

Long Length Finger Joined MSR Lumber (LLFJ-MSR)

**Cost Effective Straightness
and Guaranteed Strength.**

- Engineered solutions up to 36 feet
- Straight, Strong, Stable
- Lightweight KD-SPF
- Engineered and tested to predict performance
- Easy to work with
- Meets window and door manufacturer requirements
- Rely on our strength

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LLFJ Introduction

Canfor's engineered finger joined machine stress rated lumber products (LLFJ-MSR) are made from kiln-dried Spruce-Pine-Fir (SPF). The MSR candidate material is specifically selected for this application. Finished lengths of up to 36 feet are achieved by finger joining shorter MSR lumber pieces together.

Each final length piece is in-line machine tension tested to ensure each piece and joint reaches a minimum design strength for engineering applications. The process of finger joining the lumber to achieve longer lengths delivers superior straightness, stability and consistent performance for demanding applications including tall walls and trusses. This product has all the advantages and attributes of solid wood – strength, nail holding, stiffness, ductility.

Long Length Finger Joined MSR Lumber (FJ-MSR)		26"	28"	30"	32"	34"	36"	Pieces per package
2 x 4 SPF	1650Fb 1.5E 1020 Ft	★	★	★	★	★	★	140
2 x 6 SPF	1650Fb 1.5E 1020 Ft	★	★	★	★	★	★	90

Product Benefits

- MSR strength rated for engineered applications
- Superior straightness when compared to solid wood substitutes
- Superior stability, less likely to warp or twist
- Easy to cut, nail and drill – behaves just like solid lumber
- Cost effective alternative to other engineered products such as laminated strand lumber & laminated veneer lumber (LSL, LVL)
- Light in weight when compared to LSL & LVL

Product Applications

- Long length roof rafters
- Balloon wall components & hybrid construction methods
- Tall walls, that require extreme straightness

- Tall shear walls
- Headers, columns and posts
- Residential and commercial applications

Quality Control

- Visual override to ensure minimum wane in joints and to maximize joint quality
- In-line moisture meter and tension testing
- Off-line tension bending and delamination testing for joint quality

Technical Specifications

Segments are stress rated using National Lumber Grades Authority Special Product Standard. Dimensional lumber that has been graded by mechanical stress rating equipment and manufactured under SPS-2.

Finger joined using 15/16" finger length for maximum gluing surface and strong joints. Melamine Formaldehyde adhesive for exterior quality joints.

Finger joined using Western Wood Products Association Glued Lumber Products Procedures 101.05 and the American Lumber Standards Glued Lumber Policy.

Interchangeable with solid lumber of the same species and visual grades.

Design Values (bending, tension, compression, stiffness, nail holding) are the same as for solid lumber of the same species and grade.

Finger joined lumber should be utilized according to local building codes and regulations.

In-line tension proof loading to 2.1 times design tension value for grade.

Dunnage attached, heavy duty wrap applied for Rail or truck delivery.