



ROSBORO X-RIM™

Rosboro X-Rim is the first glulam beam designed specifically for rim applications. Manufactured to tight tolerances with low moisture content to reduce shrinkage and ensure fit.

FIRE STOP

Heavy timber X-Rim glulam is used as a fire stop in floor systems, around stair wells and elevator shafts. It is installed in walls perpendicular to the floor joist eliminating high cost standoff hangers. X-Rim is specified in stacked framing applications where dimensional stability is critical.

ZERO CAMBER

X-Rim is zero camber so it installs flat in floor systems. The width fits flush with 2x4 and 2x6 framing and depths match EWP and conventional framing systems. X-Rim is finished to an Industrial appearance and both wide faces are surfaced smooth allowing hardware to fit flush and tight against the rim.

KILN-DRIED

X-Rim is kiln-dried to an average moisture content of 13% and is manufactured to tight depth tolerances of $-0"/+3/32"$. Rosboro X-Rim is cut to shorter, more manageable lengths such as 20' and both ends are square cut to reduce field cutting and installation time.



ROSBORO X-RIM MITIGATES MOISTURE ISSUES

Because X-Rim is a glulam product, it is less prone to swelling and moisture related issues than other EWP products like PSL, LVL, and LSL because it has less open wood fiber from the manufacturing process.

For climates that experience periods of extended rain during construction, we offer an additional degree of protection. Rosboro Sealed X-Rim is coated on all four sides and both ends with Liquid Wrap™ sealer that significantly reduces water penetration and minimizes swelling and shrinkage. If your project is being built in the rain, Rosboro's Sealed X-Rim is the ideal choice.



***All solid and engineered wood products will absorb water through the end grain if the ends are not properly sealed after cutting. Designers should specify that all ends will be sealed prior to installation.*

Rosboro X-Rim™ Sizes

Product	Depth						
3½" X-Rim	9¼"	9½"	11¼"	11⅞"	14"	16"	18"
5½" X-Rim	9¼"	9½"	11¼"	11⅞"	14"	16"	18"
6¾" X-Rim	9¼"	9½"	11¼"	11⅞"	14"	16"	18"

Rosboro X-Rim™ Design Values

Properties	F _b =1,250 psi*	F _v =265 psi	E=1.5 x 10 ⁶ psi	F _φ =560 psi

All X-Rim products meet or exceed the design standards for EWS #1 Douglas fir.

*For 16" and deeper F_b=1,100 psi

GLULAM RIM IN FIRE RATED WALLS AND FLOORS

When wood is exposed to fire, the char layer protects the remaining unburned wood against additional damage. In a fire event, glulam rim-boards are able to carry a significantly higher uniform vertical load (UVL) than other commonly used rim products due to their higher residual cross section. This issue is explained in greater detail in APA publication *TT-124 Uniform Vertical Load Capacity of Glulam Rim Boards Subject to Fire Exposure*.

The American Wood Council (AWC) and its members have tested a number of wood frame fire-resistance-rated assemblies. These assemblies can be found in the AWC document *DCA3 Fire-Resistance-Rated Wood-Frame Wall and Floor/Ceiling Assemblies*.