

## MSR - SYP & SPF

# 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 West Fraser MSR lumber today

#### Engineered Strength -

Machine Stress-Rated (MSR) lumber offers consistent strength and stiffness for precision-built roof and floor trusses.

#### **Reliable Supply** -

As North America's largest lumber producer, we offer consistent supply and reliable delivery, reducing lead times and minimizing production delays.

#### Proven Quality

Each piece is mechanically tested and backed by rigorous quality control to meet or exceed industry standards.

#### Design Efficiency —

Predictable performance characteristics support optimized truss designs and reduce material waste.



State Street										
Grad & Spe	de ecies	Bending (Fb)	Tension Parallel (Ft)	Shear Parallel (Fv)	Compression Perpendicular (Fc⊥)	Compression Parallel (Fc)	Modulus of Elasticity (E)	Modulus of Elasticity (Emin)	Specific Gravity	
<b>SPF</b> M 1650f-1	MSR 1.5E 1	1,650	1,020	135	425	1700	1,500,000	760,000	0.42	
SPF N 2100f-1	MSR 1.8E 1	2,100	1,575	160	525	1875	1,800,000	910,000	0.46	
<b>SYP</b> 1 1650f-	MSR ·1.7E	1,650	1,020	175	565	1750	1,700,000	860,000	0.55	
SYP 1 2250f-	MSR ·1.9E	2,250	1,750	190	805	1925	1,900,000	970,000	0.57	
<b>SYP</b> 1 2400f-	MSR •2.0E	2,400	1,925	190	805	1975	2,000,000	1,020,000	0.57	
<b>SYP</b> 1 2700f-	MSR -2.2E	2,700	2,150	190	805	2100	2,200,000	1,120,000	0.57	



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 30 lumber mills spanning North America, 14 of which produce MSR. The result is a highly dependable supply chain producing a range of product in both SYP and SPF. 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

