

BUILDING BETTER

BY ROSBORO

HIGHLIGHTS



ROSBORO is North America's premier supplier of glulam beams and the innovator of **X-Beam®** - the industry's only full-framing-width stock architectural glulam.

Our vertically integrated log-to-beam manufacturing process provides our customers with an unmatched range of high-quality stock and custom glulam products as well as western species studs and dimension lumber.



Project Spotlight
Swinerton Charlotte Office Build-out



Industry Brief
Building Better with X-Beam



Best Practices from Jared
Waterborne Treatments & Our Glulam Warranty



What not to do...
Jobsite Nightmares



Unsung Heroes
Shipping Teams

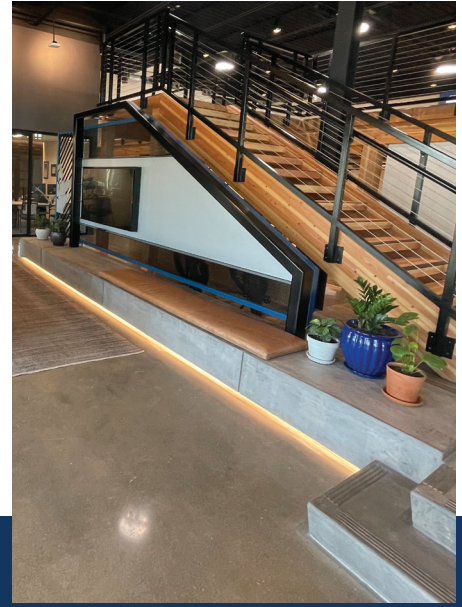
SWINERTON



Charlotte Office Build-out

Swinerton's mass timber fabrication subsidiary, Timberlab, Inc., provided design and engineering assistance as well as procurement, fabrication, logistics, and installation support services.

Swinerton Builders, a leader in mass timber construction, recently completed their new 7,000 square foot office space in Charlotte, NC. This new office space includes many architectural features, and one of the most prominent is the 1,800 square foot mass timber mezzanine and staircase. This mezzanine differentiates their workspace with the warmth and attractiveness of exposed wood, while adding much needed additional floor space. The mezzanine is a combination of glue laminated columns, beams, and floor decking panels provided by Rosboro.



The laminated wood enhances the natural look and feel of the space, but it also allowed Swinerton to complete the installation much faster than would be possible with other materials. The mass timber elements arrived onsite with structural connections shop installed by Timberlab for a full 'kit of parts' system, including a fully prefabricated glulam stair assembly, that accelerated the overall schedule. These connection details, common to mass timber construction, removed the need for any welding, grinding, or cutting typical in steel or concrete applications. Timber construction also provides benefits in achievable clear spans. One of Swinerton's goals was to create an open, collaborative office space, but this was challenging given the lower ceiling heights under a mezzanine level. The timber beams and columns provided Swinerton the ability to provide a unique natural aesthetic for their employees, adding additional working space to the office, and not compromise the look with unsightly steel or concrete structure. Swinerton will continue to be an advocate for heavy timber construction in the industry and their office will serve to demonstrate its benefits.



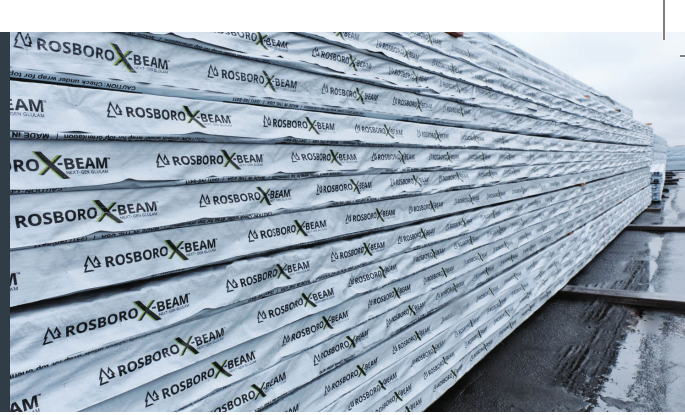
Mass Timber Decking

Mass timber decking produced by Rosboro consisted of 6 3/4 inch thick glulam decking panels with widths ranging from 32- 48 inches and lengths spanning up to 39 feet. These smaller section sizes enabled the construction team to utilize forklifts to set the panels in place, rather than costly overhead cranes which are typically required to install large bulky CLT panels.





