



ROSBORO X-BEAM™

NEXT-GEN GLULAM

Why would framers spend extra time and money on beams that don't fit?

IT FITS THE WALL

Full width 3½" and 5½"
Architectural Appearance

X-Beam fits flush with framing

I-Joist depth X-Beam fits the system

COSTS MUCH LESS THAN OTHER EWP

X-Beam offers significant savings compared to LVL and PSL

X-Beam eliminates the need to nail, screw, or bolt multiple plies

X-Beam is a credible substitute for LVL in all structural wood frame applications

INVENTORIED LOCALLY

X-Beam is inventoried locally for immediate shipment with other framing materials

Cut to specified length from 60' inventory

Columns also in inventory



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Call: (541) 746-8411

ROSBORO.COM

ARCHITECTURAL APPEARANCE

X-Beam architectural appearance means the beam can be used in both visual and concealed applications



STANDARD HARDWARE THAT COSTS LESS

Standard timber hardware is typically much less money than comparable 3/8", 5/8", and 5/4" hardware



Rosboro X-Beam™ Design Values

Product	Layup Combination	Flexural Stress F_b (PSI)		Compression Perpendicular to Grain F_{ci} (PSI)	Shear F_v (PSI)	Moe (10 ⁶ PSI)	
		Tension Zone	Compression Zone			Apparent	True
X-Beam	24F-V4	2,400	1,850	650	265	1.8	1.9

Face-Mount Hangers - (DF/SP)

Product	Model	B Dim	Header Nails	Beam Nails	Uplift (160)	Download
3 1/2" X-Beam	HU48 / HUC48	2 1/2"	(14) 16d	(6) 10d	1,135	2,085
	HHUS48	3"	(22) 16d	(8) 16d	2,000	4,210
	HU410 / HUC410	2 1/2"	(18) 16d	(10) 10d	1,895	2,680
	HHUS410	3"	(30) 16d	(10) 16d	2,845	5,660
	HU414 / HUC414	2 1/2"	(24) 16d	(12) 10d	2,015	3,570
5 1/2" X-Beam	HU68 / HUC68	2 1/2"	(14) 16d	(6) 16d	1,345	2,085
	HU610 / HUC610	2 1/2"	(18) 16d	(8) 16d	1,795	2,680
	HUCQ610-SDS	3"	(12) SDS	(6) SDS	2,520	4,680
	HU612 / HUC612	2 1/2"	(22) 16d	(8) 16d	1,795	3,275
	HUCQ612-SDS	3"	(14) SDS	(6) SDS	2,520	5,315

Any hanger that publishes a DF connection value will work with X-Beam

Column Caps

Product	Model	Description	Uplift (160)	Download
X-Beam	CC44	3 1/2" beam / 3 1/2" column	1,465	15,310
	CCQ44SDS2.5	3 1/2" beam / 3 1/2" column	5,680	19,020
	CC66	5 1/2" beam / 5 1/2" column	4,040	30,250
	CCQ66SDS2.5	5 1/2" beam / 5 1/2" column	7,145	30,250

Always verify uplift and reaction capacity requirements