

# ACHIEVE PREMIUM PERFORMANCE WHILE USING LESS WOOD

## WEYERHAEUSER PREMIUM™ JOIST

Using the superior strength and dimensional properties of Premium™ Joists, you can build more efficiently throughout the construction process. Premium™ Joists help you simplify your installations and use less wood, while consistently delivering a higher level of performance.

### Premium Roof and Floor Performance

- Exceptional dimensional stability helps floors meet the stringent flatness criteria for hardwood and tile installations. This same product stability also helps framers more easily deliver crisp roof lines and ripple-free ceilings.
- Advanced performance testing to M-29 standards ensures optimum fiber strength and product density, helping floors feel solid without many of the annoying vibrations and soft spots found in floors built with standard commodity grades.



## WEYERHAEUSER PREMIUM™ JOIST

### Improved Efficiency Using Less Wood

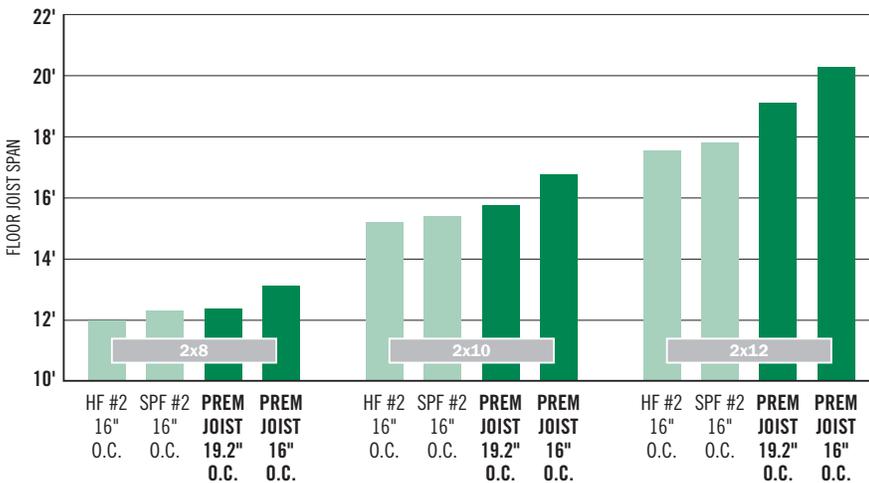
- High strength values let you use fewer joists while still providing premium floor and roof performance.

### Easy Installation

- Premium joists are kiln dried to a maximum moisture content of 15% (KD15), which helps improve joist-to-joist uniformity.
- Superior dimensional stability results in a straighter and more consistent product, resulting in reduced cull and improved build times when compared to standard commodity grades.
- Stringent wane specifications remove troublesome boards, significantly reducing glue and nail edge issues.

### Comparison of Spans

Based on: 40 psf live load / 10 psf dead load; deflection of L/360



### Premium™ Joist Sizes

Weyerhaeuser Premium™ Joists are available in the following sizes:  
2x6 • 2x8 • 2x10 • 2x12

For detailed design, installation, and handling information see our Premium™ Joist Specifier's Guide (LB-4010) available at woodbywy.com.

### Reduction in Wood Usage with Premium™ Joists

Span	Premium Joist	Hem-Fir #2	Reduction in Wood Usage
12'	2x8 at 19.2" on-center	2x8 at 16" on-center	15–20%
14'	2x10 at 19.2" on-center	2x10 at 16" on-center	15–20%
16'	2x10 at 16" on-center	2x12 at 16" on-center	17–19%
18'	2x12 at 19.2" on-center	2x12 at 12" on-center	35–40%
20'	2x12 at 16" on-center	2x12 at 12" on-center	15–20%

## WEYERHAEUSER PREMIUM JOIST: IDEAL FOR GREEN BUILDING

- Premium™ Joist is certified to the Sustainable Forestry Initiative® (SFI) standard, which provides assurance of a product from sustainable resources. Sustainable forestry addresses key environmental, social and economic forest values—from water quality and biodiversity to harvesting and regeneration.
- Weyerhaeuser Lumber has been “Green Approved” by the NAHB Research Center for use in the National Green Building Standard™. Visit woodbywy.com for complete details.



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

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



Weyerhaeuser Premium Joist 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.

### CONTACT US

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