



features &
BENEFITS
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MASTER STAIR LVL STRUCTURAL STAIR STRINGERS

THICKNESS 3/4" & 1" • LENGTH 14' - 20' • DEPTH 9-1/4"

- ✓ LONG LENGTHS & SPECIAL ORDERS AVAILABLE
- ✓ CONSISTENT STRENGTH
- ✓ ELIMINATES SHRINKAGE & COSTLY ADJUSTMENTS
- ✓ 100% USEABLE MATERIAL — NO WASTE!
- ✓ STRAIGHT & CONSISTENT:

A more consistent substrate for routing machines.

- ✓ A COST EFFECTIVE SOLUTION:

Helping you stay ahead of your competition.



FINISH PRIME COATED



Master Stair LVL Structural Stair Stringer
Manufactured from tight grained Finnish spruce
and meets the same high engineering standards
as our *MASTER PLANK*® Structural Beams &
Header products.



Finnforest is dedicated to providing superior products and service!

TECHNICAL SPECIFICATIONS

Thickness:	3/4" and 1"
Standard Finish:	Prime Coated
Standard Depth:	9-1/4"
Standard Lengths:	14', 16', 18' and 20'
Special orders:	Length, Depth and/or Thickness are available

ENGINEERING SPECIFICATIONS

MASTER PLANK CODE ACCEPTED/DESIGN VALUES: NER-555	
Static Bending - Edge (Beam) - F_b	= 2900 PSI
Modulus of Elasticity - True MOE	= 2,000,000 PSI
Compression Perpendicular to Grain - $F_{C\perp}$	= 870 PSI
Shear - Edge (Beam) - F_v	= 320 PSI

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Finnforest USA, Engineered Wood Division

32205 Little Mack Avenue
Roseville, Michigan 48066
Phone: 800/622-5850 • Fax: 586/296-8773
www.finnforestus.com



MASTER STAIR STRUCTURAL STAIR STRINGER PHYSICAL & PACKAGING SPECIFICATIONS

SIZE	WEIGHT/ LIN. FT.	APPROX/WEIGHT PER UNIT/16' LENGTH	PCS. PER UNIT
3/4" X 9-1/4"	1.49 LBS	2320 LBS	100
1" X 9-1/4"	2.07 LBS	2484 LBS	75

NOTE: All adhesives used in the manufacture of Master Stair Structural Stair Stringers meet industry standards for exterior applications.

MASTER STAIR STRUCTURAL STAIR STRINGERS in production



Priming equipment out-feed



Typical Master Stair stair stringer component



Placing treads (steps) inside stringer grooves



Master Stair stair steps completed



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MASTER STAIR WEIGHT & PACKAGING CHART

SIZE	WT/LF	WT/PC	PC/UNIT	WT/UNIT	PACKAGING
3/4" X 9-1/4" X 14'	1.49	20.86	100	2086	5W X 20H
3/4" X 9-1/4" X 16'	1.49	23.84	100	2384	5W X 20H
3/4" X 9-1/4" X 18'	1.49	26.82	100	2682	5W X 20H
3/4" X 9-1/4" X 20'	1.49	29.80	100	2980	5W X 20H
1" X 9-1/4" X 14'	2.07	28.98	75	2174	5W X 15H
1" X 9-1/4" X 16'	2.07	33.12	75	2484	5W X 15H
1" X 9-1/4" X 18'	2.07	37.26	75	2795	5W X 15H
1" X 9-1/4" X 20'	2.07	41.40	75	3105	5W X 15H

Note: All adhesives used in the manufacture of Master Stair meet industry standards for exterior applications.

Total Mill Direct Truckload Weight Should Not Exceed 44,000 Lbs.

Contact a Finnforest USA representative for more information about Master Stair® Structural Stair Stringers & LVL boards.