

ROSBORO X-RIM FRT™

FIRE RETARDANT TREATED

Rosboro X-Rim FRT™ is the only UL Classified and factory-warrantied fire retardant treated glulam rim. Pressure treated with *Hoover's* PYRO-GUARD, the industry's leading structural fire retardant.

UL CLASSIFIED

Rosboro X-Rim FRT™ carries the "FR-S" designation and has been tested in accordance with ASTM E 84 / UL 723. Meets all requirements of IBC section 2303.2* for Type III construction.



DYED FOR EASY IDENTIFICATION

APA CERTIFIED

Rosboro X-Rim FRT™ is APA tested in accordance with ASTM D7672 and all rim board structural design values are per APA Product Report PR-L336. Engineers and building officials can be certain the product will hold the load as designed.



KILN DRIED AFTER TREATMENT

WARRANTIED

Rosboro X-Rim FRT™ is fully warrantied by Rosboro for structural integrity and by Hoover for treatment efficacy. You can use these products confidently knowing that the manufacturers stand behind them.



MEETS IBC 2303.2

*Fire retardant treated Rosboro glulam is certified by Underwriters Laboratory UL ER7002-01 and L.A. City LA-RR25150

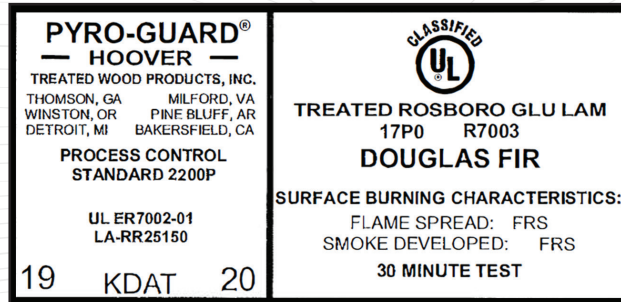


ROSBORO X-RIM FRT

LOOK FOR THE "UL CLASSIFIED" STAMP!

If you're using an FRT product without the UL Classified stamp, it is not code compliant.

Don't take the risk - accept no substitutes.



Rosboro X-Rim FRT™ Sizes

Product		Available Depths			
3½" X-Rim FRT	9½"	11⅞"	14"	16"	18"
5½" X-Rim FRT	9½"	11⅞"	14"	16"	18"

Some swelling may occur as a result of the pressure treating process – do not resize X-Rim FRT after treatment

Rosboro X-Rim FRT™ Design Values

Properties	$F_b=1,250 \text{ psi}^*$	$F_v=265 \text{ psi}$	$E=1.5 \times 10^6 \text{ psi}$	$F_{cp}=560 \text{ psi}$
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Allowable Design Properties for X-Rim+ and X-Rim FRT				
Thickness	Horizontal Load Transfer Capacity with Nails Spaced at 6 inches o.c. (lb/ft)	Vertical Load		Lateral Resistance for ½ inch dia. Lag Screws (lbf)
		Uniform (lb/ft)	Concentrated (lbf)	
		Depths ≤ 18 in.	Depths ≤ 18 in.	
3½"	300	6,500	7,000	410
5½"		8,500	9,000	

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*.

