

# WoodTALKS™

LIVE WEBINAR AND LUNCH & LEARN SEMINARS 2024-25

## The Future of Wood and Innovations in Curtain Wall Systems

1 LEARNING HOUR | AIBC 1 CORE LU | AIA 1.0 LU | 1 CPD INFORMAL

### Description:

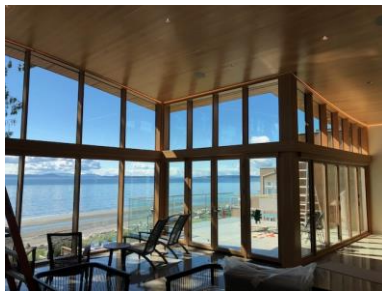
Wood has been used as a construction material by humanity for centuries. It is universally known around the world for its natural beauty and relative workability compared to other materials. In decades past, it has been pushed out in favor of modern synthetic materials for windows and doors. This coupled with its historical limitations in sizes, high maintenance, and lackluster structural, air, and water performance, has further reduced the popularity of wood for window and door construction. This seminar aims to address these historical issues with wood as a building material.

Case studies of hybrid curtain wall systems will be presented, with a focus on advancements made in British Columbia's wood-window industry. Advantages exclusive to hybrid curtain wall's ability to meet Passivhaus and 3<sup>rd</sup> party thermal standards will be examined, alongside the gaskets used to achieve water tightness. Also highlighted will be the advantages of unitized curtain wall systems for job site and labor efficiency.

This session will be presented by industry professionals from Unison Windows and Doors.

### Learning Objectives:

1. Discover the unique characteristics of wood as a building material, and how the majority of historical challenges associated with it have been successfully addressed
2. Explore wood's capacity for carbon storage and its significantly lower embodied carbon compared to other contemporary building materials
3. Learn how a hybrid curtain wall system can integrate windows, sliding doors, and entry doors while preserving site lines
4. Gain an understanding of how hybrid curtain wall systems can meet maximum energy requirements for windows, up to Passive House standard



## Contact

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