TIMBER CURTAIN WALL
Technical Guide N
Advanced European engineering meets modernized design with one of our most recent innovations.

Our Timber Curtain Wall system offers new design possibilities for the architectural community. These impressive contemporary vistas offer slim sight lines and large glass, all without sacrificing performance. The expansive views of our Timber Curtain Wall ultimately work to expand the home, let in more daylight, and enable customers to feel at one with nature.

**PRODUCT FEATURES**

**Features**

- 2" (50 mm) wide Curtain Wall System
- Thermally broken, engineered system with all-wood interior
- Configurations include vertical walls, rakeheads, corners and integrated operable units (Casements, Awnings, Terrace and French Doors, and Sliding Doors)
- Monolithic, dual, and triple-glazed options in a variety of LowE coatings that align with other Loewen products
- Exterior covers in extruded aluminum, Douglas Fir, or Honduran Mahogany
- Factory prepped and configured mullion system for optimal quality and installation

**Glazing**

- LowE Double, LowE Triple, Tranquility® and StormForce™. StormForce is not available on all products. Double or triple glass configurations with 1/2" (13 mm) airspace. With countless glazing configurations and LowE coating options, we ensure that you can choose the perfect blend of protection and comfort. LowE best describes the benefits of the product that incorporates glazing coatings and Argon gas. LowE systems help reduce heating and cooling costs, providing superior energy efficiency.

**Sizing**

- System Height: Up to 20' in a continuous, single span (longer lengths up to 30' subject to review)
- System Width: Unlimited
- Max Lite Area: Varies by glass specification (lite thickness, annealed or tempered, etc.)
- Timber Depth: Varies based on wind load/structural criteria, typically 3" to 9"
- System Thickness: 2" (50 mm) exterior, 2-1/8" (54 mm) interior
Timber Curtain Wall Detail

Timber Connector System

Metal Clad Exterior

Wood Clad Exterior

Plan View

Timber Curtain Wall Detail

Interior Trim/Moulding options applied on site

Contemporary Frame Cladding

Aluminum Clad Exterior

Wood Exterior

R.O. 199 3/16" [5059mm]

F.S. 198 11/16" [5047mm]

8 1/4" [210mm]

7 9/16" [192mm]

2 1/8" [54mm]

Glass 64 1/2" [1638mm]

6" [153mm]

Corner Metal TO CL 41 5/8" [1057mm]

F.S. - Timber to Edge 40 1/2" [1029mm]

Outside Dimension 111 3/8" [2829mm]

CL to CL 34 7/8" [887mm]

Glass 33 7/8" [861mm]

Insert 92 1/16" [2338mm]

90°
Timber Curtain Wall Corner
Detail

Plan View

Corner - Mitered Post

Corner - Butt Glazed