

WoodTALKS™

STUDIO

LIVE WEBINAR AND LUNCH & LEARN SEMINARS 2022-2023



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ARCHITECTURAL INSTITUTE OF BRITISH COLUMBIA

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Architectural Wall Panels - From the West Coast Forest Floor to Project Site

1 Learning Hour | AIBC 1 Core LU | AIA 1 LU/HSW | BC Housing 1 CPD, Informal

Description:

More Architects, Designers, and Homeowners are gravitating towards wood and other natural materials. Sustainability and reducing the carbon footprint continues to be a growing influence in consumers' product choices, and innovative wood products are now at front and center. This presentation tells the story from the tree, specifically the Western Red Cedar, through sustainably managed processing into beautiful engineered wooden panels for exterior and interior walls, garage doors, and cabinet doors.

Wood is warm and aesthetically pleasing, but as a natural product there are concerns about its durability against the elements, finishing, and maintenance. This presentation also looks at how engineered edge-glued and cross-laminated Western Red Cedar panels can address these concerns, and how it compares with other cladding materials.

This session will be presented by an industry professional from [Silva Timber Products](#).

Learning Objectives:

1. Learn how engineered wood panels are edge-glued and cross-laminated processed for performance and durability in extreme environments - against humidity, dryness, delamination, splitting, and termites.
2. Learn about the sustainable processing cycle of the Western Red Cedar Tree from its salvage from CSA/PEFC Certified Forests, through milling, its zero-waste application, to its value-added production into engineered wooden panels for exterior and interior walls, garage doors, and cabinet doors.
3. Understand the Architectural applications of engineered wood panels and its aesthetic and health benefits in comparison with other cladding materials.
4. Gain knowledge of the natural weathering aspects of engineered wood panels, and options available for finishing and fire proof coatings.