Industry Brief Building Better



BUILDING BETTER WITH X-BEAM

In the world of building materials few are as adaptable and widely available as the X-Beam. X-Beam is manufactured at full framing width for easy installation and stocked at distribution yards across the U.S. for immediate delivery to the jobsite. X-Beam's architectural appearance and design properties are similar to LVL, it's easy to see why X-Beam has become the preference of savvy specifiers and keen buyers. Builders ask for it by name, dealers appreciate the competitive edge it provides them, and specifiers trust it to hold the load.

Rosboro combines highly efficient stock beam production with the nimbleness of our Western Structures custom glulam production, allowing us to

offer our customers a full array of glulam products for any beam, header, column, or decking application. Whether you need a rail car of stock 60 footers, or just one perfect beam for a special application, we've got you covered.

This is backed by Rosboro's industry leading service posture, which provides our customers with the tools and resources needed to successfully grow their glulam sales. Our Market Development Managers are in your local area to provide you with any technical or commercial support you may need. With all of this, X-Beam is more than just a product, it's a program designed to help distributors, dealers, and builders be successful.

BEST PRACTICES by Jared

ALL TREATMENTS ARE NOT EQUAL...

Waterborne preservatives such as Tru-Core and related treatments can be problematic for glulam and other EWP. Read up on our latest white paper to ensure the proper preservatives are being used on your glulam products.

TIPS of the TRADE

Jared Hensley, P.E., Director of Engineering



Douglas fir glulam treated with waterborne preservatives



What not to do... JOBSITE Nightmares

One of the more frequent calls we receive on our tech line is from someone at a jobsite looking up at a "Top" stamp. Why is there a top stamp? When glulams are produced they are manufactured according to a recipe, with different grades of laminations throughout the depth of the beam. X-Beam and other stock glulam have unbalanced layups, meaning the laminations at the bottom of the beam are

designed to take more tension load than those on the top. This optimizes the use of wood fiber and minimizes the cost of the product. Ideally an upside down "Top" stamp is discovered before the beam is fully installed, but that may not always be the case. When a beam is installed upside down, its capacity is reduced by roughly 25%. It may still carry the design load, but we strongly recommend that you consult with the Engineer of Record to confirm.



QUESTIONS AT THE JOB SITE? We're here to help! We are a phone call away to answer any and all your questions about our glulam products. You can reach us on our technical support line: 877-457-4139 during business hours M-F.

ROSBORO'S Unsung Heroes



SHIPPING TEAM



Rosboro's shipping department has some of the hardest working and skilled team members in our organization. With a year fraught with trucking and rail shortages, COVID personnel challenges, wildfires and more, this group has remained focused on keeping Rosboro products moving to our customers on time and in full. Rain or shine this team has proved to be the backbone of our business.



Truly Green

Rosboro's mission is to leave the Earth better than we found it. We source logs through state, federal, and private timber sales and adhere to the Oregon Forest Practices Act. We work with locally-based conservation groups to reforest our timberlands responsibly. Learn more about our commitment to sustainability.

Our Products

- Western Structures™ Custom Glulam
- X-Beam™ | Next-Generation Glulam 24F-V4
- X-Rim™ | Next-Generation Rim
- X-Beam™ Columns
- 1.6E ESL | Engineered Structural Lumber
- Rosboro Laminated Decking™
- Dimension Lumber
- Studs

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Commodity and Stud sales: 888-393-2304

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TALK TO A ROSBORO EXPERT TODAY

