

Nordic Lam Stair Stringers

NORDIC LAM 1-3/4" x 11-7/8" 24F-1.9E

Stairway Width	Nailer (See note 8)	Maximum Stringer Run	
		2 Stringers	3 Stringers
36 in.	no	9'-11"	11'-4"
	2x4	10'-3"	11'-6"
	2x6	11'-6"	13'-1"
44 in.	no	9'-3"	10'-7"
	2x4	9'-7"	10'-10"
	2x6	10'-9"	12'-4"

Notes:

1. Maximum total run applicable to residential construction with a design live load of 40 psf and dead load of 12 psf.
2. The live load deflection is limited to $L/360$, and the total load deflection to $L/240$.
3. The tabulated design values are for dry-use conditions. Duration of load = 1.00.
4. Stringer material: 1-3/4" x 11-7/8" 24F-1.9E Nordic Lam, $F_b = C_V \times 2,400$ psi, $F_v = 250$ psi, $E = 1,900,000$ psi, where C_V = volume factor per NDS 2005.
5. Maximum rise between floors levels or landings permitted by code is 12'-0".
6. Maximum riser height = 7-3/4 inches; minimum tread depth = 10 inches; minimum throat depth = 5-3/4 inches.
7. Nailer material minimum grade S-P-F No.2. Attach with 2 rows 10d common nails @ 12" o.c. staggered.
8. Use subfloor adhesive to improve the stair performance and minimize squeaks.
9. DO NOT overcut stair stringer. Stair tread design and stringers connection by others.

