	32' 4"	34' 1"	35' 10"	37' 6"
19.2"	22' 9"	25' 10"	28' 5"	31' 3"	32' 6"	33' 5"	35' 10"
24"	21' 5"	23' 8"	26' 5"	28' 4"	29' 3"	29' 10"	32' 6"

MAXIMUM ALLOWABLE SPANS ( $\Delta_{LL} = \text{Span}/_{480}$ , $\Delta_{TL} = \text{Span}/_{360}$ ) <sup>1, 2</sup>							
Truss On-Center Spacing	4 x 2 Floor Truss Depth (d)						
	12"	14"	16"	18"	20"	22"	24"
16"	21' 5"	24' 0"	26' 7"	29' 0"	31' 2"	32' 7"	34' 10"
19.2"	20' 1"	22' 7"	24' 10"	27' 2"	29' 4"	31' 6"	33' 5"
24"	18' 7"	20' 11"	23' 0"	25' 1"	27' 1"	28' 10"	30' 0"

MAXIMUM ALLOWABLE SPANS ( $\Delta_{LL} = \text{Span}/_{720}$ , $\Delta_{TL} = \text{Span}/_{360}$ ) <sup>1, 2</sup>							
Truss On-Center Spacing	4 x 2 Floor Truss Depth (d)						
	12"	14"	16"	18"	20"	22"	24"
16"	16' 9"	19' 0"	20' 11"	22' 8"	24' 6"	26' 3"	27' 7"
19.2"	15' 10"	17' 7"	19' 7"	21' 4"	22' 11"	24' 6"	26' 1"
24"	14' 8"	16' 5"	18' 0"	19' 8"	21' 3"	22' 7"	24' 1"

<sup>1</sup> Maximum allowable spans are presented only as a guide. Allowable spans will vary due to design requirements and lumber availability.

<sup>2</sup> The spans in these tables represent the average spans for floor trusses manufactured with top and bottom chords of SPF 2400Fb-2.0E, SYP DSS or DF SS, and webs of SPF No.3, SYP No.3 or DF No.3. Spans assume a standard floor loading of 40psf TLL, 15psf TCDL and 10psf BCDL and the deflection (serviceability) limits shown. All spans include a 2' long chase centered at mid-span.