



Boise Cascade®
ENGINEERED WOOD PRODUCTS

BOISE CASCADE GLT

Mass Timber Panels

The Future is Wood™

Boise Cascade GLT offers the lasting strength of mass timber panels with the natural beauty of biophilic design, opening up new possibilities for multifamily and commercial buildings. With exceptional strength and span capabilities, GLT panels deliver load-carrying capacity that's ideal for demanding mass timber floor, roof and wall applications.

Boise Cascade GLT Advantages

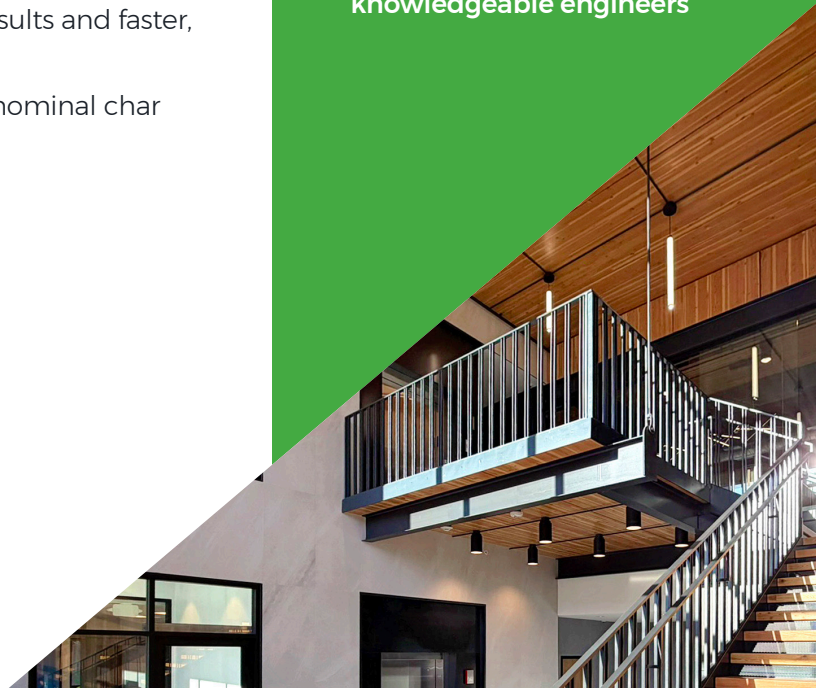
- Available in a wide range of lengths and thicknesses, GLT provides design flexibility without sacrificing performance
- Supports low-carbon construction and responsible forest management by utilizing renewable wood resources
- Design support and made to order panels help create mass timber solutions that are customized for each project's unique needs
- Tight manufacturing tolerances create dependable results and faster, more predictable jobsite installation
- Equivalent fire resistance to solid sawn timber with a nominal char rate of 1.5" per hour

Available Sizes

- **Thicknesses:** 3 1/8" - 8 3/4"
- **Lengths:** Up to 66'
- **Widths:** Up to 72"

