

FSC® Engineered Wood Products



It is a commonly accepted fact that the production of engineered wood products is one of the most effective uses of wood fiber available today. At Sterritt Lumber, we are proud to handle Nordic engineered lumber because of this fact!

Although the term engineered lumber is used to describe a variety of materials, most are defined as structural components that have been reworked. Engineered wood is manufactured by bonding together wood strands, veneers, lumber or other forms of wood fiber to produce a larger a unit that is stronger and stiffer than the sum of its parts.

We are proud that all of our Nordic Engineered Lumber products pass the strict guidelines of the Forest Stewardship Council®. As a result, you can rest easy that every precaution was taken to encourage safe practices and sustainability during the harvest of these high quality products!

Since 1961, Nordic has established itself as the premiere solid-sawn I-joist in the market, with proprietary small-block technology, consistent in-line tension testing, and the emergence of the first laminated solid-sawn flange joist, the NI-90x I-joist series. Nordic's exclusive ENVIRO=LAM process highlights the full line of Nordic Lam Beams, Columns and Tall Wall Studs. In addition, Nordic's family of Engineered Wood products allows specifiers to fully utilize the most substantial collection of sustainable wood solutions available from a single manufacturing source. Here at Sterritt Lumber, we are proud to boast of our association with Nordic!

If you ever have questions about installation, do not worry. Nordic's technical services boast some of the finest talent in the industry. Training, specifier seminars, and continuing education are integral to Nordic's vision of providing market solutions.

Demand for more refined architectural solutions has led to the creation of Nordic Wood Structures, which offers a whole new complement of straight and curved beams, arches and decking for use in non-residential projects. Already featured in timber structures, industrial buildings, sports facilities and office complexes, Nordic's in-house architectural and engineering services redefine the potential for engineered wood construction.

Nordic Engineered Wood has been marketing Nordic Joist and Nordic Lam products since its inception in 2000. Attention to product development, quality, and exceptional service have allowed Nordic to grow into a supplier of international scope. Nordic's expanding markets include sales offices supporting distribution partners in markets from Western Canada to the South eastern U.S., as well as international markets in Europe and Asia.

Like Sterritt Lumber, Nordic is devoted to its clients! From its humble beginnings responding to local needs, Nordic Engineered Wood has grown to a major market contributor, dedicated to providing the best sustainable wood solutions to the building industry. We are proud to partner with this fine manufacturer, as we offer you the finest and most environmentally friendly engineered wood products on the market: Nordic Lam, Nordic X-Lam, and Nordic Joists!

Nordic Lam



What is a glulam?

To illustrate the durability and function of Nordic lams, we wanted to help define one for you. A glulam is made up of wood laminations or “lams” that are bonded together with adhesives. Because these are engineered products, glued laminated timbers are built to meet a range of design stresses. Beams are typically manufactured with the strongest lams on the bottom and top of the beam. This is where maximum tension and compression stresses occur.

What is special about Nordic Lam?

At Sterritt Lumber, we are proud to handle Nordic Lam, the most efficient and environmentally sound glulam in existence today! The raw material used in this product is black spruce, a plentiful and durable wood that is responsibly harvested under Nordic’s parent company Chantiers Chibougamau Ltd (CCL). Black spruce is known for its extreme density, fiber strength, and small growth rings. Even though Nordic Lam is very strong, it can weigh as much as 25% less than other engineered wood options. These lams are easily machined as well using conventional carpentry tools! This combination of workability and strength make us very proud to handle this fine engineered wood. In addition, Nordic Lam’s standard column widths of 3 1/2”, 5 1/2”, and 7” are pre sized for an easy fit into conventional framing applications.

Finally, Nordic rigorously adheres to the practices of the Forest Stewardship Council® while delivering unwavering quality to the consumer. Nordic Lam products also have been recognized and can gain points towards National Green Building Standard certification!

Nordic X-Lam



We are proud to announce one of the strongest and stiffest laminated timber products in use today! Sterritt Lumber is proud to partner with Nordic to bring you Nordic’s X-LAM! If you are looking for an environmentally sensible engineered wood for use in commercial, and residential buildings, Nordic X-LAM could be the solution to your needs.

Nordic X-LAM is made up of cross-wise glued and laminated black spruce boards. The result of this composition is a material that can substitute for concrete or even steel! It has tremendous design and cost advantages as well!

As strong and as durable as it is, Nordic X-LAM possesses incredible design flexibility. Cross-laminated timber (CLT) allows for very flexible design as it can be perfectly combined with materials within the structure (steel, concrete, glass, etc.) in addition to other engineered wood products such as glue-lam.

In addition, there is high dimensional stability due to the bi-directional build-up of the timber. While primarily a structural material, it can also be used as a visible element of the application.

Nordic X-LAM provides incredible cost savings on foundations: since wood is much lighter than concrete, using X-LAM means that your foundation will be lighter and less expensive than in a concrete structure.

As well as being a structural element, X-LAM also acts as an insulating layer due to its high thermal properties. This obviously curbs costs over the life of the structure.

Talk to one of our professionals today about all of the advantages of Nordic X-LAM.

Nordic I-Joist



Sterritt Lumber is proud to handle the innovative Nordic I-Joist!

Manufactured using Nordic's exclusive EnviroLam technology, Nordic I-Joists are touted as a leading environmentally protective product in the U.S. and Canada. Nordic's unique EnviroLam technology minimizes waste by converting more of nature's raw material into useful products. The process even transforms tree tips and other overlooked portions of the tree into key components of Nordic's glued laminated product line!

Like nearly all of Nordic's structural products, its I-Joists are manufactured using black spruce as a prominent raw material. This light-weight wood is heralded for its narrow growth rings and its high density.

The black spruce is harvested on more than 2 million acres of timberlands where the quality of Nordic's I-Joist flange stock is controlled from harvest to reforestation by rigorous environmental company standards. Knowing this material originates from controlled land should give you the assurance that the entire family of Nordic engineered wood products possesses sustainable wood solutions for so many building applications!

Nordic prefabricated I-Joists include residential and light-commercial joist depths, and they range from 9-1/4 to 24 inches. Nordic Joist is also available with pre-cut web openings.

Enviro Lam Technology



It is a commonly accepted fact that the production of engineered wood products is one of the most effective uses of wood fiber available today. At Sterritt Lumber, we are proud to handle Nordic engineered lumber because of this. Combining small-block technology with manufacturing expertise, the folks at Nordic are able to retrieve more viable fiber from every tree. The exclusive ENVIRO=LAM process elevates wood optimization to a new level, by utilizing log segments that are too small to process by traditional means. Tops of trees and side cuts have typically been underutilized as commodity

lumber or left on the forest floor as waste. ENVIRO=LAM preserves the value of our natural resources by placing wood fiber to its most effective use.

Nordic products finger jointing and proprietary edge laminating technology gives the glulam products their distinctive appearance. Nordic ENVIRO=LAM products, available in widths from 1-3/4 to 7-1/2 inches, and depths to 36 inches offer greater dimensional stability than traditional timbers or glulams made from wide dimension lumber. Nordic ENVIRO=LAM's distinctive small-block appearance demonstrates our ongoing commitment to state-of-the-art fiber optimization. The ENVIRO=LAM process is featured in Nordic's Beams, Headers, Columns, Tall Wall Studs, and their latest innovation the NI-90x I-joist series.