

WoodTALKS™

LIVE WEBINAR AND LUNCH & LEARN SEMINARS 2024-25



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ARCHITECTURAL INSTITUTE OF BRITISH COLUMBIA

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APPEARANCE GLULAM BEAMS

Length: 60 minutes - AIBC 1.0 Core LU, AIA 1.0 LU
or 30 minute version - AIBC 0.5 Core LU, AIA 0.5 LU

Summary

This session will cover the APA Appearance Classes of glulam beams:

Describe how structural grading defines the species, grade, and order of lamella in a prescriptive APA beam. Show NDS design tables of different species and layouts.

Introduce APA *Glulam Product Guide* (document X440) and APA Technical Note *Glulam Appearance Classifications for Construction Applications* (document Y110C) as defining documents for appearance classes.

Describe the four Appearance Classes briefly using the APA language-

- Premium Appearance (PREM) - The highest classification for use when appearance is a primary design consideration.
- Architectural Appearance (ARCH) - A high quality appearance suitable for applications where appearance is important but not overriding consideration.
- Industrial Appearance (IND) - The minimal appearance classification normally suitable for industrial plants, warehouses and other similar structures and for concealed applications where appearance is not of primary concern.
Industrial-L Appearance (IND-L) - A sub-classification of Industrial appearance classification. The "L" indicates that LVL material has been used for outer laminations.
- Framing Appearance (FRAMING) - Special sizing to accommodate home building where glulam is used in combination with dimensional lumber without furring. Supplied in 2-1/2", 5-1/2", and 7-1/4" widths.

Learning Objectives

1. Understand the difference between Structural Grades and Appearance Classes of glulam.
2. Understand the four Appearance Classes of APA/CSA glulam and their characteristics.
3. Know the APA documents that define Appearance Classes.
4. Understand the difference between cladding and veneering glulam beams.

Session will be presented by an industry professional from FraserWood Industries.

