West Fraser

#1 Wane **SYP** 1650F 1.7E

Leaders in MSR Lumber

Our MSR lumber delivers exceptional strength, reliability, and predictable performance with reduced variability, making it the right choice for use in your Truss Manufacturing.

Optimize your truss manufacturing with the benefits of #1 Wane SYP 1650F 1.7E

Connection Strength

Trusses rely on metal plate connectors to join the lumber at key points. Excessive wane can reduce the surface area where these plates are attached, leading to weaker connections and potential failures.

Load-Bearing Capacity

Wane can decrease the effective cross-section of a piece of lumber, reducing its strength and ability to bear loads, which is critical in engineered components like roof trusses.

Dimensional Stability

Excessive wane can prevent the chords and webs from being properly positioned during assembly, which may compromise the overall stability of the truss.

Manufacturing Efficiency

Lumber with too much wane may require sorting or extra processing to ensure the truss meets the required specifications, leading to increased labor and material waste.

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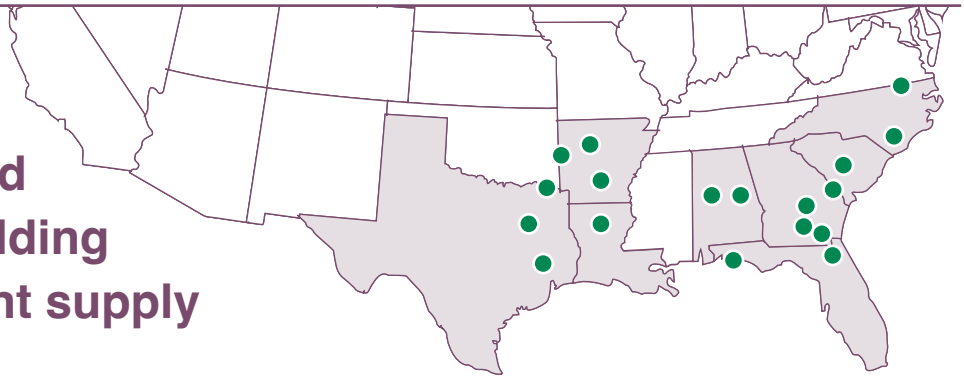
Bending (Fb)	Tension Parallel (Ft)	Shear Parallel (Fv)	Compression Perpendicular (Fc⊥)	Compression Parallel (Fc)	Modulus of Elasticity (E)	Modulus of Elasticity (Emin)	Specific Gravity
1,650	1,020	175	565	1,750	1,700,000	860,000	0.55

- Our equipment is calibrated to international standards with stringent controls on wane & warp.
- Every piece of MSR lumber is machine stress rated to ensure consistent quality and strength.



For manufacturers of trusses, beams and other engineered building products, a consistent supply chain is everything.

West Fraser owns and operates 18 lumber mills spanning the southeastern USA, 10 of which produce MSR. The result is a highly dependable supply chain producing a range of SYP. Add to that our ability to identify higher grade lumber, which imparts predictable strength and straightness to high-performing trusses and other products, and it's easy to see why we are relied upon by so many.

Learn More:
StrengthInLumber.com

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