

Rosboro



Rosboro **GLULAM**



- Architectural and Framing Appearance.
- Dimensionally stable.
- Large on-ground inventory means same-day order, same-day shipping.

Rosboro Glulam



The Right Beam for the Job.

Dimensionally stable. Before we assemble our glulam, each piece of lumber is kiln-dried to a moisture content of less than 15%. Dry laminates make for a stable glulam that won't twist, split, warp or shrink.

When your building materials stay straight and true, you don't have to worry about callbacks.

Strong design values. After being dried, each piece of lumber used to create our glulam products is stressed and its strength measured to determine exactly where in the glulam beam they should be used. It is important to understand that each beam follows a very specific 'recipe'. This engineered layup is approved and certified by the APA EWS of Tacoma, Washington.

Rosboro Glulam is truly a high-strength engineered wood product through and through.

Protected from the elements. Every single piece of full-length Rosboro Glulam is individually wrapped for protection during shipping, in the dealer yard and on your jobsite. The wrap protects the beam from dirt, moisture and superficial damage.

When you buy a Rosboro Glulam you're getting a clean, dry beam that is ready to be put in place and forgotten.

Easy to work with. In addition to being dry, strong and clean, Rosboro Glulam beams are more like real wood except, well, real wood! There is less glue and more wood than other engineered wood products, this makes them easier to cut, nail and screw into. Following our guidelines, you can even drill through them, both horizontally and vertically. Try that with most of the other engineered wood products on the market.

Why Builders Choose Rosboro Glulam

It's light, easy to work with and delivers consistent quality while meeting demanding jobsite structural requirements.



Rosboro GLULAM

Rosboro Glulam combines engineered structural values and product consistency of engineered wood with the ease-of-use qualities of traditional lumber.

A full spectrum of Glulam products is always available at both of Rosboro's manufacturing facilities meaning we can ship same – or next-day.

Glulam Appearance Standards - Easy to Understand

The following standards describe the guidelines of how the beams are finished during the manufacturing process. There is no structural difference between these beams, but because of their resulting appearances, they are commonly used in specific applications:

Architectural Appearance: Voids larger than 3/4" are filled, low laminations are repaired and all exposed faces are surfaced. *Architectural Appearance* glulam is used in applications where members are exposed to view.

Framing Appearance: The *Framing Appearance* standard is a "hit and miss" finish and allows more irregularities than *Architectural Appearance*. *Framing Appearance* glulam is available in widths designed to fit flush with standard wall framing and is intended for use in concealed applications.

Stock Dimensions You Can Build On

Lengths: Stocked in lengths up to 68 feet.

Widths: *Architectural Appearance:* 3 1/8", 5 1/8", 6 3/4" and 8 3/4". *Framing Appearance:* 3 1/2" and 5 7/16".

Depths: *Architectural Appearance:* 6" through 30" in 1 1/2" increments. *Framing Appearance:* 9", 10 1/2", 12", 13 1/2", 15" and 16 1/2".

Remember, there is no structural difference between *Architectural* and *Framing Appearance* Rosboro Glulam.

The Appearance Standards refer only to the visual appearance of the beam.

Rely on Rosboro Glulam

Design Values

F _b tension	2,400 psi
F _b compression	1,850 psi
F _v horizontal shear (24F-V4)	265 psi
MOE	1.8 x 10 ⁶ psi

Shear values should be decreased by 10% when beam is subject to conditions that cause severe checking.

Code Recognized

- Rosboro Glulam is recognized under ICC-ES Report ESR-1940.
- Wet-use adhesives comply with ASTM D-2559.
- Inspected and certified by APA EWS in conformance with American National Standard ANSI A190.0-2002.
- LA City Fabricators Approved.





More Glulam Products From Rosboro

Along with Rosboro Glulam, Rosboro has other engineered products designed for your specific application.



High Performance 2.1E IJC-Glulam

Rosboro BigBeam®: The big daddy of our I-joist compatible beams, the BigBeam (3000F, 2.1E) is engineered to match standard I-joist depths and wall framing widths.



Rosboro 1.8E IJC: Rosboro's latest glulam product, is designed to match standard I-joist depths and is easy to install.



Rosboro Treated Glulam: This 24F glulam beam is treated by Permapost to resist rot and decay. Manufactured in standard framing widths of 3 1/2" and 5 7/16" along with I-joist depths, Treated Glulam is designed to protect your investment.

Software Support

As an alternative to using our printed tables to manually calculate the proper beam for a given application, Rosboro, in association with Keymark of Boulder, Colorado, has developed computer software to aid customers with the design process.

This software – Rosboro KeyBeam® – is an advanced beam design program incorporating all of Rosboro's engineered wood product line. To learn more, visit the Rosboro website.

Live Technical Support (1-877-457-4139)

Rosboro's technical support hotline is for those times when you need our help. Whether you are an architect, engineer, framing contractor, general contractor, building official or homeowner, you may have questions about glulam products. Our technical support staff is available with the answers when you need us.



All Rosboro Engineered Wood Products are approved and certified by the APA EWS of Tacoma, Washington.

Rosboro

Growing Today • Building Tomorrow®

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