

STAIR STRINGERS Span Tables and Details

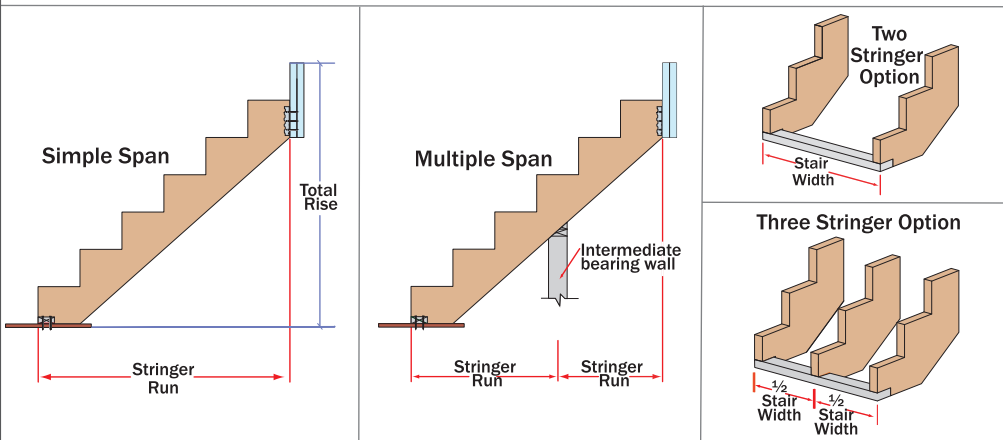


1½" VERSA-LAM® 1.7 2650 Allowable Stair Stringer Spans										
Material Depth	36" Tread Width				42" Tread Width		44" Tread Width		48" Tread Width	
	2 Stringers		3 Stringers		3 Stringers		3 Stringers		3 Stringers	
	Stringer Run	Total Rise	Stringer Run	Total Rise	Stringer Run	Total Rise	Stringer Run	Total Rise	Stringer Run	Total Rise
40 PSF Live Load / 12 PSF Dead Load										
9½"	6'-2"	6'-1"	7'-0"	6'-10"	6'-8"	6'-7"	6'-7"	6'-6"	6'-4"	6'-4"
11¾"	10'-0"	9'-7"	11'-5"	10'-10"	10'-10"	10'-4"	10'-8"	10'-2"	10'-5"	9'-11"
100 PSF Live Load / 12 PSF Dead Load										
9½"	4'-7"	4'-9"	5'-2"	5'-3"	4'-11"	5'-1"	4'-10"	5'-0"	4'-9"	4'-10"
11¾"	7'-6"	7'-4"	8'-6"	8'-3"	8'-1"	7'-10"	8'-0"	7'-9"	7'-9"	7'-7"

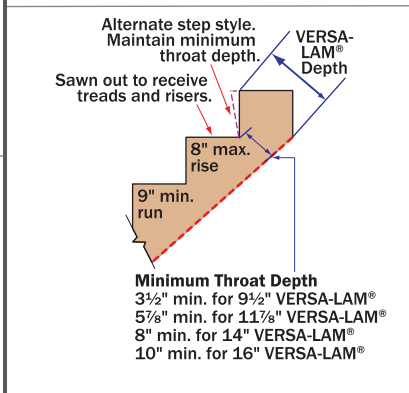
SPAN/LOADING NOTES

- Deflection limited to L/360 live load & L/240 total load.
- Spans based upon a stair limits of 8" max rise and 9" min. run, governing building codes may be more restrictive.
- Contact National Lumber EWP Engineering for design assistance on other stair stringer applications and/or loading.
- Consult governing building code and/or local building official for proper live load per application.
- Building codes typically restrict stair widths to 44" or greater for stairways serving an occupant load greater than 50 people.
- Maximum total rise between floors is 12'-0" per building codes.

SPAN TABLE DETAILS



ALLOWABLE CUT DIMENSIONS



CONNECTION DETAILS

FOR 40 PSF LIVE LOAD APPLICATIONS ONLY

(Consult design professional of record for connections of 100 PSF applications.)