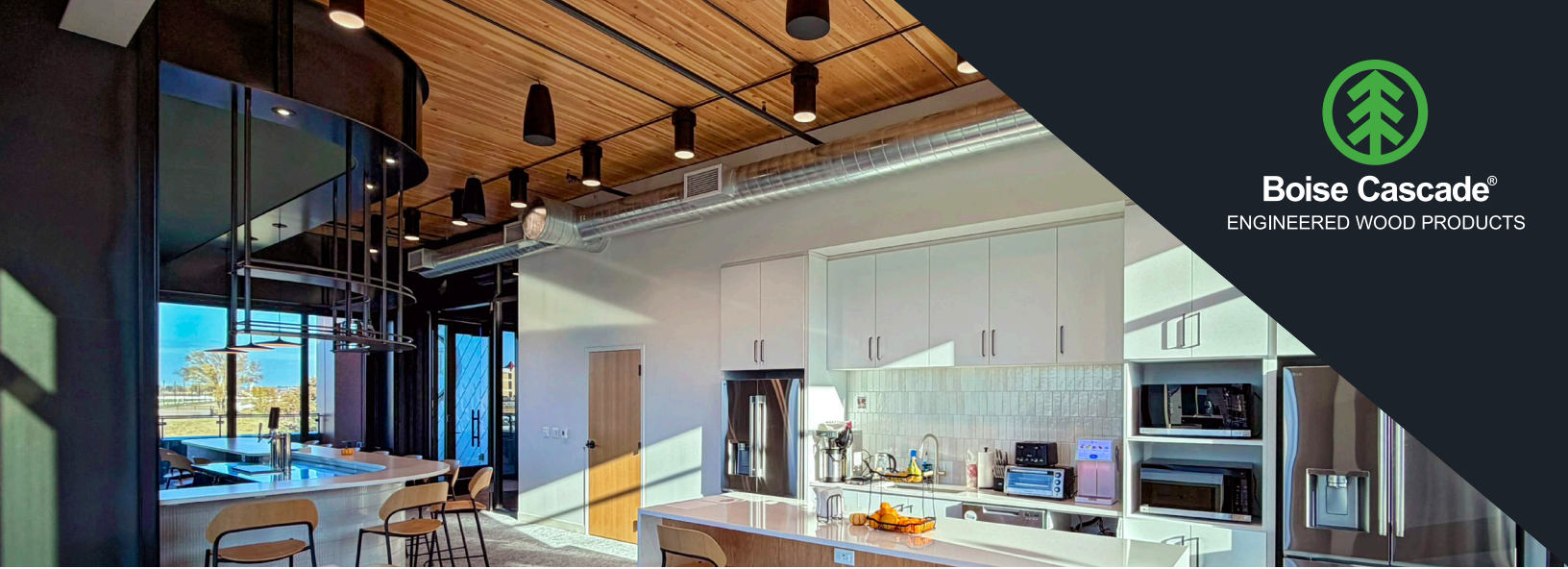
THE BOISE CASCADE DIFFERENCE

- Full line of EWP solutions for single-family, multi-family, mass timber and commercial projects
- Reliable nationwide distribution network
- More than 60 years of proven performance
- Peace of mind with our limited lifetime warranty
- EWP product support from knowledgeable engineers





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Boise Cascade GLT Panel Reference Design Values

Grade	GLT Panel Thickness [in]	Panel Weight [lb/ft ²]	Bending Stress [lb/in ²]	Bending Moment (F _b S) [lb _f *ft/ft]	Modulus of Elasticity - True [lb/in ²]	Bending Stiffness (EI _{eff}) [x10 ⁶ lb _f *in ² /ft]	Modulus of Rigidity (G)	Shear Rigidity (GA _{eff}) [x10 ⁶ lb _f /ft]	Horizontal Shear Stress [lb/in ²]	Horizontal Shear [lb _f /ft]
3 3/16" (3.188")	3 1/8	9.1	1450	2,741	1,600,000	48.8	100,000	3.75	230	5,750
	5 1/8	14.9		6,977		215.4		6.15		9,430
	6 3/4	19.7		11,738		492.1		8.10		12,420
	8 3/4	25.5		19,163		1,071.9		10.50		16,100
5 5/16" (5.313")	3 1/8	9.1	1800	3,402	1,700,000	51.9	106,250	3.75	230	2,875
	5 1/8	14.9		8,661		228.8		6.15		4,715
	6 3/4	19.7		14,571		522.8		8.10		6,210
	8 3/4	25.5		23,789		1138.9		10.50		8,050

▷ Modulus of rigidity values per section 2.12 of ANSI 117-2020 Standard Specification for Structural Glued Laminated Timber of Softwood Species. APA - The Engineered Wood Association, 2020.



With quality products and unsurpassed customer service, Boise Cascade helps you build better structures

Boise Cascade is here to help with your next mass timber project.
For more information go to bc.com/mass-timber/ or call our support center at **800-232-0788**.