



## 1 1/2" VERSA-LAM® 1.7 2650 Joists Residential Floor Span Tables

**40 PSF Live Load / 15 PSF Dead Load – Glue & Nail Floor Sheathing**

O.C. Spacing	L/480 Live Load Deflection						
	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"	16"
12"	14' 6"	18' 1"	18' 6"	21' 8"	22' 10"	26' 8"	30' 3"
16"	13' 7"	16' 10"	17' 3"	20' 1"	21' 2"	24' 7"	27' 11"
19.2"	13' 1"	16' 2"	16' 6"	19' 3"	20' 2"	23' 6"	26' 7"
24"	12' 6"	13' 1"	13' 6"	16' 0"	16' 11"	19' 11"	22' 10"
32"	11' 10"	14' 6"	14' 10"	17' 1"	17' 11"	20' 9"	23' 4"
O.C. Spacing	L/960 Live Load Deflection						
	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"	16"
12"	11' 6"	14' 4"	14' 8"	17' 2"	18' 1"	21' 1"	24' 0"
16"	10' 9"	13' 4"	13' 8"	15' 11"	16' 9"	19' 6"	22' 1"
19.2"	10' 4"	12' 9"	13' 1"	15' 3"	16' 0"	18' 7"	21' 1"
24"	9' 10"	10' 5"	10' 8"	12' 8"	13' 4"	15' 10"	18' 1"
32"	9' 5"	11' 6"	11' 9"	13' 7"	14' 3"	16' 5"	18' 6"
O.C. Spacing	L/360 Live Load Deflection						
	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"	16"
12"	16' 0"	19' 11"	20' 5"	23' 11"	25' 1"	29' 2"	32' 11"
16"	14' 11"	18' 7"	19' 0"	22' 2"	23' 3"	27' 1"	30' 8"
19.2"	14' 4"	17' 9"	18' 2"	21' 2"	22' 3"	25' 10"	29' 3"
24"	13' 9"	14' 5"	14' 10"	17' 7"	18' 7"	21' 11"	25' 1"
32"	12' 8"	15' 11"	16' 4"	18' 10"	19' 9"	22' 10"	25' 9"

Span tables are based on a residential floor load of 40 psf live load and 15 psf dead load plus the VERSA-LAM joist weight.

Span lengths are a clear span distance.

Span table are based upon the listed live load deflection and L/240 total load deflection.

**Span listed in red text exceed 1.0 inches in total deflection.**

Repetitive loading increase has been included, where applicable.

Values represent worst case of simple or continuous spans.

Span tables assume that min. 23/32" structural wood panel sheathing is attached with construction adhesive and fasteners required per building code.



**40 PSF Live Load / 25 PSF Dead Load - – Glue & Nail Floor Sheathing**

O.C. Spacing	L/480 Live Load Deflection						
	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"	16"
12"	14' 6"	18' 1"	18' 6"	21' 8"	22' 10"	26' 8"	30' 3"
16"	13' 7"	16' 10"	17' 3"	20' 1"	21' 2"	24' 7"	27' 11"
19.2"	13' 1"	16' 2"	16' 6"	19' 3"	20' 2"	23' 6"	26' 7"
24"	12' 6"	13' 1"	13' 6"	16' 0"	16' 11"	19' 11"	22' 10"
32"	11' 8"	14' 6"	14' 10"	17' 1"	17' 11"	20' 9"	23' 4"
O.C. Spacing	L/960 Live Load Deflection						
	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"	16"
12"	11' 6"	14' 4"	14' 8"	17' 2"	18' 1"	21' 1"	24' 0"
16"	10' 9"	13' 4"	13' 8"	15' 11"	16' 9"	19' 6"	22' 1"
19.2"	10' 4"	12' 9"	13' 1"	15' 3"	16' 0"	18' 7"	21' 1"
24"	9' 10"	10' 5"	10' 8"	12' 8"	13' 4"	15' 10"	18' 1"
32"	9' 5"	11' 6"	11' 9"	13' 7"	14' 3"	16' 5"	18' 6"
O.C. Spacing	L/360 Live Load Deflection						
	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"	16"
12"	15' 4"	19' 0"	19' 6"	22' 8"	23' 10"	27' 9"	31' 4"
16"	14' 4"	17' 9"	18' 2"	21' 2"	22' 3"	25' 10"	29' 2"
19.2"	13' 10"	17' 1"	17' 6"	20' 3"	21' 3"	24' 8"	27' 10"
24"	13' 3"	13' 11"	14' 4"	16' 11"	17' 10"	21' 1"	24' 0"
32"	11' 8"	14' 8"	15' 0"	17' 8"	18' 7"	21' 8"	24' 6"

Span tables are based on a residential floor load of 40 psf live load and 25 psf dead load plus the VERSA-LAM joist weight.

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Span table are based upon the listed live load deflection and L/240 total load deflection.

Span listed in red text exceed 1.0 inches in total deflection.

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Values represent worst case of simple or continuous spans.

Span tables assume that min. 23/32" structural wood panel sheathing is attached with construction adhesive and fasteners required per building code.