

# WEYERHAEUSER MSR/MEL PERFORMANCE TESTED™ LUMBER

## MECHANICALLY GRADED FOR STRENGTH, STIFFNESS, AND DIMENSIONAL STABILITY

When you need confidence in engineering design values, choose Weyerhaeuser's machine-stress-rated (MSR) and machine-evaluated lumber (MEL). Using our mechanical grading processes, every piece goes through rigorous testing to ensure it meets the design properties for the grade and application. MSR/MEL is also inspected for inconsistencies like wane and warp, providing a higher quality plating surface for truss applications.

By selecting MSR/MEL, you get a superior lumber product that provides predictable performance and meets specific design requirements.



# A PERFORMANCE TESTED™ PRODUCT FOR EVERY NEED.

The design values of available MSR/MEL grades are included in the table below.

Grade	Bending  Fb	Tension Parallel to Grain  Ft	Compression Parallel to Grain  Fc	Modulus of Elasticity  E
<b>M-42</b>	2850	1600	2100	1.8
<b>MSR 2400</b>	2400	1925	1975	2.0
<b>M-23</b>	2400	1900	1975	1.8
<b>MSR 1650</b>	1650	1020	1700	1.5
<b>M-12</b>	1600	850	1675	1.6
<b>M-29</b>	1550	850	1675	1.7
<b>MSR 1450</b>	1450	800	1625	1.3
<b>M-9</b>	1400	800	1600	1.4
<b>M-5</b>	900	500	1050	1.1



MSR/MEL lumber is widely available in standard sizes and grades, and it's also customizable to help you improve design efficiency. Simply bring us your needs, and let us deliver the predictable performance you require.

## CONTACT US

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SFI-00008

## WEYERHAEUSER MSR/MEL PERFORMANCE TESTED LUMBER BENEFITS

- Predictable performance and consistency
- Serviced from a reliable network of mills
- Precision grading minimizes waste
- Ideally suited for multiple applications
- High-quality plating surfaces for truss systems
- Available in customized grades for specialized applications
- Backed by Weyerhaeuser's product quality assurance programs



This product is Green Approved by the NAHB Research Center for meeting certain criteria in the National Green Building Standard™.

Visit [www.GreenApprovedProducts.com](http://www.GreenApprovedProducts.com) for details.



Weyerhaeuser lumber is manufactured in the U.S.A. using locally sourced raw materials. Support the local economy and contribute to the reduction of transportation related greenhouse gas emissions.