

## Freres Lumber Co.

Freres Lumber Co. is a premier wood products manufacturing company dedicated to bringing innovative, high-quality and environmentally-sound wood products to market. Founded in 1922, Freres is one of the oldest family-owned and operated businesses in Oregon, and values the personal relationships it has developed with customers and partners over the years. Freres promotes sustainability, and champions the wise and efficient use of raw materials in all wood product manufacturing operations as well as its related entities: Freres Timber and Evergreen BioPower LCC.

Freres Timber owns more than 17,000 acres of timberland and harvests that timber on a sustained yield basis. Freres Lumber specializes in the production of a wide range of veneer, plywood, and engineered wood products. Evergreen BioPower is a biomass cogeneration facility utilizing residual wood products to produce enough steam-generated electricity to supply the local utility company with enough energy to power more than 5,000 households, while also delivering heat for plant production processes.

## Manufacturing

For more than 90 years, Freres has specialized in bringing high-quality wood products to market, manufacturing veneer, lumber, and plywood and now structural composite lumber. With a history of incorporating cutting-edge technology to transform and modernize construction practices, Freres has engineered a monumental new finished wood product with its latest, patented innovation, Mass Plywood Panels (MPP). Like other industry paradigm shifts, MPP has the promise of radically changing building practices.

## Mass Plywood Panels

Freres's MPP is a patented, veneer-based engineered wood product certified by APA - The Engineered Wood Association. MPP is a Mass Timber Panel assembled with Douglas Fir veneers, which are glued and pressed together, creating a large format wood platform that can be manufactured in 1" thickness increments. Freres has engineered MPP to enhance the natural strength of the wood, while adding dimensional stability. It can then be cut precisely to customers' specifications with advanced Computer Numeric Control (CNC) technologies. Floor, roof and wall panels can be manufactured as large as 11'-10" x 48' and up to 12" thick; beams and

columns up to 24" thick. All this leads to decreased assembly times and a more economical building solution. MPP is strong and fire-resistant making it an acceptable building material up to 18 stories. It is also lighter, more economical, and more environmentally sustainable than traditional building materials such as concrete and steel.

## Giving Back

Freres has a long history of giving back to the community, which is reflected in the company's culture and values. Freres values sustainability, and champions the wise and efficient use of raw materials throughout all operations and is a positive contributor to both its industry and local community. Freres encourages employees to volunteer their time to local community efforts. Freres's staff participates in industry associations and the company contributes to the local economic vitality through job creation and charitable contributions made through Freres Foundation.

Established in 1959, the Freres Foundation provides a much-needed source of financial support for charities and education-based organizations in Oregon's Santiam Canyon. Since its inception the Freres Foundation has given millions of dollars back to the local community. In 2017, Freres Foundation contributed more than \$200,000 to a myriad of local causes.

## Awards for Freres Lumber

- 1994: Large Family Business of the Year, Austin Family Business Program at Oregon State University
- 2005: Good Neighbor Award, Oregon Department of Geology and Mineral Industries
- 2008: Milestone Sustainability Award, State of Oregon
- 2015: Oregon State University (OSU) and OSU Foundation name Freres Lumber to the Milton Harris Society
- 2017: Wood Innovations Grant recipient, max funded at \$250,000, USDA Forest Service
- 2017: Large Business of the Year, Stayton Sublimity Chamber of Commerce
- 2018: Manufacturer of the Year, SEDCOR
- 2019: World's Most Innovative Companies, ranked #5 in the world by Fast Company



**“ MPP can be cut to almost any shape and size. MPP products can be used for practically any structural wood element in a mass timber building. ”**